Usenet Newsgroup Archive: rec.radio.amateur.antenna

2006-10 - 2006-12

These Usenet messages were preserved as a plain-text archive. This PDF was generated by Digital Library of Amateur Radio & Communications from the source text file in 2026.

Date span: 2006-10-01 through 2006-12-31

Source text: rec.radio.amateur.antenna.txt

Source item: https://archive.org/details/usenet-rec

Messages included in this PDF: 4,640

Message records with no readable body available in the source text: 3

Messages are presented chronologically by archived date.

Binary or encoded payloads are not printed as blocks of encoded text; a placeholder appears where such material was detected. The original source text is unchanged.

1. Re: My Dick is a quarter wave on 144 Mhz

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 00:42:49 UTC
From: marqueer@mail2world.com
Message-ID: <1159663368.993099.302110@i42g2000cwa.googlegroups.com>
Source record: 51975
Cross-posted to: rec.radio.amateur.antenna,alt.usenet.kooks,rec.radio.amateur.policy,alt.west-virginia,alt.sex.gay

slow_code_bitch_boi@yahoo.com wrote:
> Now thats a hunk of meat!
>
>

hey mork you slimmy cocksucker.............
so, you snip AUK but leave the others, you filthy coward

2. Re: Preferred calculators for EE use

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 00:47:09 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1159663629.525532.141720@i3g2000cwc.googlegroups.com>
Source record: 51826

I generally leave my HP48 in the lab... so that leaves me using Google Calculator all the time ;-) I'd forgotten that the HP48 is good with complex numbers so I should probably start carrying it home...

Google Calc is useful in that it knows units, and it knows many the fundemental physical constants... so you can do all sorts of cheating.

Throw this into the Google search box:

1/(2*Pi*4MHz*50 picofarads)

or try:

0.625*(c/14.030MHz) in feet

73,
Dan

3. Re: My Dick is a quarter wave on 144 Mhz

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 00:49:43 UTC
From: Rayburn <rayburnsweet@alltel.net>
Message-ID: <d5b7d$451f107a$8b37073e$18506@ALLTEL.NET>
Source record: 51827
Cross-posted to: rec.radio.amateur.antenna,alt.usenet.kooks,rec.radio.amateur.policy,alt.west-virginia,alt.sex.gay

I heard your wife say you wrote the wrong frequency....She said its supposed
to be 14400.000

<slow_code_bitch_boi@yahoo.com> wrote in message
news:1159653848.456392.91870@k70g2000cwa.googlegroups.com...
> Now thats a hunk of meat!
>

4. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 01:06:23 UTC
From: Mark@kb9rqz.net
Message-ID: <tk4uh2dh82m53rpoucr8nduc0ous56rf0e@4ax.com>
Source record: 51828
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sat, 30 Sep 2006 19:27:33 -0500, Nada Tapu <user@host.domain>
wrote:

>On Sat, 30 Sep 2006 16:39:47 -0400, Mark@kb9rqz.net wrote:
>
>>>And you probably answered some theory questions about modes you'll
>>>never use and formulas you'll never see again. Maybe we should just
>>>eliminate the theory exam, too.
>
>>and what do we gain by doing that it is certainly an option when
>>eleimate code testing we eleimate something that makes the ARS look
>>stpuid obviously we gain by that
>
>Look stupid? Oh, excuse me!
yes you are stupid and anothe rof the usenet cowards

>
>There are a lot of people who don't want to be bothered with the
>theory exam, either. And when it comes right down to it, what do we
>really need a theory exam for?
you tell me

I think it benifits the ARS by insuring that new hams reconize the
term and the rules involved in the ARS

don't you think it does that?

> Most CB'ers and electronic hobbyists
>have the technical expertise to put a multi-band rig and antenna on
>the air and start operating without any trouble at all.

and many so Indeed we could despense with the technical question sif
it was found to be to our benifit

> They feel they
>shouldn't need to take a test in order to do that, and a good case may
>be made in favor of that approach. Homebrew and experiment? Sure, why
>not? They can do that too. I did when I was on CB, so why can't
>others? Why should I take a test that includes superflous questions
>about operating modes and aspects of electronics and computers that I
>have absolutely no intention of employing in my day to day station
>operation?
>
>Now allow me to put on the "other hat".

pput on such hats as you please
>
>CW is a part of amateur radio's heritage and history.

agreed
>One has to
>embrace the past to realize where one is today.
that is merely one method but one is not required to emabrace the past
or to real;ize where we are today
> Having said that, CW
>is not an obsolete mode by any means;

it is obslete
>it is timeless. It was a viable
>communications mode 50 years ago, it still is today, and it will still
>be perfectly viable 10,000 years from now.

which does not prevent it from being oselte

the Longbow it is still a vaible weapon today will be for some time to
come

it is none the less obeslete
> It's spectrum efficient
>and highly effective under adverse conditions. So what if it happens
>to be dated? There is absolutlely nothing wrong with the preservation
>and continued use of old but perfectly good technologies.

and I don't object to YOU doing so but I do object to your insistance
on public specturm being used to do as a complution on all those that
wish to use it
> It's just
>too bad if some operators feel that a certain operating mode reflects
>badly on the amateur community solely because it's been around for a
>long time. There is nothing "stupid" about this issue.

what is stupid is this insistance that I must help to preserve some
thing that YOU value and wish preserved and that I think we would be
better off leting it go the way of Spark
>
>Am I supporting the elimination of the theory exam and promoting the
>testing of morse skills? Of course not, although I can see how one
>would reach that conclusion from my statements. I'm being purposely
>obtuse.
and insulting
> What amateur radio needs is BALANCE.

which it will lack as long as the ARS insist on worshiping the ONE
mode CW above the rest of the ARS combined as the leicense system does
today
> It needs operators with
>a rich set of skills and traits that will set it apart from the other
>radio services. When those skills and traits cease to exist, the
>service will perish, and eventually the spectrum will be sold to the

>highest bidder.
>
>My $.02 Draw your own conclusions.
my conclusion is that you will twist truth and logic anyway you like
to achive your end

for that matter so will I
>
>- - . . . . . - -
>
>NT
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

5. get help

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 01:12:42 UTC
From: Mark@kb9rqz.net
Message-ID: <te5uh2hmh79eph1jdsm46qljgerrhpvlnl@4ax.com>
Source record: 51829
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.west-virginia,alt.sex.gay

On 30 Sep 2006 17:42:49 -0700, marqueer@mail2world.com wrote:

>
>slow_code_bitch_boi@yahoo.com wrote:
>> Now thats a hunk of meat!
>>
>>
>

>so, you snip AUK but leave the others, you filthy coward
why not the auk are just your target trying to troll or them for more
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

6. Re: So, Which reader has actually saved a life or lives using "CW" on Ham Bands?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 01:30:17 UTC
From: "kb9rqz@hotmail.com" <kb9rqz@hotmail.com>
Message-ID: <1159666217.027734.282960@e3g2000cwe.googlegroups.com>
Source record: 51830
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

hot-ham-and-cheese@hotmail.com wrote:
> LenAnderson@ieee.org wrote:
> > From: hot-ham-and-cheese@hotmail.com on Fri, Sep 29 2006 9:00 pm
> >
> >

> Correction... that's "9 -dash- 1 -dash- 1." Robesin says so.
then it MUST be worng BB you should know that by now

7. Re: Preferred calculators for EE use

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 01:33:04 UTC
From: Tom Donaly <dtdonaly@sbcglobal.net>
Message-ID: <kVETg.6440$TV3.1387@newssvr21.news.prodigy.com>
Source record: 51831

n3ox.dan@gmail.com wrote:
> I generally leave my HP48 in the lab... so that leaves me using Google
> Calculator all the time ;-) I'd forgotten that the HP48 is good with
> complex numbers so I should probably start carrying it home...
>
> Google Calc is useful in that it knows units, and it knows many the
> fundemental physical constants... so you can do all sorts of cheating.
>
>
> Throw this into the Google search box:
>
> 1/(2*Pi*4MHz*50 picofarads)
>
> or try:
>
> 0.625*(c/14.030MHz) in feet
>
> 73,
> Dan
>

Instead of dragging your calculator home all the time, why
not go to hpcalc.org and download an emulator program for
your PC?
73,
Tom Donaly, KA6RUH

8. Re: So, Which reader has actually saved a life or lives using "CW" on Ham Bands?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 01:44:16 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1159667056.586603.98450@i3g2000cwc.googlegroups.com>
Source record: 51832
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

```
kb9rqz@hotmail.com wrote:
> hot-ham-and-cheese@hotmail.com wrote:
> > LenAnderson@ieee.org wrote:
> > > From: hot-ham-and-cheese@hotmail.com on Fri, Sep 29 2006 9:00 pm
> > >
> > >
>
> > Correction... that's "9 -dash- 1 -dash- 1." Robesin says so.
> then it MUST be worng BB you should know that by now

It's come full circle. ;^)
```

9. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 01:45:38 UTC
From: richardharrison@webtv.net
Message-ID: <22658-451F1DC2-627@storefull-3251.bay.webtv.net>
Source record: 51833

Alan, VK2ADB wrote:
"What sort of feed warrangement did you use?"

600-ohm open-wire line. Many of the rhombics I erected were made from U.S. Army WW-2 Signal Corps kits. These used three cables in the diamond shaped curtain which came together at the end supports but were spread apart by several feet at the side supports. This construction tended to further reduce impedance variations as frequency changed. We didn`t bother with this refinement with receiving antennas.

Actual antwenna driving point impedance tended to exceed 600 ohms so width of the attachment point to the anteena was wide for the cable size to appear as about 800 ohms and then the spacing tapered steadiy down during the descent to the horizontal transmission line which was spaced for 600 ohms.

The cable used in the kits was made from (3) AWG 12 Copperweld wires twisted together. There was also stainless steel wire for a dissipation line at the far-end of the rhombic. We had to replace this with larger wire as we were broadcasting with 100 KW transmitters, far more power than anticipated by the Signal Corps. Under some conditions and at some frequencies, it is possible to dissipate up to 50% of the power fed into the rhombic in its dissipation line.

It is possible to operate without a dissipation line or resistance. The rhombic becomes bidirectional without the termination. I know from experience during a period when the Signal Corps dissipation lines melted from the broadcast power and our fan mail came from South America as well as Central Europe.

Best regards, Richard Harrison, KB5WZI

10. Re: true connector(s) losses?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 01:55:11 UTC
From: Dale Parfitt <par@parelectronics.com>
Message-ID: <3eFTg.217$pS3.30@trnddc01>
Source record: 51834

```
"ml" <m@di.net> wrote in message
news:m-41E5A5.15545130092006@news.verizon.net...
> In article <t3vTg.1268$753.976@trnddc05>,
> "Dale Parfitt" <par@parelectronics.com> wrote:
>
>> "ml" <m@di.net> wrote in message
>> news:m-E615E5.09310930092006@news.verizon.net...
>> > hi
>> >
>> > I was wanting to dispel some myths about connector losses
>> >
>> > lets assume my worst case freq 450mhz LOW /week singal work
>> >
>> > lets assume my worst coax is ether lmr400 or 600 (not imp )
>> >
>> > so naturally i'd use typically N connectors
>> >
>> > how much do i lose if I screw in a right angle adapter?
>> >
>>
>> My comment would be on the right angle N connectors. They vary
>> dramatically.
>> My area of interest is 1296MHz EME where any loss before the Feedhorn LNA
>> shows up easily. I have an HP network analyzer and qualified a number of
>> right angle N's. In general the adapter with a square block at the elbow
>> were fine- under -0.03 dB. The gradual bend (called a sweep in plumbing
>> terms I believe) had unacceptable return loss and much higher loss
>> (sorry,
>> no figures there).
>>
>> Dale W4OP
>
> thanks rich and dale
>
> appreciate the help!
>
> rich i new the connector was bad cause i noticed less power on my meter
> swapped it out, got a few lemons :(
>
> dale: wow i always wondered about those elebow square designs ,
> not sure what you ment by the 'gradual' bend ones i've seen the
> 'standard' right angle connectors but werent' 'gentle' they were 90
> hard bends is this what you ment?
>
```

>
> or did you ment if you simply made a gentle arc in the coax vs using
> a rt angle connector tht a good connector rt angle adapter was better
>
>
> i'd like to put a few adapters both F/F and rt angles on but didn't
> want to do it if it would kill me loss wise
>
>
> thanks
Both are 90 degree elbows- from my measurements the ones that have a square block of metal at the elbow were fine. The ones that looked like a 90 degree plumbing sweep had bad return loss. This may vary from mfg to mfg, but Al Ward W5LUA who has had experience up through 24GHz agrees.
Perhaps I'll get time and inclination to mill one of the sweep styles open and see what's up.
Dale W4OP

11. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 02:27:51 UTC
From: Opus- <jbuchy@shaw.ca>
Message-ID: <l19uh21c32cdidrdsoe7022a1g278m2e4d@4ax.com>
Source record: 51835
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sat, 30 Sep 2006 14:54:46 -0400, Al Klein <rukbat@pern.invalid>
spake thusly:

>On Sat, 30 Sep 2006 06:54:33 GMT, Opus- <jbuchy@shaw.ca> wrote:
>
>>On Fri, 29 Sep 2006 19:57:18 -0400, Al Klein <rukbat@pern.invalid>
>>spake thusly:
>>>On Fri, 29 Sep 2006 11:18:30 -0400, Dave <W1MCE@comcast.net> wrote:
>
>>>>> Nice strawman. The pixels form a full complete picture. Beeps are just
>>>>> beeps.
>
>>>And speech is just noise if you don't understand it.
>
>>Speech has infection.
>
>Not if you keep your saliva to yourself.

My bad. Was supposed to be "inflection". Aren't spell checkers
supposed to read your mind?? ;-)

>> You can say the same sentence 10 different ways
>>and it can have 10 different meanings depending on the emotion invoked
>>in the speech. You know....the HUMAN element.
>
>ANY communication you don't understand, including CW, is like that.
>You can't tell us what candy tastes like if you're standing on the
>street looking through the window of the store.
>
>>>>> One dimensional. That they form a recognizable pattern does not
>>>>> make them more. Humans are highly visual creatures.
>
>>>Which is why it was said, for many centuries, I suppose, that it's
>>>speech that separates us from the animals. (We're a lot less visually
>>>oriented than a lot of other species.)
>
>>See above.
>
>You're simply wrong. Humans are aural creatures. Argue with me when
>you get enough education in the subject that you're qualified to
>discuss it.

Are YOU qualified? We gather more information about our environment
from vision than any other sense. Now, that's NOT to say that we have

the best vision in the animal kingdom. Our vision is refined and
depended on at the expense of our other senses. Ever have a pet cat or
dog that was blind and deaf? I have and you would be surprised how
well then can adapt with just the sense of smell and touch alone.
Humans need some degree of assistance.

>>>>>I have listened to
>>>>> code for years. Being able to make out a few letters does nothing for
>>>>> me.
>
>>>I have listened to Turkish for years. Being able to make out a few
>>>words does nothing for me.
>
>>>But there are a lot of Turks who feel otherwise.
>
>>Bet you can easily tell what kind of a mood the speaker is in just by
>>his tone.
>
>I can tell that on the air too - in CW. I can't tell it here, so I
>guess you'll be leaving Usenet.

Why would I want to leave usenet? You're not making any sense. Want to
use CW? Go right ahead, you have that right. Nobody has ever said that
you shouldn't be able to.

>> I don't speak Ukrainian but I sure knew when my grandmother
>>was mad at me.
>
>Not by her words, though, which is what you're claiming. So tell me,
>what mood am I in at the moment? Evidently, since Usenet is a visual
>medium, you can tell.

I never said I could tell by her words. Usent is text, by the way, not
visual.

>Or you just don't know what you're talking about.
>
>>>Your insularity is showing.
>
>>Not insularity...humanity.
>
>Which has nothing to do with communication, which every life form
>participates in - even those who have no analog of vision.

Not quite sure what point you are making here.
--
Opus62@gmail.com
(Jim, single dad to Lesleigh [Autistic] 04/20/94)

"What, Me Worry?" A. E. Newman

Please note: All unsolicited e-mail sent to me may, at
my discretion, be posted in this newsgroup verbatim.

12. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 02:38:24 UTC
From: Opus- <jbuchy@shaw.ca>
Message-ID: <qt9uh2d7om8v6urm715ngkft0nmi0j0pq6@4ax.com>
Source record: 51836
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sat, 30 Sep 2006 14:55:38 -0400, Al Klein <rukbat@pern.invalid>
spake thusly:

>On Sat, 30 Sep 2006 06:55:48 GMT, Opus- <jbuchy@shaw.ca> wrote:
>
>>On Sat, 30 Sep 2006 00:36:29 GMT, Slow Code <my.mail@no.spam> spake
>>thusly:
>
>>>No Markie, being able to communicate is good. Can you say, "is good"?
>
>>And communicating with human emotion as opposed to emotionless beeps
>>is better.
>
>And pixels show emotion?

This is an strawman. You know full well what I mean.

I'll tell my daughter's occupational therapist to quit using a monitor
screen to teach her how to recognize emotions of people's faces
pictured on the screen. After all, I have just been told that you
can't view a persons mood by the look on his face if it is composed of
pixels on a screen.

>When you actually get into high school, let us know.

That was uncalled for and childish. Your arguments are based on a
false premise that I and other want to ban the use of CW or that it is
useless. We're only opposed to it being required to pass a test. I
question those who say it's as good as a human voice. It isn't and you
can't say otherwise. Romanticize it all you want. It is what it is.
Nothing more.
--
Opus62@gmail.com
(Jim, single dad to Lesleigh [Autistic] 04/20/94)

"What, Me Worry?" A. E. Newman

Please note: All unsolicited e-mail sent to me may, at
my discretion, be posted in this newsgroup verbatim.

13. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 02:53:38 UTC
From: Al Klein <rukbat@pern.invalid>
Message-ID: <50buh2994btd26dtaoq0i5qhi7kjo4s23o@4ax.com>
Source record: 51837
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 01 Oct 2006 02:27:51 GMT, Opus- <jbuchy@shaw.ca> wrote:

>On Sat, 30 Sep 2006 14:54:46 -0400, Al Klein <rukbat@pern.invalid>
>spake thusly:
>>On Sat, 30 Sep 2006 06:54:33 GMT, Opus- <jbuchy@shaw.ca> wrote:

>>You're simply wrong. Humans are aural creatures. Argue with me when
>>you get enough education in the subject that you're qualified to
>>discuss it.

>Are YOU qualified? We gather more information about our environment
>from vision than any other sense.

We gather more information from fellow humans by words than by any
other means. And words aren't processed in the visual cortex, not
even written words.

>Ever have a pet cat or
>dog that was blind and deaf? I have and you would be surprised how
>well then can adapt with just the sense of smell and touch alone.
>Humans need some degree of assistance.

Apples and oranges. Deaf-blind people get along pretty well too, if
they're given food, water and all the comforts of home by someone
else.

>Why would I want to leave usenet?

You don't like CW because you can't tell emotions on CW. Since you
can't tell emotions on Usenet, you evidently don't like Usenet. Or
you're being inconsistent.

>>> I don't speak Ukrainian but I sure knew when my grandmother
>>>was mad at me.

>>Not by her words, though, which is what you're claiming. So tell me,
>>what mood am I in at the moment? Evidently, since Usenet is a visual
>>medium, you can tell.

>I never said I could tell by her words.

That's what this discussion is about, so I guess the grandmother story
is just a red herring.

> Usent is text, by the way, not visual.

I'll have to start using my ears to read your posts, then.

>>>>Your insularity is showing.

>>>Not insularity...humanity.

>>Which has nothing to do with communication, which every life form
>>participates in - even those who have no analog of vision.

>Not quite sure what point you are making here.

The discussion was about communication. YOUR discussion. You started
it. Did you forget what you were talking about?

14. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 02:56:12 UTC
From: an old friend <kb9rqz@hotmail.com>
Message-ID: <1159671372.199668.162150@h48g2000cwc.googlegroups.com>
Source record: 51838
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Al Klein wrote:
> On Sun, 01 Oct 2006 02:27:51 GMT, Opus- <jbuchy@shaw.ca> wrote:

> > Usent is text, by the way, not visual.
>
> I'll have to start using my ears to read your posts, then.
iondeed we all knew you were not reading the text of anybody Klenex

15. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 03:00:08 UTC
From: Al Klein <rukbat@pern.invalid>
Message-ID: <qdbuh25d8unuc2ore6rb8ukrdf4ge3frna@4ax.com>
Source record: 51839
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 01 Oct 2006 02:38:24 GMT, Opus- <jbuchy@shaw.ca> wrote:

>On Sat, 30 Sep 2006 14:55:38 -0400, Al Klein <rukbat@pern.invalid>
>spake thusly:
>
>>On Sat, 30 Sep 2006 06:55:48 GMT, Opus- <jbuchy@shaw.ca> wrote:
>>
>>>On Sat, 30 Sep 2006 00:36:29 GMT, Slow Code <my.mail@no.spam> spake
>>>thusly:
>>
>>>>No Markie, being able to communicate is good. Can you say, "is good"?
>>
>>>And communicating with human emotion as opposed to emotionless beeps
>>>is better.
>>
>>And pixels show emotion?
>
>This is an strawman. You know full well what I mean.

Since I can fully communicate using "emotionless beeps", no.

>I'll tell my daughter's occupational therapist to quit using a monitor
>screen to teach her how to recognize emotions of people's faces
>pictured on the screen. After all, I have just been told that you
>can't view a persons mood by the look on his face if it is composed of
>pixels on a screen.

No you haven't, but you're being told that if you're not being
deliberately facetious, you're appearing to be pretty stupid.

>>When you actually get into high school, let us know.

>That was uncalled for and childish.

It was completely called for.

>Your arguments are based on a
>false premise that I and other want to ban the use of CW or that it is
>useless.

The original discussion was about requiring it, not banning it. My
attention span's not that short.

> We're only opposed to it being required to pass a test.

So be opposed to testing altogether. Oh, there's already a way to get
on the air without a test. You just don't like that way. Now that's

being childish.

>I question those who say it's as good as a human voice.

How can you question a language you don't even begin to understand?

>It isn't and you can't say otherwise.

Sure I can - I understand and use it - you don't, so you can't
intelligently discuss what it is or isn't at all.

16. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 03:03:02 UTC
From: "kb9rqz-1@hotmail.com" <kb9rqz-1@hotmail.com>
Message-ID: <1159671782.638527.316370@k70g2000cwa.googlegroups.com>
Source record: 51840
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Al Klein wrote:
> On Sun, 01 Oct 2006 02:38:24 GMT, Opus- <jbuchy@shaw.ca> wrote:
>

> >That was uncalled for and childish.
>
> It was completely called for.
hi steve

17. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 03:09:51 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <ckGTg.175$F9.130@newsfe09.lga>
Source record: 51841

More like model has a problem capturing or reflecting reality.
Modeling will calculate the pattern etc., but will not properly reflect the interaction of the antenna design with propagation medium and terrain/surroundings, like showing effect of capture area.

73 Yuri, K3BU

"Alan Peake" <adpeake@killspam.internode.on.net> wrote in message news:451E0FCB.3060804@killspam.internode.on.net...
>
>
> Richard Fry wrote:
>> "Yuri Blanarovich"
>>
>>> Rhombics perform better than what simulations and modeling show.
>>
>> ----------
>>
>> I can vouch for that. ....
>
> Problem with the model??
> Alan
>

18. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 03:48:05 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12huejocce07gc3@corp.supernews.com>
Source record: 51842

Antenna modeling tools aren't intended to model propagation effects. But
the stronger the signal radiated in the right direction, the stronger
the received signal will be. And the strength of the radiated signal in
each direction is what the antenna modeling program shows.

As for the "effect of capture area", the "capture area" of an antenna is
just another way of stating the gain. This information is what you get
from an antenna modeling program.

Roy Lewallen, W7EL

Yuri Blanarovich wrote:
> More like model has a problem capturing or reflecting reality.
> Modeling will calculate the pattern etc., but will not properly reflect the
> interaction of the antenna design with propagation medium and
> terrain/surroundings, like showing effect of capture area.
>
> 73 Yuri, K3BU
>
> "Alan Peake" <adpeake@killspam.internode.on.net> wrote in message
> news:451E0FCB.3060804@killspam.internode.on.net...
>>
>> Richard Fry wrote:
>>> "Yuri Blanarovich"
>>>
>>>> Rhombics perform better than what simulations and modeling show.
>>> __________
>>>
>>> I can vouch for that. ....
>> Problem with the model??
>> Alan
>>
>
>

19. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 03:54:16 UTC
From: Opus- <jbuchy@shaw.ca>
Message-ID: <ruduh2p7m949ffmp0pghfllpubtjoha49c@4ax.com>
Source record: 51843
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sat, 30 Sep 2006 22:53:38 -0400, Al Klein <rukbat@pern.invalid>
spake thusly:

>On Sun, 01 Oct 2006 02:27:51 GMT, Opus- <jbuchy@shaw.ca> wrote:
>
>>On Sat, 30 Sep 2006 14:54:46 -0400, Al Klein <rukbat@pern.invalid>
>>spake thusly:
>>>On Sat, 30 Sep 2006 06:54:33 GMT, Opus- <jbuchy@shaw.ca> wrote:
>
>>>You're simply wrong. Humans are aural creatures. Argue with me when
>>>you get enough education in the subject that you're qualified to
>>>discuss it.
>
>>Are YOU qualified? We gather more information about our environment
>>from vision than any other sense.
>
>We gather more information from fellow humans by words than by any
>other means. And words aren't processed in the visual cortex, not
>even written words.

There is a lot more information in our environment than just raw data.

>>Ever have a pet cat or
>>dog that was blind and deaf? I have and you would be surprised how
>>well then can adapt with just the sense of smell and touch alone.
>>Humans need some degree of assistance.
>
>Apples and oranges. Deaf-blind people get along pretty well too, if
>they're given food, water and all the comforts of home by someone
>else.

A blind person cannot sniff his way around as well as a dog or cat,
therefore a white cane is needed or an unchanging closed environment.

>>Why would I want to leave usenet?
>
>You don't like CW because you can't tell emotions on CW. Since you
>can't tell emotions on Usenet, you evidently don't like Usenet. Or
>you're being inconsistent.

My turn to say apples and oranges then. Can you quote where I said
that I didn't like CW? Basically, I say that it's only good for
submitting raw data, like usenet. Didn't say that it was a bad thing,
just not a full, complete way to engage in human discourse. It should
also not be a barrier to the use of amateur radio.

>>>> I don't speak Ukrainian but I sure knew when my grandmother
>>>>was mad at me.
>
>>>Not by her words, though, which is what you're claiming. So tell me,
>>>what mood am I in at the moment? Evidently, since Usenet is a visual
>>>medium, you can tell.
>
>>I never said I could tell by her words.
>
>That's what this discussion is about, so I guess the grandmother story
>is just a red herring.

No that was NOT my point. Let me be more precise: The inflection added
by actual voice results in a conversation that is much more than the
sum of it's parts, the parts being the words used. My grandmother
example simply showed that inflection adds so much more to a
conversation that it can, at times, convey some information on it's
own without words.

>> Usent is text, by the way, not visual.
>
>I'll have to start using my ears to read your posts, then.

Raw data [text] is all that's needed for this conversation.

>>>>>Your insularity is showing.
>
>>>>Not insularity...humanity.
>
>>>Which has nothing to do with communication, which every life form
>>>participates in - even those who have no analog of vision.
>
>>Not quite sure what point you are making here.
>
>The discussion was about communication. YOUR discussion. You started
>it. Did you forget what you were talking about?

You insist on reducing the term "communication" to just an exchange of
data. I am trying to point out that there is MUCH more to human
interactions than just data.
--
Opus62@gmail.com
(Jim, single dad to Lesleigh [Autistic] 04/20/94)

"What, Me Worry?" A. E. Newman

Please note: All unsolicited e-mail sent to me may, at
my discretion, be posted in this newsgroup verbatim.

20. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 04:05:15 UTC
From: Opus- <jbuchy@shaw.ca>
Message-ID: <uveuh2dijrdi8l804rmoh5p3shvtvnfntr@4ax.com>
Source record: 51844
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

```
On Sat, 30 Sep 2006 23:00:08 -0400, Al Klein <rukbat@pern.invalid>
spake thusly:

>On Sun, 01 Oct 2006 02:38:24 GMT, Opus- <jbuchy@shaw.ca> wrote:
>
>>On Sat, 30 Sep 2006 14:55:38 -0400, Al Klein <rukbat@pern.invalid>
>>spake thusly:
>>
>>>On Sat, 30 Sep 2006 06:55:48 GMT, Opus- <jbuchy@shaw.ca> wrote:
>>>
>>>>On Sat, 30 Sep 2006 00:36:29 GMT, Slow Code <my.mail@no.spam> spake
>>>>thusly:
>>>
>>>>>No Markie, being able to communicate is good. Can you say, "is good"?
>>>
>>>>And communicating with human emotion as opposed to emotionless beeps
>>>>is better.
>>>
>>>And pixels show emotion?
>>
>>This is an strawman. You know full well what I mean.
>
>Since I can fully communicate using "emotionless beeps", no.

In the other thread, I explained how your beeps are just a trade of
raw data.

>>I'll tell my daughter's occupational therapist to quit using a monitor
>>screen to teach her how to recognize emotions of people's faces
>>pictured on the screen. After all, I have just been told that you
>>can't view a persons mood by the look on his face if it is composed of
>>pixels on a screen.
>
>No you haven't, but you're being told that if you're not being
>deliberately facetious, you're appearing to be pretty stupid.

You're the one who used the term pixels like they are just an exchange
of raw data. Technically, the are. But they are much more than the sum
of their parts.

>>>When you actually get into high school, let us know.
>
>>That was uncalled for and childish.
>
>It was completely called for.
```

You are wrong.

>>Your arguments are based on a
>>false premise that I and other want to ban the use of CW or that it is
>>useless.
>
>The original discussion was about requiring it, not banning it. My
>attention span's not that short.
>
>> We're only opposed to it being required to pass a test.
>
>So be opposed to testing altogether. Oh, there's already a way to get
>on the air without a test. You just don't like that way. Now that's
>being childish.

The fact that I fully support technical testing is well established.
Others who want to end code testing generally feel the same way. This
is well established.

>>I question those who say it's as good as a human voice.
>
>How can you question a language you don't even begin to understand?

I have already pointed out that you can get much information beyond
just data. And, no matter what you say, beeps are just data.

>>It isn't and you can't say otherwise.
>
>Sure I can - I understand and use it - you don't, so you can't
>intelligently discuss what it is or isn't at all.

Keep on using it then. But don't tell me that I must know it in order
to use my voice on the radio.
--
Opus62@gmail.com
(Jim, single dad to Lesleigh [Autistic] 04/20/94)

"What, Me Worry?" A. E. Newman

Please note: All unsolicited e-mail sent to me may, at
my discretion, be posted in this newsgroup verbatim.

21. Re: Preferred calculators for EE use

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 04:16:02 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <451f40e8$0$1013$39cecf19@news.twtelecom.net>
Source record: 51845

Fred McKenzie wrote:

>
> I do have a Palm PDA. There is a freeware reverse-Polish program for it
> called Kalk by Holger Klawitter. It is available at
> http://www.klawitter.de/palm. I doubt it will match the fine HP
> instruments you mention, but you may want to have a copy if you spend a
> lot of time with your PDA.
>
> 73,
> Fred
> K4DII

On my Palms I use MathU Pro. Looks like an HP calculator, although one
that has never been made by HP. Works quite well. It is not free, but
is very cheap.

tom
K0TAR

22. Re: Preferred calculators for EE use

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 04:18:25 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <451f4177$0$1013$39cecf19@news.twtelecom.net>
Source record: 51846

Walter Maxwell wrote:

>
> I tried to use someone elses TI one time, but after using RPN I couldn't make
> the darn thing work. The RPN works just like writing down the problem and
> solving it with a pencil.
>
> That Polish guy Lucashowicz (sp?) is my hero!
>
> Walt, W2DU

I have the same problem. I either make stupid mistakes or just plain
can't use non-RPN calculators.

tom
K0TAR

23. Re: Preferred calculators for EE use

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 04:21:31 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <451f4230$0$1013$39cecf19@news.twtelecom.net>
Source record: 51847

Tom Donaly wrote:
>
> Instead of dragging your calculator home all the time, why
> not go to hpcalc.org and download an emulator program for
> your PC?
> 73,
> Tom Donaly, KA6RUH

My calculator is lighter and more portable. :)

tom
K0TAR

24. Optimising a G5RV

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 04:43:50 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <jtguh2lh8mqdlm5lsg0aus2qtgk6tdbkug@4ax.com>
Source record: 51848

Some months ago I put some thoughts together to assist our newly minted 6-hour hams who seem attracted to either short end-fed wires (although they refer to them as long-wires) or G5RVs.

This article deals with optimising a typical G5RV (as distinct from an optimal G5RV).

I ceased efforts when it became apparent that the procedure was beyond the base competency level for our Foundation Licence, and therefore beyond the target audience. (Another issue was that it required transmitting a test carrier on 20m which is not one of their permitted bands, so technically they would need assistance.)

Nevertheless, I looked over it today and fixed a few typos.

http://www.vk1od.net/G5RV/optimising.htm

Comments welcome.

Owen
--

25. Re: get help

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 04:51:45 UTC
From: marqueer@mail2world.com
Message-ID: <1159678305.706193.198920@c28g2000cwb.googlegroups.com>
Source record: 51849
Cross-posted to: alt.usenet.kooks,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.west-virginia,alt.sex.gay

Mark@kb9rqz.net wrote:
> On 30 Sep 2006 17:42:49 -0700, marqueer@mail2world.com wrote:
>
> >
> >slow_code_bitch_boi@yahoo.com wrote:
> >> Now thats a hunk of meat!
> >>
> >>
> >
>
> >so, you snip AUK but leave the others, you filthy coward
> why not the auk are just your target trying to troll or them for more
> http://kb9rqz.blogspot.com/
>
> --
> Posted via a free Usenet account from http://www.teranews.com

STOP YOUR SHIT MORK

26. Re: get help

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 04:52:58 UTC
From: "kb9rqz-1@hotmail.com" <kb9rqz-1@hotmail.com>
Message-ID: <1159678378.192951.188840@k70g2000cwa.googlegroups.com>
Source record: 51850
Cross-posted to: alt.usenet.kooks,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.west-virginia,alt.sex.gay

marqu...@mail2world.com wrote:
>
> STOP YOUR SHIT MORK
what shit woger?

27. Re: First homebrew antenna and a question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 05:00:23 UTC
From: jawod <jawod@fuse.net>
Message-ID: <451F4B67.8020909@fuse.net>
Source record: 51852

>
> Talking about the physical length of the so-called matching section
> without knowing the velocity factor of the actual line is incomplete,
> it is the electrical length that matters.
>
> Owen
> --
Fair enough, Owen. Now, was THAT so hard?

28. Re: get help

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 05:01:22 UTC
From: Mark@kb9rqz.net
Message-ID: <lriuh2hjbsjt5cc2g4ads7eu6varpka2s3@4ax.com>
Source record: 51851
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.west-virginia,alt.sex.gay

On 30 Sep 2006 21:51:45 -0700, marqueer@mail2world.com wrote:

>
>Mark@kb9rqz.net wrote:
>> On 30 Sep 2006 17:42:49 -0700, marqueer@mail2world.com wrote:

>> Posted via a free Usenet account from http://www.teranews.com
>
>STOP YOUR SHIT MORK
what shit woger you are the one raving about shit you and your partner
Steve
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

29. Re: Optimising a G5RV

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 05:12:02 UTC
From: jawod <jawod@fuse.net>
Message-ID: <451F4E22.5070002@fuse.net>
Source record: 51853

Owen Duffy wrote:
> Some months ago I put some thoughts together to assist our newly
> minted 6-hour hams who seem attracted to either short end-fed wires
> (although they refer to them as long-wires) or G5RVs.
>

>
> I ceased efforts when it became apparent that the procedure was beyond
> the base competency level for our Foundation Licence,
> Comments welcome.
>
> Owen
> --
Man,
Get over yourself!

30. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 05:36:54 UTC
From: "LenAnderson@ieee.org" <LenAnderson@ieee.org>
Message-ID: <1159681014.774892.184650@e3g2000cwe.googlegroups.com>
Source record: 51854
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

From: Nada Tapu on Sat, Sep 30 2006 2:23 pm

>On Fri, 29 Sep 2006 20:56:08 -0400, Mark@kb9rqz.net wrote:

>>no slow code the number are down because with Code testing looks so
>>stpupid
>
>The numbers are down for a variety of reasons, but I suspect that
>computers and the internet are the major factors, not the CW
>requirement.

The ready-built Personal Computer first appeared in 1976,
30 years ago (the "IBM PC" debuted in 1980, 26 years ago).
The Internet went public in 1991, 15 years ago.
"Restructuring" to drop the morse test rate to 5 WPM
for all such tests happened only 6 years ago.

The peak licensing of 737,938 happened on 2 Jul 03, just
3 years ago. [they've been dropping at an average of 7K
per year ever since]

I disagree on your reasons stated in your quote above.

>When I ask technical people about why they haven't
>acquired an interest in amateur radio, I never get the CW requirement
>as a response.

Strange, I hear that response. Having been IN radio-
electronics for over a half century, I DO know some
"technical people." :-)

Manual radiotelegraphy was a MUST to use early radio
as a communications medium. The technology of early
radio was primitive, simple, and not yet developed.
On-off keying was the ONLY practical way to make it
possible to communicate. Morse code was then already
mature and a new branch of communications was open
to use by downsized landline telegraphers.

> They simply view the whole service as outmoded in the
>face of modern telecommunications.

PART of that IS true. NOT all of it.

What IS outmoded (technically) is sitting only on HF
and "working" other stations with morse radiotelegraphy.
Amateur radio is the ONLY radio service still using

morse radiotelegraphy for communications purposes.

Another thing outmoded is the strict "necessity" to use a formalism in "procedure" AS IF it was "professional" radio. That formalism was established between 50 to 70 years ago. Amateur radio, by definition, is NOT professional. Too many olde-tymers want to PRETEND they are pros in front of their ham rigs.

But, there is still an enormous area of the EM spectrum that is still open for experimentation, for just the fun of doing something out of the ordinary above 30 MHz. That can be a very different RF environment, much much different than the technology available in the 20s and 30s. It has exciting possibilities...except for the rutted and mired olde-tymers unable to keep up with new things, secure in their own dreams of youth and simple technological environment.

>Let's face it.. the romance is gone.

Oh, boo hoo...the "romance" of the 1930s is gone? Yes, it IS. The "pioneering of the airwaves" below 30 MHz has been DONE...mostly by the pros of radio (despite what the ARRL claims). DONE a long time ago. The solid-state era came into being about 45 years ago and has revolutionized ALL electronics (radio is a subset of that).

Except as memorabilia trinkets of the past, GONE is the analog VFO, GONE is the one-tube regenerative receiver, GONE is the single-crystal-single-frequency Tx, GONE is the big, bulky AM modulator amplifier, GONE is the not-knowing-when-the-bands-are-open (solar activity and ionosonding solved that and HF MUF is a predictable item that can be found by a computer program). Except for the boatanchor afficionados, vacuum tubes are GONE for nearly everything but high-power transmitters.

The radio world of today is NOT that of 1950, nor of 1960, nor 1970, nor even 1980s. It keeps changing, advancing, the state of the art never static. For the stuck-in-the-mud olde tymers that is terrible...they feel insecure on not being able to keep up, become aggressive to newcomers ("no kids, lids or space cadets") and retreat to the "secure" mode of their youth, "CW." But, they want to make sure They get the respect they feel they've "earned" (as if) so they try and try and try to bring all down to THEIR level...the code test MUST stay..."because."

There are 100 million two-way radios in use in the USA alone, millions more in other countries. Those are the

cellular telephones. There are millions of VHF and UHF transceivers in the USA, working daily for public safety agencies, ships, private boats, air carriers as well as private airplanes. There are tens of thousands of HF transceivers in use in the USA, users being everyone from government agencies to private boat owners, ALL exclusive of amateur radio users. Where is the "romance" in all this Plenty from a cornucopia that all have grabbed? It is GONE, yes.

But, NEW "romances" await. DIFFERENT ones, I'd say a helluva lot more complex than old, simple "radio." We can't relive old "romances" except in our minds and we can't grow physically younger. Only person-to-person romance is TRUE, the other "romance" is of the imagination, of the fantasy of what was once there. This fantasy "romance" can't be brought back. It can't be legislated into remaining static. The rules and regulations have to change to keep up with the NOW.

LenAnderson@ieee.org

31. Re: So, Which reader has actually saved a life or lives using "CW" on Ham Bands?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 05:40:43 UTC
From: "LenAnderson@ieee.org" <LenAnderson@ieee.org>
Message-ID: <1159681243.639891.88070@c28g2000cwb.googlegroups.com>
Source record: 51855
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

```
hot-ham-and-cheese@hotmail.com wrote:
> kb9rqz@hotmail.com wrote:
> > hot-ham-and-cheese@hotmail.com wrote:
> > > LenAnderson@ieee.org wrote:
> > > > From: hot-ham-and-cheese@hotmail.com on Fri, Sep 29 2006 9:00 pm
> >
> > > Correction... that's "9 -dash- 1 -dash- 1." Robesin says so.
> > then it MUST be worng BB you should know that by now
>
> It's come full circle. ;^)

Har! :-) The robeswine spawned the worm ouroborous! :-)
```

32. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 05:47:12 UTC
From: "LenAnderson@ieee.org" <LenAnderson@ieee.org>
Message-ID: <1159681632.553008.205840@m73g2000cwd.googlegroups.com>
Source record: 51856
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Nada Tapu wrote:
> On Sat, 30 Sep 2006 21:06:23 -0400, Mark@kb9rqz.net wrote:
>
> >yes you are stupid and anothe rof the usenet cowards
>
> This discussion is over. You lose. And to prove it, you had to get
> personal and I didn't. I will not engage in a reasoned debate with an
> individual such as you. If you really are an amateur operator, and I
> sincerely doubt that you are, do us all a favor and keep your seething
> hatred and childish foot stomping off of the bands.
>
> NT

If you really are an amateur operator, why can't you give out
your license callsign?

How DOES one have a "reasoned debate" with an anony-mousie
such as "Nada Tapu"?

I've not seen that such is possible in here except for two and
both of them are self-admitted Canadians.

LenAnderson@ieee.org

33. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 05:47:34 UTC
From: Mark@kb9rqz.net
Message-ID: <9fluh2tmgmca7l3gehurg85pjksfq2hd6i@4ax.com>
Source record: 51857
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 01 Oct 2006 00:41:42 -0500, Nada Tapu <user@host.domain>
wrote:

>On Sat, 30 Sep 2006 21:06:23 -0400, Mark@kb9rqz.net wrote:
>
>>yes you are stupid and anothe rof the usenet cowards
>
>This discussion is over.
it never began
> You lose.
hardly
> And to prove it, you had to get
>personal and I didn't.

> I will not engage in a reasoned debate with an
>individual such as you.
obviously since you have yet to make a reasoned post
> If you really are an amateur operator, and I
>sincerely doubt that you are
I am certina am a Ham and a good one
>, do us all a favor and keep your seething
>hatred
hatred that is YOUR department
> and childish foot stomping off of the bands.
>
>NT
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

34. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 05:55:07 UTC
From: Mark@kb9rqz.net
Message-ID: <ruluh2pufl5lfldl970p6nsr6nauqo1brv@4ax.com>
Source record: 51858
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On 30 Sep 2006 22:36:54 -0700, "LenAnderson@ieee.org"
<LenAnderson@ieee.org> wrote:

>From: Nada Tapu on Sat, Sep 30 2006 2:23 pm
>
>
>>On Fri, 29 Sep 2006 20:56:08 -0400, Mark@kb9rqz.net wrote:
>
>>>no slow code the number are down because with Code testing looks so
>>>stpupid
>>
>>The numbers are down for a variety of reasons, but I suspect that
>>computers and the internet are the major factors, not the CW
>>requirement.
>
> The ready-built Personal Computer first appeared in 1976,
> 30 years ago (the "IBM PC" debuted in 1980, 26 years ago).
> The Internet went public in 1991, 15 years ago.
> "Restructuring" to drop the morse test rate to 5 WPM
> for all such tests happened only 6 years ago.
>
> The peak licensing of 737,938 happened on 2 Jul 03, just
> 3 years ago. [they've been dropping at an average of 7K
> per year ever since]
>
> I disagree on your reasons stated in your quote above.
>
>>When I ask technical people about why they haven't
>>acquired an interest in amateur radio, I never get the CW requirement
>>as a response.
>
> Strange, I hear that response. Having been IN radio-
> electronics for over a half century, I DO know some
> "technical people." :-)
>
> Manual radiotelegraphy was a MUST to use early radio
> as a communications medium. The technology of early
> radio was primitive, simple, and not yet developed.
> On-off keying was the ONLY practical way to make it
> possible to communicate. Morse code was then already
> mature and a new branch of communications was open
> to use by downsized landline telegraphers.
>

>> They simply view the whole service as outmoded in the
>>face of modern telecommunications.
>
> PART of that IS true. NOT all of it.
>
> What IS outmoded (technically) is sitting only on HF
> and "working" other stations with morse radiotelegraphy.
> Amateur radio is the ONLY radio service still using
> morse radiotelegraphy for communications purposes.
>
> Another thing outmoded is the strict "necessity" to use
> a formalism in "procedure" AS IF it was "professional"
> radio. That formalism was established between 50 to 70
> years ago. Amateur radio, by definition, is NOT
> professional. Too many olde-tymers want to PRETEND
> they are pros in front of their ham rigs.
>
> But, there is still an enormous area of the EM spectrum
> that is still open for experimentation, for just the fun
> of doing something out of the ordinary above 30 MHz.
> That can be a very different RF environment, much much
> different than the technology available in the 20s and
> 30s. It has exciting possibilities...except for the
> rutted and mired olde-tymers unable to keep up with new
> things, secure in their own dreams of youth and simple
> technological environment.
>
>>Let's face it.. the romance is gone.
>
> Oh, boo hoo...the "romance" of the 1930s is gone? Yes,
> it IS. The "pioneering of the airwaves" below 30 MHz
> has been DONE...mostly by the pros of radio (despite what
> the ARRL claims). DONE a long time ago. The solid-state
> era came into being about 45 years ago and has
> revolutionized ALL electronics (radio is a subset of that).
>
> Except as memorabilia trinkets of the past, GONE is the
> analog VFO, GONE is the one-tube regenerative receiver,
> GONE is the single-crystal-single-frequency Tx, GONE is
> the big, bulky AM modulator amplifier, GONE is the not-
> knowing-when-the-bands-are-open (solar activity and
> ionosonding solved that and HF MUF is a predictable
> item that can be found by a computer program). Except
> for the boatanchor afficionados, vacuum tubes are GONE
> for nearly everything but high-power transmitters.
>
> The radio world of today is NOT that of 1950, nor of
> 1960, nor 1970, nor even 1980s. It keeps changing,
> advancing, the state of the art never static. For the
> stuck-in-the-mud olde tymers that is terrible...they

> feel insecure on not being able to keep up, become
> aggressive to newcomers ("no kids, lids or space
> cadets") and retreat to the "secure" mode of their
> youth, "CW." But, they want to make sure They get
> the respect they feel they've "earned" (as if) so
> they try and try and try to bring all down to THEIR
> level...the code test MUST stay..."because."
>
> There are 100 million two-way radios in use in the USA
> alone, millions more in other countries. Those are the
> cellular telephones. There are millions of VHF and UHF
> transceivers in the USA, working daily for public
> safety agencies, ships, private boats, air carriers as
> well as private airplanes. There are tens of thousands
> of HF transceivers in use in the USA, users being
> everyone from government agencies to private boat
> owners, ALL exclusive of amateur radio users. Where is
> the "romance" in all this Plenty from a cornucopia that
> all have grabbed? It is GONE, yes.
>
> But, NEW "romances" await. DIFFERENT ones, I'd say a
> helluva lot more complex than old, simple "radio." We
> can't relive old "romances" except in our minds and we
> can't grow physically younger. Only person-to-person
> romance is TRUE, the other "romance" is of the
> imagination, of the fantasy of what was once there.
> This fantasy "romance" can't be brought back. It can't
> be legislated into remaining static. The rules and
> regulations have to change to keep up with the NOW.
a nice peice of writing stored I may lift a peice or for something I
am working on

but yes their is still magaic I play with it (although yes acess to HF
would be a help as I learn the ins and out of EME and other VHF+ modes
pity that progress in the ARS is opposed at every turn by hams
themslves
>
> LenAnderson@ieee.org
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

35. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 05:58:34 UTC
From: Mark@kb9rqz.net
Message-ID: <v6muh255bt64qq7sboafjoop0rkvp4eree@4ax.com>
Source record: 51859
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

```
On 30 Sep 2006 22:47:12 -0700, "LenAnderson@ieee.org"
<LenAnderson@ieee.org> wrote:

>Nada Tapu wrote:
>> On Sat, 30 Sep 2006 21:06:23 -0400, Mark@kb9rqz.net wrote:
>>
>> >yes you are stupid and anothe rof the usenet cowards
>>
>> This discussion is over. You lose. And to prove it, you had to get
>> personal and I didn't. I will not engage in a reasoned debate with an
>> individual such as you. If you really are an amateur operator, and I
>> sincerely doubt that you are, do us all a favor and keep your seething
>> hatred and childish foot stomping off of the bands.
>>
>> NT
>
> If you really are an amateur operator, why can't you give out
> your license callsign?
I think he just another avatar of Al Klein since al was having trouble
having killfiled everyone
>
> How DOES one have a "reasoned debate" with an anony-mousie
> such as "Nada Tapu"?
>
> I've not seen that such is possible in here except for two and
> both of them are self-admitted Canadians.
>
>
> LenAnderson@ieee.org
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com
```

36. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 06:15:01 UTC
From: "LenAnderson@ieee.org" <LenAnderson@ieee.org>
Message-ID: <1159683301.474412.100070@i3g2000cwc.googlegroups.com>
Source record: 51860
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

M...@kb9rqz.net wrote:
> On 30 Sep 2006 22:36:54 -0700, "LenAnderson@ieee.org"
> <LenAnderson@ieee.org> wrote:
>
> >From: Nada Tapu on Sat, Sep 30 2006 2:23 pm
> >
> >
> >>On Fri, 29 Sep 2006 20:56:08 -0400, Mark@kb9rqz.net wrote:
> >
> >>>no slow code the number are down because with Code testing looks so
> >>>stpupid
> >>
> >>The numbers are down for a variety of reasons, but I suspect that
> >>computers and the internet are the major factors, not the CW
> >>requirement.
> >
> > The ready-built Personal Computer first appeared in 1976,
> > 30 years ago (the "IBM PC" debuted in 1980, 26 years ago).
> > The Internet went public in 1991, 15 years ago.
> > "Restructuring" to drop the morse test rate to 5 WPM
> > for all such tests happened only 6 years ago.
> >
> > The peak licensing of 737,938 happened on 2 Jul 03, just
> > 3 years ago. [they've been dropping at an average of 7K
> > per year ever since]
> >
> > I disagree on your reasons stated in your quote above.
> >
> >>When I ask technical people about why they haven't
> >>acquired an interest in amateur radio, I never get the CW requirement
> >>as a response.
> >
> > Strange, I hear that response. Having been IN radio-
> > electronics for over a half century, I DO know some
> > "technical people." :-)
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> > Manual radiotelegraphy was a MUST to use early radio
> > as a communications medium. The technology of early
> > radio was primitive, simple, and not yet developed.
> > On-off keying was the ONLY practical way to make it
> > possible to communicate. Morse code was then already
> > mature and a new branch of communications was open
> > to use by downsized landline telegraphers.

> >
> >> They simply view the whole service as outmoded in the
> >>face of modern telecommunications.
> >
> > PART of that IS true. NOT all of it.
> >
> > What IS outmoded (technically) is sitting only on HF
> > and "working" other stations with morse radiotelegraphy.
> > Amateur radio is the ONLY radio service still using
> > morse radiotelegraphy for communications purposes.
> >
> > Another thing outmoded is the strict "necessity" to use
> > a formalism in "procedure" AS IF it was "professional"
> > radio. That formalism was established between 50 to 70
> > years ago. Amateur radio, by definition, is NOT
> > professional. Too many olde-tymers want to PRETEND
> > they are pros in front of their ham rigs.
> >
> > But, there is still an enormous area of the EM spectrum
> > that is still open for experimentation, for just the fun
> > of doing something out of the ordinary above 30 MHz.
> > That can be a very different RF environment, much much
> > different than the technology available in the 20s and
> > 30s. It has exciting possibilities...except for the
> > rutted and mired olde-tymers unable to keep up with new
> > things, secure in their own dreams of youth and simple
> > technological environment.
> >
> >>Let's face it.. the romance is gone.
> >
> > Oh, boo hoo...the "romance" of the 1930s is gone? Yes,
> > it IS. The "pioneering of the airwaves" below 30 MHz
> > has been DONE...mostly by the pros of radio (despite what
> > the ARRL claims). DONE a long time ago. The solid-state
> > era came into being about 45 years ago and has
> > revolutionized ALL electronics (radio is a subset of that).
> >
> > Except as memorabilia trinkets of the past, GONE is the
> > analog VFO, GONE is the one-tube regenerative receiver,
> > GONE is the single-crystal-single-frequency Tx, GONE is
> > the big, bulky AM modulator amplifier, GONE is the not-
> > knowing-when-the-bands-are-open (solar activity and
> > ionosonding solved that and HF MUF is a predictable
> > item that can be found by a computer program). Except
> > for the boatanchor afficionados, vacuum tubes are GONE
> > for nearly everything but high-power transmitters.
> >
> > The radio world of today is NOT that of 1950, nor of
> > 1960, nor 1970, nor even 1980s. It keeps changing,
> > advancing, the state of the art never static. For the

> > stuck-in-the-mud olde tymers that is terrible...they
> > feel insecure on not being able to keep up, become
> > aggressive to newcomers ("no kids, lids or space
> > cadets") and retreat to the "secure" mode of their
> > youth, "CW." But, they want to make sure They get
> > the respect they feel they've "earned" (as if) so
> > they try and try and try to bring all down to THEIR
> > level...the code test MUST stay..."because."
> >
> > There are 100 million two-way radios in use in the USA
> > alone, millions more in other countries. Those are the
> > cellular telephones. There are millions of VHF and UHF
> > transceivers in the USA, working daily for public
> > safety agencies, ships, private boats, air carriers as
> > well as private airplanes. There are tens of thousands
> > of HF transceivers in use in the USA, users being
> > everyone from government agencies to private boat
> > owners, ALL exclusive of amateur radio users. Where is
> > the "romance" in all this Plenty from a cornucopia that
> > all have grabbed? It is GONE, yes.
> >
> > But, NEW "romances" await. DIFFERENT ones, I'd say a
> > helluva lot more complex than old, simple "radio." We
> > can't relive old "romances" except in our minds and we
> > can't grow physically younger. Only person-to-person
> > romance is TRUE, the other "romance" is of the
> > imagination, of the fantasy of what was once there.
> > This fantasy "romance" can't be brought back. It can't
> > be legislated into remaining static. The rules and
> > regulations have to change to keep up with the NOW.
>
> a nice peice of writing stored I may lift a peice or for something I
> am working on

Thank you. Feel free to use any part. I would be nice to
get credit for it, a common courtesy.

> but yes their is still magaic I play with it (although yes acess to HF
> would be a help as I learn the ins and out of EME and other VHF+ modes
> pity that progress in the ARS is opposed at every turn by hams
> themslves

"Magic" is a subjective term. The "magic" of HF worldwide comms
dissolved into reality for me in 1953 on seeing such wholesale
"magic" working 24/7 in tying US Army (and other military) into
the large network going back to the states.

"Different strokes for different folks."

ARRL is still fixated on HF and the "magic" of morse. Since they
influence (if not brainwash) as many US hams as they can with
their huge publishing effort, we aren't supposed to negatively

critique them. That's "not nice" to those who've had their brains washed in that way.

I've seen "real" magic at the Magic Castle in Hollywood, CA. That's mainly a professional association of magicians/illusionists. One can't gain entrance without being admitted by a member. I've had the marvelous opportunity to go in three times there...and be totally fascinated by the illusions. Whenever I see some ham bring up "magic" I think of the Magic Castle. A lot of hams ascribe "magic" to HF comms but that is their own private illusion (or delusion, as the case may be). Shrug. To each his own but I don't like others trying to cram Their delusions into everyone.

LenAnderson@ieee.org

37. Re: true connector(s) losses?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 06:41:12 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <gqJTg.3388$gM1.315@fed1read12>
Source record: 51861

"ml" <m@di.net> wrote in message
news:m-E615E5.09310930092006@news.verizon.net...
> hi
>
> I was wanting to dispel some myths about connector losses
>
> lets assume my worst case freq 450mhz LOW /week singal work
>
> lets assume my worst coax is ether lmr400 or 600 (not imp)
>
> so naturally i'd use typically N connectors
>
> how much do i lose if I screw in a right angle adapter?
>
> in general at the base of a radio
>
> and same question say i want to join to lengths of coax and use a
> small stubby f/f N connector adapter ??
>
>
> lose going from a DIN to an N via a adapter?? at radio and 'inline'
>
> joining 2 coax lengths
>
>
> some say the loss is actually neg some say it's going to add up and
> the insertion loss could easily go over 1/2 db i dunno
>

I can help a little, just not at 450 MHz.

In the 1970's I had the TV system on an aircraft carrier for maintenance. One slow day at sea, I tested the connector-loss stories. I took the longest piece of RG-59 I had (about 60' or so) and measured the loss around 60 MHz, Channel 3, the freq of my test generator. Next, I joined about ten pieces of RG-59 together to make the same length and repeated the measurement. I was surprised at my result: only about 1 dB more loss. Certainly nothing like the mythical 1 dB per connector figure that had been bandied about. Plus, crimped-on F-59 connectors have nothing to recommend them, compared to N-type connectors we use for UHF hamming. I did not have any right-angle F-connectors to test then. I have some now and I have modulators I can tune to UHF to source a stable signal. Maybe I'll run some more tests.

38. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 07:23:51 UTC
From: Alan Peake <adpeake@killspam.internode.on.net>
Message-ID: <451F6D07.9010005@killspam.internode.on.net>
Source record: 51862

> Something that I saw done on commercial sites with high power
> transmitters is to run a feedline down from the termination end of
> the rhombic and run it underground for a while. If the loss is
> sufficient, you don't even need the terminating resistor.
>
> Owen

Not a bad idea. There's a diagram or three in Laport's "Radio Antenna Engineering" so I'll have a bit of a read.

Alan

39. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 07:27:31 UTC
From: Alan Peake <adpeake@killspam.internode.on.net>
Message-ID: <451F6DE3.9090909@killspam.internode.on.net>
Source record: 51863

> to appear as about 800 ohms and then the spacing tapered steadiy down
> during the descent to the horizontal transmission line which was spaced
> for 600 ohms.
I like the tapered arrangement. What's the minimum distance needed to
taper from 800 to 600 at freqs from say 3.5MHz to 14MHz? I did one years
ago from 130 to 200 and it was about a foot long at 1.8GHz.

> Best regards, Richard Harrison, KB5WZI
>

Alan

40. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 07:48:25 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <fpruh25sqf2oggnp100j67lqcm9v213rn7@4ax.com>
Source record: 51864

On Sun, 01 Oct 2006 17:27:31 +1000, Alan Peake
<adpeake@killspam.internode.on.net> wrote:

>
>
>> to appear as about 800 ohms and then the spacing tapered steadiy down
>> during the descent to the horizontal transmission line which was spaced
>> for 600 ohms.
>I like the tapered arrangement. What's the minimum distance needed to
>taper from 800 to 600 at freqs from say 3.5MHz to 14MHz? I did one years
>ago from 130 to 200 and it was about a foot long at 1.8GHz.

Alan,

Are you tapering for impedance transformation, or just to reduce
transmission line losses?

I make the matched line loss on a 600 ohms open wire line with 2mm dia
copper spaced 150mm something approaching 0.1dB/100m, with 2:1 VSWR
you are talking ~0.14dB/100m. You should find the rhombic no worse
than 2:1 unless it is too short.

My loss calculator has an ideal air spaced 600 ohm copper line (copper
loss only) 2mm/150mm, the label is "Open / air dielectric (150/2.00)",
you can try the various loads from the NEC models for more exact loss
figures.

Owen
--

41. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 08:48:05 UTC
From: Baloo <baloo@ursine.ca>
Message-ID: <5vb4v3-jsd.ln1@ursine.ca>
Source record: 51865
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

LenAnderson@ieee.org wrote:

> Nada Tapu wrote:
>> On Sat, 30 Sep 2006 21:06:23 -0400, Mark@kb9rqz.net wrote:
>>
>> >yes you are stupid and anothe rof the usenet cowards
>>
>> This discussion is over. You lose. And to prove it, you had to get
>> personal and I didn't. I will not engage in a reasoned debate with an
>> individual such as you. If you really are an amateur operator, and I
>> sincerely doubt that you are, do us all a favor and keep your seething
>> hatred and childish foot stomping off of the bands.
>>
>> NT
>
> If you really are an amateur operator, why can't you give out
> your license callsign?

Probably because it's not safe to go waving around more information than you
have to.

http://www.blogs.oregonlive.com/oregonian/newsupdates/default.asp?item=194639
Dispute On CB Airwaves Leads To Fatal Shooting

Yes, the non-CB amateur bands tend to be a little more mature than the
citizens band (or at least as far as the
Washington/Clark/Multnomah/Clackamas County area is concerned).
Unfortunately, Usenet and the Internet are not. If you don't believe me,
go watch Dateline when they sting Internet weirdos sometime to see the
worst of them.

--
Baloo
email & xmpp: baloo@ursine.ca

--
Posted via a free Usenet account from http://www.teranews.com

42. Re: true connector(s) losses?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 09:14:08 UTC
From: Jeff <jeff@local.host>
Message-ID: <efo0st$1ar$1@emma.aioe.org>
Source record: 51866

> Both are 90 degree elbows- from my measurements the ones that have a
> square block of metal at the elbow were fine. The ones that looked like a
> 90 degree plumbing sweep had bad return loss. This may vary from mfg to
> mfg, but Al Ward W5LUA who has had experience up through 24GHz agrees.
> Perhaps I'll get time and inclination to mill one of the sweep styles open
> and see what's up.
> Dale W4OP

This is a very strange result, the non 90 degree elbow ones, normally
referred to as "swept radius" are intended to reduce the step
discontinuities that the a 90 elbow type introduce. They are usually used at
microwave frequencies where these discontinuities are more apparent.

73
Jeff

43. Re: cushcraft X7 - help

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 10:03:09 UTC
From: Pasquale <iw0hex@email.it>
Message-ID: <1159696989.753010.119910@m73g2000cwd.googlegroups.com>
Source record: 51867

Tnx a lot Bill and tnx again to everyone helps me.
I received many emails and now I know the right thnig to do.
The right manual is August 1998 (another version May 1999 reports same element's lenght).
This is for improving any possible SWR problem in 15 meters with the first version on X7 antenna.
Tnx a lot again.
See you soon on the air.
Pasquale IW0HEX

44. Re: Optimising a G5RV

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 11:32:09 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <ZGNTg.666$NE6.306@newssvr11.news.prodigy.com>
Source record: 51868

Owen Duffy wrote:
> http://www.vk1od.net/G5RV/optimising.htm
> Comments welcome.

Great job as usual, Owen. I would add a couple of
items.

1. Some commercial antennas, sold as G5RV's, deviate
from your information because they deviate from your
specifications and tuning procedures. They may need
to be tuned to your specifications.

2. The following statement is somewhat confusing.

> Fig 1 shows the efficiency of a optimised typical G5RV.
> Note that only three of these peaks coincide with an amateur
> band, but 40m efficiency is 65% although not at the peak.

The resolution of the graph makes it difficult to know which
three peaks are in which three bands. Like 40m, you might also
state that 15m efficiency is xx% although not at the peak.
--
73, Cecil http://www.w5dxp.com

45. Re: true connector(s) losses?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 11:54:09 UTC
From: ml <m@di.net>
Message-ID: <m-947FDF.07541101102006@news.verizon.net>
Source record: 51869

In article <3eFTg.217$pS3.30@trnddc01>,
"Dale Parfitt" <par@parelectronics.com> wrote:

> "ml" <m@di.net> wrote in message
> news:m-41E5A5.15545130092006@news.verizon.net...
> > In article <t3vTg.1268$753.976@trnddc05>,
> > "Dale Parfitt" <par@parelectronics.com> wrote:
> >
> >> "ml" <m@di.net> wrote in message
> >> news:m-E615E5.09310930092006@news.verizon.net...
> >> > hi
> >> >
> >> > I was wanting to dispel some myths about connector losses
> >> >
> >> > lets assume my worst case freq 450mhz LOW /week singal work
> >> >
> >> > lets assume my worst coax is ether lmr400 or 600 (not imp)
> >> >
> >> > so naturally i'd use typically N connectors
> >> >
> >> > how much do i lose if I screw in a right angle adapter?
> >> >
> >>
> >> My comment would be on the right angle N connectors. They vary
> >> dramatically.
> >> My area of interest is 1296MHz EME where any loss before the Feedhorn LNA
> >> shows up easily. I have an HP network analyzer and qualified a number of
> >> right angle N's. In general the adapter with a square block at the elbow
> >> were fine- under -0.03 dB. The gradual bend (called a sweep in plumbing
> >> terms I believe) had unacceptable return loss and much higher loss
> >> (sorry,
> >> no figures there).
> >>
> >> Dale W4OP
> >
> > thanks rich and dale
> >
> > appreciate the help!
> >
> > rich i new the connector was bad cause i noticed less power on my meter
> > swapped it out, got a few lemons :(
> >
> > dale: wow i always wondered about those elebow square designs ,
> > not sure what you ment by the 'gradual' bend ones i've seen the

> > 'standard' right angle connectors but werent' 'gentle' they were 90
> > hard bends is this what you ment?
> >
> >
> > or did you ment if you simply made a gentle arc in the coax vs using
> > a rt angle connector tht a good connector rt angle adapter was better
> >
> >
> > i'd like to put a few adapters both F/F and rt angles on but didn't
> > want to do it if it would kill me loss wise
> >
> >
> > thanks
> Both are 90 degree elbows- from my measurements the ones that have a square
> block of metal at the elbow were fine. The ones that looked like a 90 degree
> plumbing sweep had bad return loss. This may vary from mfg to mfg, but Al
> Ward W5LUA who has had experience up through 24GHz agrees.
> Perhaps I'll get time and inclination to mill one of the sweep styles open
> and see what's up.
> Dale W4OP

<<that would be a very interesting experiment I guess i could hack saw
open a regular 90 elbow rt angle but i thinkk i know what i would find
and guess why they wouldn't work well could be wrong i have no test
gear.... but i couldn't open the 'square' one it's not easy to hacksaw
the one i have has a 'screw' at the square elbow but its cosmetic it
won't 'openup'

i really should find someone w/some sort of test rig and take some
N-->pl259 and etc adapters as well as some 90 adapters and do a
experiment if i win the lotto i'd buy a rack of test gear (only a
ham nerd would do that)

thanks very much

46. Re: Inv V metal /fiberglass

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 12:02:49 UTC
From: ml <m@di.net>
Message-ID: <m-D7094C.08025501102006@news.verizon.net>
Source record: 51870

In article <1159654719.898728.190110@m7g2000cwm.googlegroups.com>,
"Wimpie" <wimtel@tetech.nl> wrote:

> I know from various documents written by amateurs that there is a lot
> of antenna related expertise within the Amateur Ccommunity (from which
> I believe many are professionals). Many times it is difficult to
> figure out who is telling "the facts".
>
> Regarding classes, I am sure there are, but mostly are very expensive.
> In the Netherlands there are a few companies that offer courses on
> antenna design. Sometimes they are cancelled because of lack of
> attendees.
>
> With respect to books, many books tell you how to build an antenna from
> a drawing (and not the theory behind it), other books tell you the
> theory behind it, but require differential vector calculus.
>
> It took me many years to understand antennas at the same level as my
> electronic design activities.
>
> Given all this, I still like experimenting with antennas! I just
> finished a design for the coming "Jamboree on the Air" to be held
> during the weekend of 22 October (Scouting activity).
>
> Best Regards,
>
> Wim
> PA3DJS

sounds like you are having fun, goodluck at the jamboree what type of
antenna did you design?

I live in nyc, and couldn't travel that far to take a class actually
my crazy dream was to have the class here around nyc and more
'practical' ham related going over different antenna topics (for ex)
from the simple/to advanced 'stuff' theory/design/actual etc

maybe a few other related topic's heck i cant even find any good
videos or classes to cover upgrading to Extra, i have the arrl book,
it's more of a test guide than a step by step too bad there wasn't
a instructor led upgrade to extra class around i'd pay up

i think i knew of a few places that used to give begginers training but
not sure if those same ones' are still around

my local ham store had test gear i used to be able to 'play with' but
they closed up long ago

i may be wrong statistically speaking but i think it's odd that the
states w/the highest ham population by far have the least ham radio
stores

ps my ex girlfriend was from freezland

thanks for all
ml

47. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 12:56:47 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1159707407.782529.173280@i3g2000cwc.googlegroups.com>
Source record: 51871
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

LenAnderson@ieee.org wrote:
> From: Nada Tapu on Sat, Sep 30 2006 2:23 pm
>
>
> >On Fri, 29 Sep 2006 20:56:08 -0400, Mark@kb9rqz.net wrote:
>
> >>no slow code the number are down because with Code testing looks so
> >>stpupid
> >
> >The numbers are down for a variety of reasons, but I suspect that
> >computers and the internet are the major factors, not the CW
> >requirement.
>
> The ready-built Personal Computer first appeared in 1976,
> 30 years ago (the "IBM PC" debuted in 1980, 26 years ago).
> The Internet went public in 1991, 15 years ago.
> "Restructuring" to drop the morse test rate to 5 WPM
> for all such tests happened only 6 years ago.
>
> The peak licensing of 737,938 happened on 2 Jul 03, just
> 3 years ago. [they've been dropping at an average of 7K
> per year ever since]
>
> I disagree on your reasons stated in your quote above.

Ronald Reagan once said, "Facts are stupid things."

> >When I ask technical people about why they haven't
> >acquired an interest in amateur radio, I never get the CW requirement
> >as a response.
>
> Strange, I hear that response. Having been IN radio-
> electronics for over a half century, I DO know some
> "technical people." :-)

It IS the Code.

> Manual radiotelegraphy was a MUST to use early radio
> as a communications medium. The technology of early
> radio was primitive, simple, and not yet developed.
> On-off keying was the ONLY practical way to make it
> possible to communicate. Morse code was then already
> mature and a new branch of communications was open
> to use by downsized landline telegraphers.

Telegraph.

> > They simply view the whole service as outmoded in the
> >face of modern telecommunications.
>
> PART of that IS true. NOT all of it.
>
> What IS outmoded (technically) is sitting only on HF
> and "working" other stations with morse radiotelegraphy.
> Amateur radio is the ONLY radio service still using
> morse radiotelegraphy for communications purposes.
>
> Another thing outmoded is the strict "necessity" to use
> a formalism in "procedure" AS IF it was "professional"
> radio. That formalism was established between 50 to 70
> years ago. Amateur radio, by definition, is NOT
> professional. Too many olde-tymers want to PRETEND
> they are pros in front of their ham rigs.
>
> But, there is still an enormous area of the EM spectrum
> that is still open for experimentation, for just the fun
> of doing something out of the ordinary above 30 MHz.

ABOVE 30 mhz? Hmmmm?

http://www.arrl.org/news/stories/2006/09/26/101/?nc=1

> That can be a very different RF environment, much much
> different than the technology available in the 20s and
> 30s. It has exciting possibilities...except for the
> rutted and mired olde-tymers unable to keep up with new
> things, secure in their own dreams of youth and simple
> technological environment.
>
> >Let's face it.. the romance is gone.
>
> Oh, boo hoo...the "romance" of the 1930s is gone? Yes,
> it IS. The "pioneering of the airwaves" below 30 MHz
> has been DONE...mostly by the pros of radio (despite what
> the ARRL claims). DONE a long time ago.

Then why are we: http://www.arrl.org/news/stories/2006/09/26/101/?nc=1

> The solid-state
> era came into being about 45 years ago and has
> revolutionized ALL electronics (radio is a subset of that).
>
> Except as memorabilia trinkets of the past, GONE is the
> analog VFO, GONE is the one-tube regenerative receiver,
> GONE is the single-crystal-single-frequency Tx, GONE is
> the big, bulky AM modulator amplifier, GONE is the not-
> knowing-when-the-bands-are-open (solar activity and
> ionosonding solved that and HF MUF is a predictable

> item that can be found by a computer program). Except
> for the boatanchor afficionados, vacuum tubes are GONE
> for nearly everything but high-power transmitters.
>
> The radio world of today is NOT that of 1950, nor of
> 1960, nor 1970, nor even 1980s. It keeps changing,
> advancing, the state of the art never static. For the
> stuck-in-the-mud olde tymers that is terrible...they
> feel insecure on not being able to keep up, become
> aggressive to newcomers ("no kids, lids or space
> cadets") and retreat to the "secure" mode of their
> youth, "CW." But, they want to make sure They get
> the respect they feel they've "earned" (as if) so
> they try and try and try to bring all down to THEIR
> level...the code test MUST stay..."because."
>
> There are 100 million two-way radios in use in the USA
> alone, millions more in other countries. Those are the
> cellular telephones. There are millions of VHF and UHF
> transceivers in the USA, working daily for public
> safety agencies, ships, private boats, air carriers as
> well as private airplanes. There are tens of thousands
> of HF transceivers in use in the USA, users being
> everyone from government agencies to private boat
> owners, ALL exclusive of amateur radio users. Where is
> the "romance" in all this Plenty from a cornucopia that
> all have grabbed? It is GONE, yes.
>
> But, NEW "romances" await. DIFFERENT ones, I'd say a
> helluva lot more complex than old, simple "radio." We
> can't relive old "romances" except in our minds and we
> can't grow physically younger. Only person-to-person
> romance is TRUE, the other "romance" is of the
> imagination, of the fantasy of what was once there.
> This fantasy "romance" can't be brought back. It can't
> be legislated into remaining static. The rules and
> regulations have to change to keep up with the NOW.

Ore even to move us into the future... Leadership.

> LenAnderson@ieee.org

48. Re: Optimising a G5RV

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 13:41:12 UTC
From: jawod <jawod@fuse.net>
Message-ID: <451FC578.80800@fuse.net>
Source record: 51872

Owen Duffy wrote:
> Some months ago I put some thoughts together to assist our newly
> minted 6-hour hams who seem attracted to either short end-fed wires
> (although they refer to them as long-wires) or G5RVs.
>
> This article deals with optimising a typical G5RV (as distinct from an
> optimal G5RV).
>
> I ceased efforts when it became apparent that the procedure was beyond
> the base competency level for our Foundation Licence, and therefore
> beyond the target audience. (Another issue was that it required
> transmitting a test carrier on 20m which is not one of their permitted
> bands, so technically they would need assistance.)
>
> Nevertheless, I looked over it today and fixed a few typos.
>
> http://www.vk1od.net/G5RV/optimising.htm
>
> Comments welcome.
>
> Owen
> --
Owen,
That's an excellent job!
You're obviously a good man. Eliminate the pomposity and you'd be a
veritable saint.

49. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 14:19:25 UTC
From: Jack Ricci <ricci@mnsi.net>
Message-ID: <efoiph02p2h@enews3.newsguy.com>
Source record: 51874
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Al Klein" <rukbat@pern.invalid> wrote in message
>You don't like CW because you can't tell emotions on CW. Since you
>can't tell emotions on Usenet, you evidently don't like Usenet. Or
>you're being inconsistent.

··· _ _ _ ··· ··· _ _ _ ··· ··· _ _ _ ···

· _ _ _ _ _ _ ·· _ _ _ _. ··· · _ · ··_ _. _. ··
_· _ _ · ···· ·· _ _. ···

· _ _ _ ·_ _·_· _·_

news:50buh2994btd26dtaoq0i5qhi7kjo4s23o@4ax.com...
> On Sun, 01 Oct 2006 02:27:51 GMT, Opus- <jbuchy@shaw.ca> wrote:
>
>>On Sat, 30 Sep 2006 14:54:46 -0400, Al Klein <rukbat@pern.invalid>
>>spake thusly:
>>>On Sat, 30 Sep 2006 06:54:33 GMT, Opus- <jbuchy@shaw.ca> wrote:
>
>>>You're simply wrong. Humans are aural creatures. Argue with me when
>>>you get enough education in the subject that you're qualified to
>>>discuss it.
>
>>Are YOU qualified? We gather more information about our environment
>>from vision than any other sense.
>
> We gather more information from fellow humans by words than by any
> other means. And words aren't processed in the visual cortex, not
> even written words.
>
>>Ever have a pet cat or
>>dog that was blind and deaf? I have and you would be surprised how
>>well then can adapt with just the sense of smell and touch alone.
>>Humans need some degree of assistance.
>
> Apples and oranges. Deaf-blind people get along pretty well too, if
> they're given food, water and all the comforts of home by someone
> else.
>
>>Why would I want to leave usenet?
>
> You don't like CW because you can't tell emotions on CW. Since you
> can't tell emotions on Usenet, you evidently don't like Usenet. Or
> you're being inconsistent.

>
>>>> I don't speak Ukrainian but I sure knew when my grandmother
>>>>was mad at me.
>
>>>Not by her words, though, which is what you're claiming. So tell me,
>>>what mood am I in at the moment? Evidently, since Usenet is a visual
>>>medium, you can tell.
>
>>I never said I could tell by her words.
>
> That's what this discussion is about, so I guess the grandmother story
> is just a red herring.
>
>> Usent is text, by the way, not visual.
>
> I'll have to start using my ears to read your posts, then.
>
>>>>>Your insularity is showing.
>
>>>>Not insularity...humanity.
>
>>>Which has nothing to do with communication, which every life form
>>>participates in - even those who have no analog of vision.
>
>>Not quite sure what point you are making here.
>
> The discussion was about communication. YOUR discussion. You started
> it. Did you forget what you were talking about?

50. Re: Optimising a G5RV

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 14:21:45 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Z9QTg.10209$6S3.7927@newssvr25.news.prodigy.net>
Source record: 51873

jawod wrote:
> Owen Duffy wrote:
>> I ceased efforts when it became apparent that the procedure was beyond
>> the base competency level for our Foundation Licence, Comments welcome.

> Man,
> Get over yourself!

In Transactional Analysis, we call that a crossed
transaction. :-)
--
73, Cecil http://www.w5dxp.com

51. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 14:41:48 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <MsQTg.10212$6S3.200@newssvr25.news.prodigy.net>
Source record: 51875
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Jack Ricci wrote:
> .... .. _ _. ...

Jack, what does "HIGS" mean? Is that a name for
Hams who are pIGS? :-)
--
73, Cecil http://www.w5dxp.com

52. Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 14:46:49 UTC
From: Jack Ricci <ricci@mnsi.net>
Message-ID: <efokcn02s86@enews3.newsguy.com>
Source record: 51877
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

These are serious questions I have of CW operation, with no harm, malice, hurt, or put-downs intended for anyone, so I hope this thread does not degrade to that point.

When listening to CW on my scanner, are there any tell-tale indications that the operator is dyslexic? Does a dyslexic ham use the same speed, protocol and " short-hand/short-form wording " as a more proficient ham would use in communicating CW? Do dyslexic hams ever really use CW, or would dyslexic hams ever even consider the use of CW on a regular basis? Are dyslexic would-be hams able to pass the CW portion of an exam to get into a higher class of license and increased privileges?

I meant these as very real and serious questions. I have a dyslexic daughter which I'm still trying to comprehend and understand by trying to view reality as she sees it. Wifey and I are somewhat still feeling guilty of having eroded her self-esteem when we were raising her by using usual methods of discipline when she screwed-up excessively, until we finally realized that there was a very real problem that needed dealing with, but in non-usual ways. This is 25 years later, and I still feel like shit about the situation and go way out of my usual way to help her without making the other 3 siblings feel left out, so maybe we should lighten up on some of the dyslexic guys/gals in these newsgroups for having the balls to be here in the first place, let alone wanting to communicate with those who do not have a dyslexia problem.

More power to the dyslexics...I think they should be made to feel welcome. The crappy name-calling should stop, though.

Jack

53. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 14:50:54 UTC
From: Mark@kb9rqz.net
Message-ID: <pdlvh21hfdh1tjg014eq80hun8ut4iir07@4ax.com>
Source record: 51876

On Sun, 01 Oct 2006 01:48:05 -0700, Baloo <baloo@ursine.ca> wrote:

>LenAnderson@ieee.org wrote:
>
>> Nada Tapu wrote:
>>> On Sat, 30 Sep 2006 21:06:23 -0400, Mark@kb9rqz.net wrote:
>>>
>>> >yes you are stupid and anothe rof the usenet cowards
>>>
>>> This discussion is over. You lose. And to prove it, you had to get
>>> personal and I didn't. I will not engage in a reasoned debate with an
>>> individual such as you. If you really are an amateur operator, and I
>>> sincerely doubt that you are, do us all a favor and keep your seething
>>> hatred and childish foot stomping off of the bands.
>>>
>>> NT
>>
>> If you really are an amateur operator, why can't you give out
>> your license callsign?
>
>Probably because it's not safe to go waving around more information than you
>have to.
Robeson and Wismen assure it is prefectly safe to do so
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

54. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 15:10:21 UTC
From: "kb9rqz-1@hotmail.com" <kb9rqz-1@hotmail.com>
Message-ID: <1159715421.503387.138180@m7g2000cwm.googlegroups.com>
Source record: 51878
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Jack Ricci wrote:
> These are serious questions I have of CW operation, with no harm, malice,
> hurt, or put-downs intended for anyone, so I hope this thread does not
> degrade to that point.
>
> When listening to CW on my scanner, are there any tell-tale indications
> that the operator is dyslexic? Does a dyslexic ham use the same speed,
> protocol and " short-hand/short-form wording " as a more proficient ham
> would use in communicating CW? Do dyslexic hams ever really use CW, or would
> dyslexic hams ever even consider the use of CW on a regular basis? Are
> dyslexic would-be hams able to pass the CW portion of an exam to get into a
> higher class of license and increased privileges?

some are able to dylexia comes in degrees not all dyslexics are afected
to same degree

OTOH I know of No dyslexic ham that has been able to USE CW onnthe air
without being roundly flamed by the other users of CW
>
> I meant these as very real and serious questions. I have a dyslexic
> daughter which I'm still trying to comprehend and understand by trying to
> view reality as she sees it. Wifey and I are somewhat still feeling guilty
> of having eroded her self-esteem when we were raising her by using usual
> methods of discipline when she screwed-up excessively, until we finally
> realized that there was a very real problem that needed dealing with, but in
> non-usual ways. This is 25 years later, and I still feel like shit about the
> situation and go way out of my usual way to help her without making the
> other 3 siblings feel left out, so maybe we should lighten up on some of the
> dyslexic guys/gals in these newsgroups for having the balls to be here in
> the first place, let alone wanting to communicate with those who do not have
> a dyslexia problem.
>
> More power to the dyslexics...I think they should be made to feel
> welcome. The crappy name-calling should stop, though.

it will not stop however people like Steve have too much of their ego
coming from beating up this cheap target to do otherwise
>
> Jack

55. Re: Fair Question For Dyslexic Hams...One Of Whom is NOT KB9RQZ

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 15:19:55 UTC
From: K4YZ <stevenrobeson@yahoo.com>
Message-ID: <1159715995.546642.43660@m73g2000cwd.googlegroups.com>
Source record: 51879
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

kb9rqz-1@hotmail.com wrote:
> Jack Ricci wrote:
> > These are serious questions I have of CW operation, with no harm, malice,
> > hurt, or put-downs intended for anyone, so I hope this thread does not
> > degrade to that point.
> >
> > When listening to CW on my scanner, are there any tell-tale indications
> > that the operator is dyslexic? Does a dyslexic ham use the same speed,
> > protocol and " short-hand/short-form wording " as a more proficient ham
> > would use in communicating CW? Do dyslexic hams ever really use CW, or would
> > dyslexic hams ever even consider the use of CW on a regular basis? Are
> > dyslexic would-be hams able to pass the CW portion of an exam to get into a
> > higher class of license and increased privileges?
>
> some are able to dylexia comes in degrees not all dyslexics are afected
> to same degree
>
> OTOH I know of No dyslexic ham that has been able to USE CW onnthe air
> without being roundly flamed by the other users of CW

Oh?

Such as whom?

Prove it...Give us the name of ONE case.

Steve, K4YZ

56. Re: Fair Question For Dyslexic Hams...stop thread jacking steve

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 15:22:59 UTC
From: "kb9rqz-1@hotmail.com" <kb9rqz-1@hotmail.com>
Message-ID: <1159716179.140676.128160@i42g2000cwa.googlegroups.com>
Source record: 51880
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

K4YZ wrote:
> kb9rqz-1@hotmail.com wrote:
> > Jack Ricci wrote:
> > > These are serious questions I have of CW operation, with no harm, malice,
> > > hurt, or put-downs intended for anyone, so I hope this thread does not
> > > degrade to that point.
> > >
> > > When listening to CW on my scanner, are there any tell-tale indications
> > > that the operator is dyslexic? Does a dyslexic ham use the same speed,
> > > protocol and " short-hand/short-form wording " as a more proficient ham
> > > would use in communicating CW? Do dyslexic hams ever really use CW, or would
> > > dyslexic hams ever even consider the use of CW on a regular basis? Are
> > > dyslexic would-be hams able to pass the CW portion of an exam to get into a
> > > higher class of license and increased privileges?
> >
> > some are able to dylexia comes in degrees not all dyslexics are afected
> > to same degree
> >
> > OTOH I know of No dyslexic ham that has been able to USE CW onnthe air
> > without being roundly flamed by the other users of CW
>
> Oh?

Robeson the dog barks some more

57. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 15:52:12 UTC
From: Jack Ricci <ricci@mnsi.net>
Message-ID: <efoo570vc3@enews4.newsguy.com>
Source record: 51883
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:MsQTg.10212$6S3.200@newssvr25.news.prodigy.net...
> Jack Ricci wrote:
>> .... .. _ _. ...
>
> Jack, what does "HIGS" mean? Is that a name for
> Hams who are pIGS? :-)
> --
> 73, Cecil http://www.w5dxp.com

...Nope..." high " was the last word, and I left out a " dot " on the last "
h " to make it an " s " as in " higs " instead of " high " . Just testing
to see if anyone out there cared enough about CW at all to catch
that...Proved my point, I guess :) :) :)

Jack

58. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 15:55:51 UTC
From: RST Engineering <jim@rstengineering.com>
Message-ID: <ryRTg.4$xS3.60476@news.sisna.com>
Source record: 51881
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

The two of you jerks have made a cesspool out of .misc and .policy. Take this crap to the sewer you have made for yourselves and don't foul this nest with your rantings and ravings.

To the op, I realize the question was asked in sincerity, and I don't have a good answer.

Jim

<kb9rqz-1@hotmail.com> wrote in message news:1159715421.503387.138180@m7g2000cwm.googlegroups.com...
>
> it will not stop however people like Steve have too much of their ego
> coming from beating up this cheap target to do otherwise

59. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 16:03:15 UTC
From: Mark@kb9rqz.net
Message-ID: <mkpvh2l71ds08ktsp92rb3vkucogvp5jd2@4ax.com>
Source record: 51882
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 1 Oct 2006 08:55:51 -0700, "RST Engineering"
<jim@rstengineering.com> wrote:

>The two of you jerks have made a cesspool out of .misc and .policy. Take
>this crap to the sewer you have made for yourselves and don't foul this nest
>with your rantings and ravings.
>
No Steve did so I simply choose to make it it imposible you to pretend
that steve is not a kjjerk besides you left the other half Wismen
>To the op, I realize the question was asked in sincerity, and I don't have a
>good answer.
>
>Jim
>
>
>
><kb9rqz-1@hotmail.com> wrote in message
>news:1159715421.503387.138180@m7g2000cwm.googlegroups.com...
>>
>> it will not stop however people like Steve have too much of their ego
>> coming from beating up this cheap target to do otherwise
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

60. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 16:30:49 UTC
From: Richard Fry <rfry@adams.net>
Message-ID: <efoqfr$v73$1@emma.aioe.org>
Source record: 51884

> Antenna modeling tools aren't intended to model propagation
> effects. But the stronger the signal radiated in the right direction,
> the stronger the received signal will be. And the strength of the
> radiated signal in each direction is what the antenna modeling
> program shows.

But whenever a far-field NEC model uses any kind of real ground in the analysis, modeling the effects of the propagation environment along with the native radiation launched by the antenna is exactly what occurs.

This is why some think that the far field radiated by a vertical monopole less than 5/8-wave high is zero in the horizontal plane, when in fact at every operating frequency, it is always the highest field the antenna produces.

RF

61. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 17:37:28 UTC
From: "LenAnderson@ieee.org" <LenAnderson@ieee.org>
Message-ID: <1159724248.861097.157000@b28g2000cwb.googlegroups.com>
Source record: 51887
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

hot-ham-and-cheese@hotmail.com wrote:
> LenAnderson@ieee.org wrote:
> > From: Nada Tapu on Sat, Sep 30 2006 2:23 pm
> >
> > >On Fri, 29 Sep 2006 20:56:08 -0400, Mark@kb9rqz.net wrote:
> >
> > >>no slow code the number are down because with Code testing looks so
> > >>stpupid
> > >
> > >The numbers are down for a variety of reasons, but I suspect that
> > >computers and the internet are the major factors, not the CW
> > >requirement.
> >
> > The ready-built Personal Computer first appeared in 1976,
> > 30 years ago (the "IBM PC" debuted in 1980, 26 years ago).
> > The Internet went public in 1991, 15 years ago.
> > "Restructuring" to drop the morse test rate to 5 WPM
> > for all such tests happened only 6 years ago.
> >
> > The peak licensing of 737,938 happened on 2 Jul 03, just
> > 3 years ago. [they've been dropping at an average of 7K
> > per year ever since]
> >
> > I disagree on your reasons stated in your quote above.
>
> Ronald Reagan once said, "Facts are stupid things."

Heh. But, in here, coders are the only ones with "facts." Anything
a no-coder says is "wrong," "in error" and other endearments. :-)

> > >When I ask technical people about why they haven't
> > >acquired an interest in amateur radio, I never get the CW requirement
> > >as a response.
> >
> > Strange, I hear that response. Having been IN radio-
> > electronics for over a half century, I DO know some
> > "technical people." :-)
>
> It IS the Code.

True enough. But...the coders HAVE their rank-status-
privileges and seem to enjoy looking down on no-coders.
All must do as they did or be called "wrong" or "in error."

> > Manual radiotelegraphy was a MUST to use early radio
> > as a communications medium. The technology of early
> > radio was primitive, simple, and not yet developed.
> > On-off keying was the ONLY practical way to make it
> > possible to communicate. Morse code was then already
> > mature and a new branch of communications was open
> > to use by downsized landline telegraphers.
>
> Telegraph.

Early radio was just a telegraph system without poles and
wires between stations. Mythical tales have turned early radio
into something greater than rocket science.

> > > They simply view the whole service as outmoded in the
> > >face of modern telecommunications.
> >
> > PART of that IS true. NOT all of it.
> >
> > What IS outmoded (technically) is sitting only on HF
> > and "working" other stations with morse radiotelegraphy.
> > Amateur radio is the ONLY radio service still using
> > morse radiotelegraphy for communications purposes.
> >
> > Another thing outmoded is the strict "necessity" to use
> > a formalism in "procedure" AS IF it was "professional"
> > radio. That formalism was established between 50 to 70
> > years ago. Amateur radio, by definition, is NOT
> > professional. Too many olde-tymers want to PRETEND
> > they are pros in front of their ham rigs.
> >
> > But, there is still an enormous area of the EM spectrum
> > that is still open for experimentation, for just the fun
> > of doing something out of the ordinary above 30 MHz.
>
> ABOVE 30 mhz? Hmmmm?
>
> http://www.arrl.org/news/stories/2006/09/26/101/?nc=1

Ah, yes, the Great 500 KHz "Experiment." AS IF the 500 KHz
region hasn't ALREADY had 80 years plus of determining
whether or not it works for communications! :-)

Good old League, leading all "Back to the Future." :-)

> > That can be a very different RF environment, much much
> > different than the technology available in the 20s and
> > 30s. It has exciting possibilities...except for the
> > rutted and mired olde-tymers unable to keep up with new
> > things, secure in their own dreams of youth and simple
> > technological environment.
> >
> > >Let's face it.. the romance is gone.

> >
> > Oh, boo hoo...the "romance" of the 1930s is gone? Yes,
> > it IS. The "pioneering of the airwaves" below 30 MHz
> > has been DONE...mostly by the pros of radio (despite what
> > the ARRL claims). DONE a long time ago.
>
> Then why are we: http://www.arrl.org/news/stories/2006/09/26/101/?nc=1

It's about the same as those who love to Re-Enact the
American Civil War or the American Revolutionary War.
Play-acting at "pioneering" over 8 decades after that
frequency region was picked for the first maritime distress
and safety reserved frequency.

> > The solid-state
> > era came into being about 45 years ago and has
> > revolutionized ALL electronics (radio is a subset of that).
> >
> > Except as memorabilia trinkets of the past, GONE is the
> > analog VFO, GONE is the one-tube regenerative receiver,
> > GONE is the single-crystal-single-frequency Tx, GONE is
> > the big, bulky AM modulator amplifier, GONE is the not-
> > knowing-when-the-bands-are-open (solar activity and
> > ionosonding solved that and HF MUF is a predictable
> > item that can be found by a computer program). Except
> > for the boatanchor afficionados, vacuum tubes are GONE
> > for nearly everything but high-power transmitters.
> >
> > The radio world of today is NOT that of 1950, nor of
> > 1960, nor 1970, nor even 1980s. It keeps changing,
> > advancing, the state of the art never static. For the
> > stuck-in-the-mud olde tymers that is terrible...they
> > feel insecure on not being able to keep up, become
> > aggressive to newcomers ("no kids, lids or space
> > cadets") and retreat to the "secure" mode of their
> > youth, "CW." But, they want to make sure They get
> > the respect they feel they've "earned" (as if) so
> > they try and try and try to bring all down to THEIR
> > level...the code test MUST stay..."because."
> >
> > There are 100 million two-way radios in use in the USA
> > alone, millions more in other countries. Those are the
> > cellular telephones. There are millions of VHF and UHF
> > transceivers in the USA, working daily for public
> > safety agencies, ships, private boats, air carriers as
> > well as private airplanes. There are tens of thousands
> > of HF transceivers in use in the USA, users being
> > everyone from government agencies to private boat
> > owners, ALL exclusive of amateur radio users. Where is
> > the "romance" in all this Plenty from a cornucopia that
> > all have grabbed? It is GONE, yes.

> >
> > But, NEW "romances" await. DIFFERENT ones, I'd say a
> > helluva lot more complex than old, simple "radio." We
> > can't relive old "romances" except in our minds and we
> > can't grow physically younger. Only person-to-person
> > romance is TRUE, the other "romance" is of the
> > imagination, of the fantasy of what was once there.
> > This fantasy "romance" can't be brought back. It can't
> > be legislated into remaining static. The rules and
> > regulations have to change to keep up with the NOW.
>
> Ore even to move us into the future... Leadership.

"Ore" from a mine. The pro-coders say "I've got mine, nya-nya."

It's getting to be "Back to the Future, Part Infinity" if things like the Great 500 KHz Experiment is a sign of things to come from the "representative of all amateurs" in Newington.

Their other "Experiment" is a "contest" to see who can best come up with a whole ham station for LESS than $50 in new part costs. Whoever "wins" that gets a really hefty prize of $100 cash and Publication in QST! Oh, and it is 40 meters only, but "allows" SSB voice to be included. :-)

LenAnderson@ieee.org

62. Re: Inv V metal /fiberglass

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 17:43:07 UTC
From: Wimpie <wimtel@tetech.nl>
Message-ID: <1159724586.890351.181690@k70g2000cwa.googlegroups.com>
Source record: 51888

Hello,

Did you have a Dutch Girlfriend? Friesland is one of the northern provinces of the Netherlands (The Frisian capital is Leeuwarden). I live some kilometers north of Utrecht (in the middle of the Netherlands).

Regarding the antenna for the JOTA. It is a simple center fed halve wave double wire dipole (to increase useful bandwidth a bit) with parallel ground wires (1.5m above ground) to reduce the losses in the soil just below the antenna. The height above ground level will be about 11m. According to simulation, the overall radiation efficiency (ground losses included) will be about 80%, so we are not going to heat the worms that much.

It has maximum radiation in a vertical direction. It will be used for local (300km) traffic on 80 meters (Near Vertical Incidence Sky wave). Just 2 days ago we received permission to use a sufficiently large open area (with some domestic sheep) adjacent to the scout's building.

I had some ideas for other antennas (for 40m and 2m), but without permission for using the adjacent land I don't want to spend time and money.

The reason for an antenna optimized for local traffic is that most scouts are a little bit nervous, they are not used to SSB quality sound and their English is not that good for international contacts.

Best Regards,

63. Re: 20 M vertical ground plane antenna performance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 17:44:41 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <a4vvh2ttppl9h9tug13dr9ltr6t179kdsi@4ax.com>
Source record: 51889

ORIGINAL MESSAGE:

On Sat, 30 Sep 2006 17:39:16 -0400, Steve Reinhardt
<stevereinhardt@noearthspamlink.net> wrote:

> Mechanically, it would be easy to put together, but I hate to waste
>the time if it's known to be a poor performer.

---------- REPLY FOLLOWS ----------

A vertical as you describe is a good transmitting antenna but is somewhat more susceptible to picking up local man made noise than is a horizontal dipole. Local noise such as from motors, arcing, etc, starts out with all polarizations but the horizontal component is quickly attenuated by travel over the earth's surface. The vertical component is not, and therefore is received by a vertically polarized antenna. Because vertically polarized signals are not attenuated when using groundwave mode, AM broadcast stations use it exclusively, or very nearly so. They also use enough power to overcome the noise pickup issue.

If you live in a relatively quiet environment, you may not notice the difference, and the vertical will have a very low angle of radiation, good for DX, and will probably outperform the horizontal in that respect.

The best of both worlds is to have both antennas available and be able to switch between them as needed. Highly recommended.

Bill, W6WRT

64. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 17:46:24 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Q9TTg.7142$e66.474@newssvr13.news.prodigy.com>
Source record: 51890
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Jack Ricci wrote:
> ...Nope..." high " was the last word, and I left out a " dot " on the last "
> h " to make it an " s " as in " higs " instead of " high " . Just testing
> to see if anyone out there cared enough about CW at all to catch
> that...Proved my point, I guess :) :) :)

CW is my favorite mode. I'm a member of FISTS (8741).
Strange that I helped design the 8741 at Intel, huh?

Vanilla Bean ice cream is my favorite ice cream. But
I wouldn't dream of forcing my favorite ice cream on
anyone else, including my fellow amateur radio
operators. QSL?
--
73, Cecil http://www.w5dxp.com

65. Re: Optimising a G5RV

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 18:22:40 UTC
From: Walter Maxwell <walt@w2du.com>
Message-ID: <cnvvh210a9pjpjgvrkcbgmclhim9um5eli@4ax.com>
Source record: 51891

On Sun, 01 Oct 2006 01:12:02 -0400, jawod <jawod@fuse.net> wrote:

>Owen Duffy wrote:
>> Some months ago I put some thoughts together to assist our newly
>> minted 6-hour hams who seem attracted to either short end-fed wires
>> (although they refer to them as long-wires) or G5RVs.
>>
>
>>
>> I ceased efforts when it became apparent that the procedure was beyond
>> the base competency level for our Foundation Licence,
>> Comments welcome.
>>
>> Owen

Hi Owen--great job! But you said "comments welcome", so please don't be offended by what I have to say.

I have always been curious about all the hype, excitement, and marketing popularity of the G5RV, So I included a section on this antenna in both editions of Reflections, ed 1 in 1990, and ed 2 in 2001, in an attempt to educate the newcomers to its realities. So I invite you to read the pertinent section from the book below:

The following is a quote from Chapter 20 in "Reflections-Transmission Lines and Antennas," authored by W2DU.

"Sec 20.2.4 The G5RV Antenna

With this background on random-length dipoles behind us, it seems appropriate to make a critical examination of a particular 102-foot dipole that is enjoying a great deal of popularity--Louis Varney's G5RV dipole. In spite of its popularity, its operation is not well understood among many amateurs, so I'll shed a little light on the G5RV. First of all, the reason for the 102-foot length for the G5RV is no secret, but it is not well known. Being unaware of certain antenna principles, many amateurs have come to believe that there is some sort of magic in the 102-foot length, and that their all-band success with this antenna is dependent on this specific length. Nothing could be further from the truth, because, except for 20 meters (as I'll soon explain), any random length of at least 3 lambda/2 long at the lowest operating frequency will perform equally well.
What is the significance of the 102-foot length? Unbeknown to many amateurs who use it, Varney designed the antenna to be a resonant 3 lambda/2 radiator on 20 meters--that length is 102 feet. He had two specific reasons for selecting 3 lambda/2 on 20--he wanted a four-lobe radiation pattern and a low feed-point impedance. The 3 lambda/2 was a clever choice, because this length yields a

four-lobe pattern, in addition to a low feed-point impedance that can be matched to a 50-ohm line with a line transformer without requiring an antenna tuner. As Varney also intended, this 102-foot length results in a strictly random length on all bands except 20, so except for the 20-meter considerations I've just described, there is no magic whatever to this length. The last comment in the previous paragraph should be taken seriously. It should be noted that the 102-foot length of the G5RV is almost exactly the length I recommended above for a random-length antenna, 3 lambda/8 at the lowest frequency of operation, because 100 feet is the length required for 3 lambda/8 at 3.5 MHz.
On 20 meters, the input impedance of the 3 lambda/2 G5RV radiator is low because the feed point is at the center of the central 1/2 wl portion. Hence, the impedance (the resonant resistance) is only moderately higher than if the outer 1/2 wl sections were eliminated, leaving a single 1/2 wl dipole. At the frequency of mid-band resonance, the free-space feed-point impedance is approximately 100 + j0 ohms, which reduces to around 90 + j0 ohms at a convenient height above ground. This results in a mismatch of about 1.8:1 relative to 50 ohms. Varney's choice of the 34-foot line-transformer matching section, 1/2 wl on 20 meters, was to make a 1:1 impedance- transformer that repeats the 90 + j0 antenna impedance at its input terminals. Thus, with a suitable choke balun to make a transition from a balanced to an unbalanced line, the low 1.8:1 mismatch makes connecting to a 50-ohm line feasible without requiring an antenna tuner. The SWR on a 1/2 wl matching section of 300-ohm line is around 3.3:1, while on a 450-ohm line it is about 5:1. Keep in mind that these considerations apply only to 20-meter operation. On all other bands, the G5RV antenna terminal impedance is much higher and reactive, resulting in a higher SWR and making the use of an antenna tuner imperative. Incidentally, the length of a 3 lambda/2 radiator may be found using the long-wire antenna formula
length in feet = 492(n - 0.05)/f MHz, (Eq 20-3)

where n = the number of half wavelengths in the radiator

It is unfortunate that many amateurs believe that the balun should be omitted. These people have been misled, because failure to include a balun between the balanced open wire and the unbalanced coax results in RF radiation in the shack from current flow on the outer surface of the coax shield.
In addition to the misunderstanding concerning the "magical" 102-foot length of the G5RV, there are also other areas of confusion focused on this antenna, some concerning the role of the feed line. There are some who believe that a particular combination of open-wire and coaxial feed line yields a perfect 1:1 match on all bands without a tuner. As stated above, this is true only on 20 meters. Others believe that because the 102-foot dipole length is shorter than 1/2 wl on 80 meters, a certain length of the feed line is a folded-up portion of the antenna to make up for the difference in length, and that the folded-up portion radiates along with the antenna. Still others believe certain lengths of feed line are to be avoided to prevent "antenna current" from flowing on the feed line because of line resonance. Patently untrue! I wish I knew how these myths originate.
My own involvement with the G5RV antenna dates back to the early '70s when I began lecturing on SWR and reflections on transmission lines. My lectures promoted the use of antenna tuners with open-wire feed line on random-length antennas as the best way to achieve all-band operation. I also promoted the

concept that the correct length of feed line is that which is required to reach from the antenna terminals to the tuner, because, regardless of the length of the feed line, both the feed line and the antenna are made resonant by the conjugate matching action of the tuner. Hence, there is no reason to avoid certain lengths to prevent line resonance, because the tuner makes them resonant anyway.

I first heard of the G5RV when someone in my audience described his 102-foot antenna with open-wire and coax feed line. He claimed it gave him a 1:1 SWR on all bands without a tuner. I told him he must have a lossy coax to get 1:1, because I knew a 1:1 would be impossible with such an arrangement without some exceptionally high resistive loss somewhere in the antenna system. After hearing several more identical claims in later lecture sessions, I analyzed the antenna on all bands, observing it to be the 3 lambda/2 that it is on 20 meters, but a random length on all other bands, so I felt confident in rebutting the ridiculous "1:1 on all bands without a tuner" claims. Incidentally, Varney published an update of the G5RV in The ARRL Antenna Compendium, Volume 1 (Ref 112), in which he presented the same specifications for the antenna that I described above, which confirms my earlier observation that his antenna is 3 lambda/2 on 20 meters, and a random length on all other bands.

Let's now examine the other myths and confusion concerning the G5RV that I mentioned earlier. First, we'll consider the feed-line combination believed to yield a 1:1 match on all bands. It has been written that the combination of 33 feet of open-wire line, plus 68 feet of 50-ohm coaxial line will yield such a match. Don't you believe it! A determination of the G5RV antenna-terminal impedance on all bands shows that there is no length of open-wire line of any characteristic impedance Zo that will transform the antenna impedance Za to an impedance that is even close to presenting a match to 50- or 75-ohm coax, except on 20 meters. However, when fairly long lengths of coax follow a length of open wire, the high SWR appearing at the junction of the open wire and the coax will be reduced significantly at the input of the coax because of the attenuation loss in the coax, especially at the higher frequencies. The longer the coax, the lower the input SWR, but remember that this method of lowering the SWR is costly in terms of lost power. Because an antenna tuner is necessary anyway, except on 20 meters, it makes no sense to use any coax at all. Coax performs no useful function in the feed system, and it consumes power unnecessarily because of the high SWR. A more sensible method is to run the open-wire line all the way to the tuner and eliminate the coax entirely.

Second, let's consider the length of feed line believed to be a folded-up portion of the antenna that radiates. Radiation occurs when the electromagnetic field developed by current flow on a conductor is not canceled by an opposing field developed by an equal current flowing in the opposite direction. Hence, radiation occurs as a result of current flowing on an antenna. However, antenna current ceases being antenna current at the antenna terminals, because once it enters the transmission line, the current becomes transmission-line current, with the current in the two conductors flowing in opposite directions. There is no radiation from any portion of the line, because the fields developed by the currents flowing in opposite directions in the two conductors oppose and cancel each other throughout the entire length of the line. Therefore, no portion of the feed line becomes part of the antenna."

Owen, I didn't include this to detract from your excellent work--you've done a great job. But my position is that since an antenna tuner is necessary anyway for the antenna to be multibanded, why insert any coax at all?

Walt, W2DU

66. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 18:23:40 UTC
From: Dudley <anon@anon>
Message-ID: <blj1s.qg9.17.1@news.alt.net>
Source record: 51885
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"RST Engineering" <jim@rstengineering.com> wrote in message
news:ryRTg.4$xS3.60476@news.sisna.com...
The two of you jerks have made a cesspool out of .misc and .policy. Take
this crap to the sewer you have made for yourselves and don't foul this nest
with your rantings and ravings.

To the op, I realize the question was asked in sincerity, and I don't have a
good answer.

Jim

==
Nor does Mark, but that won't refrain him from flooding the newsgroups.
Perhaps he could get a handle on CW if it were sent backward and upside
down? That way, with his head being where it is, perhaps he could "read" it.

www.marksspamblog.blogspot.com

67. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 18:28:47 UTC
From: Dudley <anon@anon>
Message-ID: <bljbg.rj9.17.1@news.alt.net>
Source record: 51886
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

<Mark@kb9rqz.net> wrote in message
news:mkpvh2l71ds08ktsp92rb3vkucogvp5jd2@4ax.com...
On Sun, 1 Oct 2006 08:55:51 -0700, "RST Engineering"
<jim@rstengineering.com> wrote:

>The two of you jerks have made a cesspool out of .misc and .policy. Take
>this crap to the sewer you have made for yourselves and don't foul this
nest
>with your rantings and ravings.
>
No Steve did so I simply choose to make it it imposible you to pretend
that steve is not a kjjerk besides you left the other half Wismen
>To the op, I realize the question was asked in sincerity, and I don't have
a
>good answer.
>
>Jim
>
>
>
><kb9rqz-1@hotmail.com> wrote in message
>news:1159715421.503387.138180@m7g2000cwm.googlegroups.com...
>>
>> it will not stop however people like Steve have too much of their ego
>> coming from beating up this cheap target to do otherwise

Gee, Mark. I really wish you'd speak English.

68. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 18:29:22 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <%JTTg.24999$8s6.13865@bignews4.bellsouth.net>
Source record: 51892

Felix let me introduce you to Art, Art this is Felix. I am sure the two of you have much in common.

"Felix" <Felix.2eup6n@news.radiobanter.com> wrote in message news:Felix.2eup6n@news.radiobanter.com...
>
> ricknj10@hotmail.com[/email Wrote:
>> (Rick) wrote:
>> -
>> d an antenna radiation-
>> resistance of 0.2 ohms, assuming a lossless matching network and
>> radiator, I get an efficiency of 12% over PERFECT earth. Taking the
>> ground reflection losses into account over average ground, it's about
>> 5%. This is assuming PERFECT matching network and a very good (maybe-
>> - new hams out there take their 38 bucks and apply it to their inverted
>> L
>> project for 160m, or a copy of ON4UN's low band DXing book-
>> ...
>> Rick K2XT-
>>
>>
>> I am sorry, that some people oppose so strongly
>> against what I said about my experience I gained
>> with the new HB9ABX Roomcap antenna.
>> They have no idea what they are talking about.
>> They criticize without having seen what they talk about.
>> The referenced antenna books describe what they know about antennas.
>> This is applicable for the traditional antennas, not for the
>> new concept of the RoomCap.
>>
>> I know very good the losses that may occur in antenna systems
>> and especially in ground losses.
>> That is, why the RoomCap antenna has its own new grounding system
>> to prevent such losses.
>>
>> If in the past all new discoveries were treated that way, the world
>> would still be
>> flat and the earth would be the centre of the universe ...
>>
>> ---
>>
>> If you are feeding the antenna with 1 KW real power,
>> and the in total, less than 70 W is converted to heath,
>> then 930 W is radiated by this antenna.

>>
>> And the special grounding system is assuring that
>> the radiated power is not burned by the surrounding ground,
>> and is radiated efficiently into the space.
>>
>> The result is, that I am told frequently:
>> You are the strongest station I hear presently
>> on this band.
>> That happend many time last week on 40m,
>> and was reported by many UK stations.
>>
>> ---
>>
>> And read the comment I received from my 160m tests
>> (with a 3 m long radiator):
>>
>> Hello Felix,
>> after our fantastic QSO on 160m we (Peter,DL1BLD)
>> and I (Heino, DJ5ER) we were completely surprised
>> with what a strong field strength you arrived in Bremen.
>> We would like to know how such an antenna can
>> be built (also for the other HF bands).
>>
>> 73 from Bremen .... (QRB = 600 Km)
>>
>> - and -
>>
>> Hello Felix.
>> Congratulations for your antenna work.
>> You are the first mobile station on 160 meters for me.
>> Even you are stronger as the Germans on 160 meters.
>> I give you on 1.862 Mhz S 9+15 db in the peak!!
>> The background noise level was S 8 during our QSO
>>
>> Hope to meet you agn for next report and test.
>>
>> Piet Schipper / PA0QRS (near Rotterdam)
>>
>> Schipper mobiele Telecom
>> 2931 LH Krimpen a/d Le
>> --- --- ---
>>
>> Would you obtain such reports with
>> a "dummy load" antenna ?
>>
>> 73s
>> Felix HB9ABX
>
>
>

>
> --
> Felix

69. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 18:31:28 UTC
From: Mark@kb9rqz.net
Message-ID: <cb20i25p815gcev3na3j0mri9psnn6k2ib@4ax.com>
Source record: 51893
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 1 Oct 2006 13:28:47 -0500, "Dudley" <anon@anon> wrote:

>Gee, Mark. I really wish you'd speak English.
but I do you just choose tnot to understand steve
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

70. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 18:35:52 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <6QTTg.25002$8s6.6409@bignews4.bellsouth.net>
Source record: 51894

<n3ox.dan@gmail.com> wrote in message
news:1159492231.002045.263130@i3g2000cwc.googlegroups.com...
> Ah, the perennial cry of the pseudoscientist. I am misunderstood! My
> idea will change the WORLD.
>
> But then, you offer no real evidence. You're basically giving a
> supernatural explanation for the operation of the antenna. The RF
> current flow is a ghost.. it's a haunted antenna. What measurements do
> you have to show that your grounding system does what you say?
>
> A very, very inefficient antenna can get you good signal reports.
> You're trying to get people to send you cash for your haunted antenna,
> so you won't do real measurements. You don't really know how much
> power is being radiated by this antenna, and never will we, unless we
> send you money.
>
> Dan
>

Sounds like the junk ads you see on TV where the real profit is in the
shipping and handling.

71. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 18:40:19 UTC
From: Mark@kb9rqz.net
Message-ID: <oq20i2dos2vd3g787bk3psh8sig2tv40qe@4ax.com>
Source record: 51895
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Sat, 30 Sep 2006 11:36:42 -0400, Mark@kb9rqz.net wrote:

>On Sat, 30 Sep 2006 08:05:16 -0400, Dave <W1MCE@comcast.net> wrote:
>
>>Cecil Moore wrote:
>>
>>> Dave wrote:
>>>
>>>> NO! I can't have a QSO with a no-code ham.
>>>> They can't copy CW!!! So, No QSO!
>>>
>>>
>>> So you wouldn't respond to a Mayday and save a life?
>>> Nice guy.
>>
>>How does one say mayday on CW? My radio only works on the bottom 25 KHz of the
>>HF bands.
>then you are a porrly equiped ham and should turn your license in for
>the good of the ars
>http://kb9rqz.blogspot.com/
I am fairly well equipped: IC-756 Pro III, IC-746, AL-80B amplifier,
ANC-4 noise
canceller, MFJ 1025 Signal enhancer, TS-570D, AMP SUPPLY LK-450
Amplifier, G-707
[2 & 440], plus computer ... and these are the things on my operating
table.

IC-706 MKIIg & AH-4 in the mobile. Plus 2 HTs.
then you are a lying in claiming your radio only work on the bottom 25
khz

http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

72. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 18:53:49 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <kr00i2dmdjs66rb3k2vpsv2i8iluht3chi@4ax.com>
Source record: 51896

On Sun, 1 Oct 2006 11:30:49 -0500, "Richard Fry" <rfry@adams.net>
wrote:

>This is why some think that the far field radiated by a vertical monopole
>less than 5/8-wave high is zero in the horizontal plane, when in fact at
>every operating frequency, it is always the highest field the antenna
>produces.

Given the anachronism of mixing the explicit far field with the
implication of an unexpressed near field in the statement above, it is
reasonable that some might "think" something. The bare statement is
rather given to pondering, wondering, and ultimately puzzling:

What is the comparison being made?

A vertical monopole to a 5/8-wave high antenna? A vertical monopole
that IS a 5/8-wave high antenna? The far field to the near field? For
either a vertical monopole OR a 5/8-wave high antenna? For the same
vertical 5/8-wave high monopole antenna?

To what purpose?

Are we being steered toward the argument that the far field
representation of radiation would force someone to renounce their
experience of a strong signal received, at ground level, and within
sight of the antenna? This may appear to offer the temptation of a
paradox, but such opportunity is so rare as to be wholly outside of
the commonplace MF/HF activity of Hams.

After-all, even considering AM frequencies (160M) and that 5/8-wave
tall structure, there is no such thing as a zero angle signal beyond
26 miles. This range would be a stretch even then, as it demands an
angle depressed BELOW zero degrees from the aeronautical beacon at the
very top of the antenna. The zero angle range must then be something
radically less. And being less, it would be of no interest to the
average Ham. Thus the paradox of confabulating two different
radiation characteristics is lost.

As often happens, ray-tracing demands an origin, and yet an antenna
radiates from the WHOLE of its surface, not the aeronautical beacon,
nor its base insulator. To obtain that zero angle radiation
characteristic demands that the entire antenna (or certainly a
majority portion of it) be in sight. Let's simply mandate the average
height of a 5/8ths-wave for the 160M band being a 50M high point
origin for this ray-tracing exercise. The zero angle would fly over
the head of every radio in the audience who lived below that height.
In fact, most ordinary Hams would be hard pressed to erect an antenna

that high in the first place. Again, common experience would dictate a healthy signal, but it would not be a treasured DX contact, and it would probably be considered obnoxious QRM.

Even though such a signal (seeing only half the height of the antenna) comes from being 18 miles away (on a billiard ball smooth planet), it demonstrates the NEAR FIELD properties of optical ray-tracing and what would be called a zone of confusion. 18 miles away is well outside of the RF near field, but the argument of radiation lobes's characteristics is an optical geometry and 18 miles is sufficiently close enough to confound the two meanings arrived at in the quote above.

73's
Richard Clark, KB7QHC

73. 2.45 GHz Helix with a modified GPS Antenna Preamplifier

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 18:56:30 UTC
From: "Helmut Wabnig"
Message-ID: <pg30i29l8d31mufja94tplk3lad3cbb9k2@4ax.com>
Source record: 51897

hello!

A very successful project, indeed. I am still surprised *how* good
that thing works! Of course, receive only, unfortunately.
I made it in a few minutes. A thoroughly planned and carefully
designed project would have failed, sure.

http://members.aon.at/hwabnig/GHz245.pdf
have fun!

w.
--
OE8UWW

74. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 19:04:03 UTC
From: an old friend <kb9rqz@hotmail.com>
Message-ID: <1159729443.788890.153450@e3g2000cwe.googlegroups.com>
Source record: 51898
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Jack Ricci wrote:
> These are serious questions I have of CW operation, with no harm, malice,
> hurt, or put-downs intended for anyone, so I hope this thread does not
> degrade to that point.
it did not take long but you need not feel guilty about it at least it
was on topic discusion
>
> When listening to CW on my scanner, are there any tell-tale indications
> that the operator is dyslexic? Does a dyslexic ham use the same speed,
> protocol and " short-hand/short-form wording " as a more proficient ham
> would use in communicating CW? Do dyslexic hams ever really use CW, or would
> dyslexic hams ever even consider the use of CW on a regular basis? Are
> dyslexic would-be hams able to pass the CW portion of an exam to get into a
> higher class of license and increased privileges?
some dylesxic do manage to pass. I know of No dylexic ham that use CW
on air at all, at least not for very long

MyselfI used to operate it using keyboard provide code paractice for
some friends (anyone that can follow my typing rendered in CW) can
pass a test at the same speed
>
> I meant these as very real and serious questions. I have a dyslexic
> daughter which I'm still trying to comprehend and understand by trying to
> view reality as she sees it. Wifey and I are somewhat still feeling guilty
> of having eroded her self-esteem when we were raising her by using usual
> methods of discipline when she screwed-up excessively, until we finally
> realized that there was a very real problem that needed dealing with, but in
> non-usual ways. This is 25 years later, and I still feel like shit about the
> situation and go way out of my usual way to help her without making the
> other 3 siblings feel left out, so maybe we should lighten up on some of the
> dyslexic guys/gals in these newsgroups for having the balls to be here in
> the first place, let alone wanting to communicate with those who do not have
> a dyslexia problem.

some of simply get used to it, and feel frankly a duty to do so some
don't have the strengh I understand that as well
>
> More power to the dyslexics...I think they should be made to feel
> welcome. The crappy name-calling should stop, though.

it will not stop the name calling is the only that gives the callers
any sense they are alive . It reveals them as as sick and pathetic
people that they are my foes in the NG and that giving them a target to
attack this way aids (I feel) my cause in the NG is an interesting

bonus
>
> Jack

75. 2.45 GHz Helix with a modified GPS Antenna Preamplifier

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 19:10:35 UTC
From: "Helmut Wabnig"
Message-ID: <qk40i2hcoe2ctc1ef5ai5e5qtaqggci494@4ax.com>
Source record: 51899

hello!

A very successful project, indeed. I am still surprised *how* good
that thing works! Of course, receive only, unfortunately.
I made it in a few minutes. A thoroughly planned and carefully
designed project would have failed, sure.

http://members.aon.at/hwabnig/

"GHz245.pdf"

have fun!

w.
--
OE8UWW

76. Re: Optimising a G5RV

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 19:29:11 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <bGUTg.7815$vJ2.5743@newssvr12.news.prodigy.com>
Source record: 51900

Walter Maxwell wrote:
> There is
> no radiation from any portion of the line, because the fields developed by the
> currents flowing in opposite directions in the two conductors oppose and cancel
> each other throughout the entire length of the line. Therefore, no portion of
> the feed line becomes part of the antenna."

Hi Walt, I agree with what you said and here is an addition.
A graphic on my web page shows why the G5RV is decently
matched by coax on 75m and 40m as well as 20m.

http://www.qsl.net/w5dxp/G5RV.HTM

The 1/2WL of 300 ohm series section is what the antenna
needs to repeat the resonant feedpoint impedance on 20m.
I still don't know why Mr. Varney installed the 1/2WL
300 ohm section for 20m operation. Why not 100% coax?

The 1/4WL of 300 ohm series section is close to what
the antenna needs to transform the 40m feedpoint impedance
to a nearly pure low resistive value. This can be seen
on the Smith Chart.

The 1/8WL of 300 ohm series section is close to what
the antenna needs to transform the 75m feedpoint impedance
to a nearly pure low resistive value. This can also be
seen on the Smith Chart.

The 0.88WL of 300 ohm series section is close to what
the antenna needs to transform the 12m feedpoint impedance
to a purely low resistive value. I didn't bother showing
this one because it goes more than once around the Smith
Chart.
--
73, Cecil http://www.w5dxp.com

77. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 19:47:49 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <e-udndXOfeL5hr3YnZ2dnUVZ_ridnZ2d@comcast.com>
Source record: 51901
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Mark@kb9rqz.net wrote:

SNIPPED

> then you are a lying in claiming your radio only work on the bottom 25
> khz
>
>
> http://kb9rqz.blogspot.com/
>
NOPE!!

3500 - 3525
7000 - 7025
10.1 - 10.15
14.0 - 14.025
18.068 - 18.110
21.000 - 21.025

That is where they run. That's a fact you can't deny. They have capability that exceeds my requirements, but that is where they run.

And you still crossed posted to more than r.r.a.m. When are you going to learn?

You don't want to invest time and energy in learning code and YOU STILL CAN'T FIGURE OUT HOW TO POST TO ONE GROUP.

How does your cross posting ignorance contribute to r.r.a.a?
How does your cross posting ignorance contribute to r.r.a.b?
How does your cross posting ignorance contribute to r.r.a.p?
How does your cross posting prejudice contribute to r.r.s?

We know how your prejudice contributes to r.r.a.m

/s/ DD

78. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 19:50:33 UTC
From: Richard Fry <rfry@adams.net>
Message-ID: <efp66cfts1@emma.aioe.org>
Source record: 51902

"Richard Clark" wrote:
> Given the anachronism etc etc

The purposes of my post were to state that (1) many NEC evaluations show a combination of the radiation from the antenna PLUS the propagation effects for the chosen earth parameters and antenna elevation, and (2) even when such an approach shows zero field in the horizontal plane for a ground mounted vertical monopole up to 5/8-wave high, that h-plane field in reality is NOT zero _as it is radiated_ by the antenna.

In fact for distances just into the far-field region for the radiator defined in (2) above (far field usually being defined as further than 2H^2/lambda from the antenna), h-plane relative field is virtually 100%, regardless of ground conditions.

RF

79. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 19:57:37 UTC
From: an old friend <kb9rqz@hotmail.com>
Message-ID: <1159732657.062763.105710@e3g2000cwe.googlegroups.com>
Source record: 51903
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

```
Dave wrote:
> Mark@kb9rqz.net wrote:
>
> SNIPPED
>
> > then you are a lying in claiming your radio only work on the bottom 25
> > khz
> >
> >
> > http://kb9rqz.blogspot.com/
> >
> NOPE!!
stop lying
```

80. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 20:25:15 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <oo80i2l9pbfjvjlf80getp1hlqu6uf1ph3@4ax.com>
Source record: 51904

On Sun, 1 Oct 2006 14:50:33 -0500, "Richard Fry" <rfry@adams.net>
wrote:

>The purposes of my post were to state that (1) many NEC evaluations show a
>combination of the radiation from the antenna PLUS the propagation effects
>for the chosen earth parameters and antenna elevation, and (2) even when
>such an approach shows zero field in the horizontal plane for a ground
>mounted vertical monopole up to 5/8-wave high, that h-plane field in reality
>is NOT zero _as it is radiated_ by the antenna.

This is simply an example of misusing a tool, not the evidence that it
lacks the capacity to show characteristics as they exist. Anyone can
conspire to fail.

>In fact for distances just into the far-field region for the radiator
>defined in (2) above (far field usually being defined as further than
>2H^2/lambda from the antenna), h-plane relative field is virtually 100%,
>regardless of ground conditions.

As I pointed out once before, NEC (EZNEC in particular) will exhibit
fields from any antenna that are consistent with Brown, Lewis, and
Epstein's field data to within 1dB. I would further note that their
data all exhibited values that lay below 100% (if by 100% that is
meant to be theoretical).

73's
Richard Clark, KB7QHC

81. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 20:41:31 UTC
From: Richard Fry <rfry@adams.net>
Message-ID: <efp95t$hj9$1@emma.aioe.org>
Source record: 51905

"Richard Clark" wrote
>I would further note that their data all exhibited values
>that lay below 100% (if by 100% that is meant to be
>theoretical.)

My statement was "relative field." Relative field is defined as E/E(max).

RF

82. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 20:57:46 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <ema0i2poedfuubqpga8r3umr43amudv7g8@4ax.com>
Source record: 51906

On Sun, 1 Oct 2006 15:41:31 -0500, "Richard Fry" <rfry@adams.net>
wrote:

>"Richard Clark" wrote
>>I would further note that their data all exhibited values
>>that lay below 100% (if by 100% that is meant to be
>>theoretical.)
>--------
>
>My statement was "relative field." Relative field is defined as E/E(max).
>
>RF

So, am I to take this response to mean that you have no further
comment upon your statement:
>>In fact for distances just into the far-field region for the radiator
>>defined in (2) above (far field usually being defined as further than
>>2H^2/lambda from the antenna), h-plane relative field is virtually 100%,
>>regardless of ground conditions.
>
as rebutted by mine:
>As I pointed out once before, NEC (EZNEC in particular) will exhibit
>fields from any antenna that are consistent with Brown, Lewis, and
>Epstein's field data to within 1dB.
By way of elaboration, this INCLUDES at zero degrees.

As I read the two, they are in contradiction, but it appears you
perceive none. If you do not, I return to older queries:
>> What is the comparison being made?
>>
>> To what purpose?

73's
Richard Clark, KB7QHC

83. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 21:16:44 UTC
From: Richard Fry <rfry@adams.net>
Message-ID: <efpb7vvcg1@emma.aioe.org>
Source record: 51907

"Richard Clark" wrote:
>> So, am I to take this response to mean that you have no further
> comment upon your statement:
>>>In fact for distances just into the far-field region for the radiator
>>>defined in (2) above (far field usually being defined as further than
>>>2H^2/lambda from the antenna), h-plane relative field is virtually 100%,
>>>regardless of ground conditions.
>>
> as rebutted by mine:
>>As I pointed out once before, NEC (EZNEC in particular) will exhibit
>>fields from any antenna that are consistent with Brown, Lewis, and
>>Epstein's field data to within 1dB.
> By way of elaboration, this INCLUDES at zero degrees.

AFAIK, neither NEC 2 nor NEC 4 from any source will show a composite elevation pattern over a defined ground at a specified distance to include the space wave and the surface wave in a single display. One must merge them using his/her own understanding and resources.

RF

84. beam SWR change going from low to high above ground

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 21:51:34 UTC
From: Ralph Mowery <rmowery28146@earthlink.net>
Message-ID: <GLWTg.3905$Y24.2457@newsread4.news.pas.earthlink.net>
Source record: 51908

I will soon be going up with a Hy-Gain TH3. This 3 element beam is now 17 feet above the ground on the side of the tower. Just put it there to check the SWR. The beam has directions for either low,mid or the high end of the band. I have is set for the mid position. As of now the SWR curve for all three bands are lower than the lowest frequency swr chart shows. Can I expect the SWR curve to go higher in frequency as I go from 17 feet to the final height of about 58 feet ?

I am using a current balun (beads on the coax type) the Wire Man sells if this makes any differance.

85. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 21:55:16 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <bid0i2pfp5aaaj56uhgknnri1sghpld1r7@4ax.com>
Source record: 51909

On Sun, 1 Oct 2006 16:16:44 -0500, "Richard Fry" <rfry@adams.net>
wrote:

>AFAIK, neither NEC 2 nor NEC 4 from any source will show a composite
>elevation pattern over a defined ground at a specified distance to include
>the space wave and the surface wave in a single display. One must merge
>them using his/her own understanding and resources.

This seems to ramble well off the earlier path encapsulated by Denny
and apparently subscribed to by Owen, in regard:
>>But to bring us back to the major complaint which seems to be that the
>>Nec engine doesn't model the last few degrees over ground very well, so
>>that the zero angle is discarded by the software... Richard seems on a
>>mission to prove the NEC engine wrong - well, I agree, the NEC engine
>>does have limitations for low angle signals which is why the authors
>>have installed an angle cut off... Per Richard's citations
To which I object to, to no notice (I wasn't surprised however).

This subsequent restriction to GRAPHICS (and not to issues of NEC per
se) merely highlights my earlier comments that such "merging" serves
no apparent purpose of the Ham's activities in MF/HF, especially when
such GRAPHICS would only support a region of one to a dozen or so
miles. There is nothing remarkable or noteworthy in this indulgence.

To bring us back to the major complaint.... That complaint is without
foundation. EZNEC easily models the last few degrees over ground very
well (and to all constraints offered). Having said this, I, for one
(out of at least three) can see a contradiction. I, for one (out of
at least three) can support my contentions with data taken directly
from EZNEC whereas all other discussion to this point has been
particularly void of informed content.

So, I return to those same, earlier queries:
>>> What is the comparison being made?
>>>
>>> To what purpose?

73's
Richard Clark, KB7QHC

86. Re: beam SWR change going from low to high above ground

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 22:00:53 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <cfe0i2dif2ga0ncaupua18a50q0sg8q5e0@4ax.com>
Source record: 51911

On Sun, 01 Oct 2006 21:51:34 GMT, "Ralph Mowery"
<rmowery28146@earthlink.net> wrote:

>Can I
>expect the SWR curve to go higher in frequency as I go from 17 feet to the
>final height of about 58 feet ?

Hi Ralph,

Such questions always deserve answers by degree. Yes, sort of. Let's
say you stand to observe less difference from 17 to 58 feet than from
3 feet to 17 feet.

Try the short cut of tuning the antenna pointing straight up (at
whatever short height).

Your BalUn is probably OK.

73's
Richard Clark, KB7QHC

87. Re: Optimising a G5RV

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 22:02:40 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <5gb0i2d67riv4d2fc4qlnbon4n0gqpb8dd@4ax.com>
Source record: 51910

On Sun, 01 Oct 2006 14:22:40 -0400, Walter Maxwell <walt@w2du.com>
wrote:

>On Sun, 01 Oct 2006 01:12:02 -0400, jawod <jawod@fuse.net> wrote:

>Hi Owen--great job! But you said "comments welcome", so please don't be offended
>by what I have to say.

Walt, the intention was to seek constructive comment. Of course, there
is always the risk of personal comment... but that is part of the cost
of technical review as you know.

>
>I have always been curious about all the hype, excitement, and marketing
>popularity of the G5RV, So I included a section on this antenna in both editions
>of Reflections, ed 1 in 1990, and ed 2 in 2001, in an attempt to educate the
>newcomers to its realities. So I invite you to read the pertinent section from
>the book below:

...

>
>The following is a quote from Chapter 20 in "Reflections-Transmission Lines and
>Antennas," authored by W2DU.
>
>"Sec 20.2.4 The G5RV Antenna
>
> With this background on random-length dipoles behind us, it seems
>appropriate to make a critical examination of a particular 102-foot dipole that
>is enjoying a great deal of popularity--Louis Varney's G5RV dipole. In spite of
>its popularity, its operation is not well understood among many amateurs, so
>I'll shed a little light on the G5RV. First of all, the reason for the 102-foot
>length for the G5RV is no secret, but it is not well known. Being unaware of
>certain antenna principles, many amateurs have come to believe that there is
>some sort of magic in the 102-foot length, and that their all-band success with
>this antenna is dependent on this specific length. Nothing could be further from
>the truth, because, except for 20 meters (as I'll soon explain), any random
>length of at least 3 lambda/2 long at the lowest operating frequency will
>perform equally well.

I am not sure if "3 lambda/2 long at the lowest operating frequency"
is what you really meant... perhaps I am misunderstanding it.

Copying a quote from one of my articles, "my experience is that where
a centre fed dipole less than about 0.35 wavelengths in length, it is
difficult to achieve acceptable feed system efficiency in practical
configurations". In fractional terms, I would state that minimum

length as about 3/8 wavelength.

> What is the significance of the 102-foot length? Unbeknown to many amateurs

...

I heard this story from an amateur friend (now deceased) who knew
Louis in the old country, and he used chuckle at the newfound role of
the G5RV as an efficient all band antenna (which it isn't).

...

>It is unfortunate that many amateurs believe that the balun should be omitted.
>These people have been misled, because failure to include a balun between the
>balanced open wire and the unbalanced coax results in RF radiation in the shack
>from current flow on the outer surface of the coax shield.

Agreed. Unfortunately Varney confused the issue with his later article
that rescinded his advice to use a balun.

I think the words in may latest article "Varney originally described
the G5RV with a balun at the coax to parallel line transition, and
changed his mind in a later article due to uncertainty about the balun
design. More has been learnt of baluns and antennas in the meantime,
and there is no doubt that inclusion of an effective choke balun at
that transition will assist in minimising feedline contribution to
radiation, and conversely, feedline pickup." are valid.

>Owen, I didn't include this to detract from your excellent work--you've done a
>great job. But my position is that since an antenna tuner is necessary anyway
>for the antenna to be multibanded, why insert any coax at all?

Agreed Walt, and no offence taken. Discussion of the issues is what
our hobby is (or was) about.

Our dear departed friend Reg would hop into me when I wrote about
G5RVs suggesting that I sold the things, that my perspective was that
of a salesman and that I was not detached. He was wrong, I have
erected a G5RV for the purpose of experiencing the thing, of learning
about it, but the trade-offs involved in a G5RV haven't suited my
interests for more than that few hours.

The graphs in my two G5RV articles are based on thousands of model
outcomes, starting from NEC models of the radiator in a typical
configuration, and then exact transmission line models and tuner
models.

The thing that I have learned is that most of the loss in typical
configurations is in the coax, the loss in the coax is driven by what
it happening on the radiator and open line section, and that reduction
of coax loss is the key to efficiency. An obvious way to reduce coax
loss is to reduce (even eliminate) the coax (though a systems
perspective shows that you don't just deduct the coax loss, ATU loss
will increase marginally at some frequencies). That is the subtlety in

my words "This article deals with optimising a typical G5RV (as distinct from an optimal G5RV)" The theme being that if you have a typical G5RV, here is how to go about getting the best out of what you have, if you want to improve it, read the other article linked at the bottom the page.

Owen
--

88. Re: Optimising a G5RV

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 22:12:12 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <1ee0i2dgr9596uvc5uitfk80ohr85fqo50@4ax.com>
Source record: 51912

On Sun, 01 Oct 2006 11:32:09 GMT, Cecil Moore <mycall@hotmail.com>
wrote:

>Owen Duffy wrote:
>> http://www.vk1od.net/G5RV/optimising.htm
>> Comments welcome.
>
>Great job as usual, Owen. I would add a couple of
>items.
>
>1. Some commercial antennas, sold as G5RV's, deviate
>from your information because they deviate from your
>specifications and tuning procedures. They may need
>to be tuned to your specifications.

Not just commercial ones Cecil. For decades I have taken an interest
in the detail of the "other station's" G5RV in QSOs, and they vary
widely.

>
>2. The following statement is somewhat confusing.
>
>> Fig 1 shows the efficiency of a optimised typical G5RV.
>> Note that only three of these peaks coincide with an amateur
>> band, but 40m efficiency is 65% although not at the peak.

It is not a marvellous bit of prose, is it. I added the bit about 40
as a balance that although there wasn't a peak in 40m, 40m was well up
the curve. I will rethink a clearer way of expressing it.

>
>The resolution of the graph makes it difficult to know which
>three peaks are in which three bands. Like 40m, you might also
>state that 15m efficiency is xx% although not at the peak.

Yeah, I didn't really want to deal with how good a "typical" G5RV was
or wasn't rather just set the stage for why it was worth fine tuning
in situ. I stated in my posting our newly minted hams like them, and
when you start with a power limit that is 10dB behind the average, you
don't need to throw more power away in the antenna system.

Owen
--

89. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 22:23:00 UTC
From: richardharrison@webtv.net
Message-ID: <16967-45203FC4-135@storefull-3256.bay.webtv.net>
Source record: 51916

Sal M. Onella wrote:
"How are they at VHF/UHF?"

Arnold B. Bailey in "TV and Other Receiving Antennas" wrote on page 528 specifications for a 200 MHz rhombic antenna. It may be scaled for another frequency. For 20 MHz, multiply dimensions by 10. It is four straight horizontal wires (no. 10 AWG) each 36 ft. long, separated 18 ft. at mid point, overall length 31 feet. Transmission line is 300-ohm balanced twinlead. Reaistance at center frequency is 600 ohms as is the termination resistance. Gain at centerfrequency is 14.5 dBd (or less). Frequency bandwidth for 1 dB down is 30%. For 3 dB down, it is 100%. Polar pattern shows lots of side lobes.

Best regards, Richard Harrison, KB5WZI

90. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 22:24:17 UTC
From: Richard Fry <rfry@adams.net>
Message-ID: <efpf6lbkj1@emma.aioe.org>
Source record: 51913

"Richard Clark" wrote
> On Sun, 1 Oct 2006 16:16:44 -0500, "Richard Fry" <rfry@adams.net>
> wrote:
>
>>AFAIK, neither NEC 2 nor NEC 4 from any source will show a composite
>>elevation pattern over a defined ground at a specified distance to include
>>the space wave and the surface wave in a single display. One must merge
>>them using his/her own understanding and resources.
>
>This seems to ramble well off... etc etc

Not to say that what I posted is untrue or irrelevant, however.

>This subsequent restriction to GRAPHICS (and not to issues of NEC per se)
>...

But the GRAPHICS are only plotting what NEC calculated, are they not?

RF

91. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 22:25:43 UTC
From: Al Klein <rukbat@pern.invalid>
Message-ID: <gef0i2ddtreduj74glri5fnljs39ekeamn@4ax.com>
Source record: 51914
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 01 Oct 2006 04:05:15 GMT, Opus- <jbuchy@shaw.ca> wrote:

>On Sat, 30 Sep 2006 23:00:08 -0400, Al Klein <rukbat@pern.invalid>
>spake thusly:
>>Since I can fully communicate using "emotionless beeps", no.

>In the other thread, I explained how your beeps are just a trade of
>raw data.

So is speech. So is writing. Communication between beings is raw
data. It only conveys meaning to those who understand it.

>>>I'll tell my daughter's occupational therapist to quit using a monitor
>>>screen to teach her how to recognize emotions of people's faces
>>>pictured on the screen. After all, I have just been told that you
>>>can't view a persons mood by the look on his face if it is composed of
>>>pixels on a screen.

>>No you haven't, but you're being told that if you're not being
>>deliberately facetious, you're appearing to be pretty stupid.

>You're the one who used the term pixels like they are just an exchange
>of raw data.

All communication is the exchange of raw data.

>>>>When you actually get into high school, let us know.
>>
>>>That was uncalled for and childish.
>>
>>It was completely called for.
>
>You are wrong.

I would have been ... if you hadn't been acting childish.

>>> We're only opposed to it being required to pass a test.

>>So be opposed to testing altogether. Oh, there's already a way to get
>>on the air without a test. You just don't like that way. Now that's
>>being childish.

>The fact that I fully support technical testing is well established.

But you're being inconsistent. You only want to eliminate code
testing because YOU can't see any merit in code. Many people can't
see any merit in knowing the laws or in having any technical

knowledge, so why not eliminate testing altogether?

Because you want your views to determine what's done. No other cogent reason.

>Others who want to end code testing generally feel the same way. This >is well established.

Yes, it is. They want everything done the way they want it - just like you.

You want to get on the air code-free, use the no code bands - CB. You want to get on frequencies that allow code? Pass a code test. It's not rocket science.

>>>I question those who say it's as good as a human voice.

>>How can you question a language you don't even begin to understand?

>I have already pointed out that you can get much information beyond >just data. And, no matter what you say, beeps are just data.

To you. Why should that matter to the FCC? As I said, you're not qualified to discuss something you have absolutely no understanding of - let alone make decisions about it for others.

>Keep on using it then. But don't tell me that I must know it in order >to use my voice on the radio.

You can use your voice on voice bands - called CB. That's what CB is for - communications for those who don't want to pass a ham test (which includes CW). Like you.

92. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 22:27:34 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12i0g6qbpil1b47@corp.supernews.com>
Source record: 51915

Richard Fry wrote:

> AFAIK, neither NEC 2 nor NEC 4 from any source will show a composite
> elevation pattern over a defined ground at a specified distance to
> include the space wave and the surface wave in a single display. One
> must merge them using his/her own understanding and resources.

Neither NEC-2 nor NEC-4 shows a display of any kind. Output is solely in the form of tables of numbers. Surface wave data, when produced, is always combined with the sky wave as a total field value. It's chosen with an option on the RP input "card". The NEC-2 manual as well as NEC-2 itself -- including source code which enables you to see exactly how the calculations are done -- are freely available on the Internet. So there's no need to speculate about what it does or doesn't do.

EZNEC demo, standard, and plus program types don't include the surface wave in far field outputs, which as I explained in an earlier posting in another thread(*), isn't of much practical use to most amateurs. However, when needed the data can be obtained from the near field analysis (which is actually a total field analysis and isn't restricted to the near field). EZNEC pro program types (EZNEC-M and EZNEC/4) allow direct inclusion of the surface wave in the far field analysis, mostly for the use of AM broadcast consultant customers. It provides tabular and graphical outputs in the form of an azimuth plot at any desired horizontal distance from the antenna and height above ground. Like NEC, the output is the total field, or in other words the sum of surface and sky wave, and the results should be virtually identical to those from NEC.

(*) I recommend that anyone interested in this topic read the posting I made just a few days ago, Sept. 28, on this newsgroup under the thread "Elevation Patterns of Ground Mounted Vertical Monopoles". It can easily be located at http://groups.google.com if it's not still on your newsreader client.

Roy Lewallen, W7EL

93. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 22:38:26 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <CrXTg.1595$Lv3.235@newsread1.news.pas.earthlink.net>
Source record: 51917
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Jack Ricci" <ricci@mnsi.net> wrote in news:efoo570vc3@enews4.newsguy.com:

>
> "Cecil Moore" <mycall@hotmail.com> wrote in message
> news:MsQTg.10212$6S3.200@newssvr25.news.prodigy.net...
>> Jack Ricci wrote:
>>> .... .. _ _. ...
>>
>> Jack, what does "HIGS" mean? Is that a name for
>> Hams who are pIGS? :-)
>> --
>> 73, Cecil http://www.w5dxp.com
>
>
> ...Nope..." high " was the last word, and I left out a " dot " on the
> last " h " to make it an " s " as in " higs " instead of " high " .
> Just testing to see if anyone out there cared enough about CW at all to
> catch that...Proved my point, I guess :) :) :)
>
> Jack

I don't think you proved anything. But keep trying.

SC

94. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 22:38:29 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <FrXTg.1597$Lv3.326@newsread1.news.pas.earthlink.net>
Source record: 51918
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Jack Ricci" <ricci@mnsi.net> wrote in
news:efokcn02s86@enews3.newsguy.com:

>
> More power to the dyslexics...I think they should be made to feel
> welcome. The crappy name-calling should stop, though.
>
> Jack

Long ago the FCC thought this might be a problem, so that's why they came
up with CB. You're welcome to CB, Talk all you want on it.

SC

95. Re: If two no-code hams contact each other on CB, is that a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 22:38:33 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <JrXTg.1600$Lv3.615@newsread1.news.pas.earthlink.net>
Source record: 51919
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Mark@kb9rqz.net wrote in news:7agrh2pbtj8oh350hc4fqhmv0kugcbmlac@4ax.com:

> On Sat, 30 Sep 2006 00:36:35 GMT, Slow Code <my.mail@no.spam> wrote:
>
>>"AC7PN" <brunius@rockisland.com> wrote in
>>news:1159548536.406423.63860@m73g2000cwd.googlegroups.com:
>>
>>>
>>>> Slow Code wrote:
>>>>> Or is it like talking to someone on CB?
>>>>
>>>> SC
>>>
>>> The answer is "yes it is a real contact" and so far as you were
>>> communicating with some one using a radio it also is "like talking to
>>> someone on CB."
>>>
>>> Dude, your arrogance is showing.
>>>
>>> AC7PN
>>
>>
>>What's wrong with that,
> eslewhere you denied being arogant mr 2 faced
>> if it helps motivate people to be better hams.
>>Unfortunately, most here don't want better hams.
> I certainly do which is why I call for you Steve and woger to turn in
> your licenses
>
> please help out ham radio and turn yours in SC

If two no-code hams contact each other on CB, is that a real QSO?

SC

96. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 22:38:34 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <KrXTg.1601$Lv3.909@newsread1.news.pas.earthlink.net>
Source record: 51920
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Mark@kb9rqz.net wrote in news:oq20i2dos2vd3g787bk3psh8sig2tv40qe@4ax.com:

>>>How does one say mayday on CW? My radio only works on the bottom 25
>>>KHz of the HF bands.
>>then you are a porrly equiped ham and should turn your license in for
>>the good of the ars
>>http://kb9rqz.blogspot.com/
> I am fairly well equipped: IC-756 Pro III, IC-746, AL-80B amplifier,
> ANC-4 noise
> canceller, MFJ 1025 Signal enhancer, TS-570D, AMP SUPPLY LK-450
> Amplifier, G-707
> [2 & 440], plus computer ... and these are the things on my operating
> table.
>
>
> IC-706 MKIIg & AH-4 in the mobile. Plus 2 HTs.
> then you are a lying in claiming your radio only work on the bottom 25
> khz

WOW Mark,

And you're not even a Real ham.

SC

97. Re: It's amazing what people will say to try to justify dumbing down Amateur Radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 22:38:37 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <NrXTg.1603$Lv3.1242@newsread1.news.pas.earthlink.net>
Source record: 51921
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Nada Tapu <user@host.domain> wrote in
news:9chth2t7cq3g2p6ml6dr85mcntn2fmpuh7@4ax.com:

> On Fri, 18 Aug 2006 21:07:15 -0500, "wa0kbz" <wa0kbz@charter.net>
> wrote:
>
>>Glen
>>Don't know if I 100% agree with your code speeds but I do thing the NO
>>Code should be for 1 year and none renewable.
>>I had to take my license in front of the FCC and not so VE who may or
>>may not help you out to get a license.
>>As I am a big VHFer I don't know how these NO Code guys are going to
>>understand beacons. They are all code and most at 10 ~ 20 wpm. I guess
>>the next thing will be, they will want all beacons either digital or
>>voice. YUK! Not up in the GHZ range yet but maybe some day.
>>73, Bill, WA0KBZ
>
> Right on, Bill! Thanks for your thoughts.
>
> NT

It's funny, and most telling. The no-code hams have everything over 30
MHz, but it's the code hams that are the one's moving ham radio forward
and doing anything technical wise. I guess the no-coders are still trying
to figure things out.

SC

98. Re: So, Which reader has actually saved a life or lives using "CW" on Ham Bands?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 22:38:41 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <RrXTg.1606$Lv3.382@newsread1.news.pas.earthlink.net>
Source record: 51922
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

hot-ham-and-cheese@hotmail.com wrote in
news:1159588810.130448.295900@i3g2000cwc.googlegroups.com:

>
> Slow Code wrote:
>>
>> Lenny, just to help you feel better about morse code, if I ever hear
>> you are dying and in need of help, I will use CW to get you help. Then
>> you'll know before you die a ham used morse code to save a life and you
>> can rest in peace over CW.
>>
>> SC
>
> Slow, thats IMPOSSIBLE! If you use CW then how can Len die?

Lenny's life was saved. The shock he got at being told he'd been saved by
CW resulted in him having a heart attack, and that killed him.

SC

99. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 22:39:41 UTC
From: Al Klein <rukbat@pern.invalid>
Message-ID: <i3g0i2dplo3thtj6qtju7hrnvuqct08uo6@4ax.com>
Source record: 51923
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 01 Oct 2006 03:54:16 GMT, Opus- <jbuchy@shaw.ca> wrote:

>On Sat, 30 Sep 2006 22:53:38 -0400, Al Klein <rukbat@pern.invalid>
>spake thusly:
>
>>On Sun, 01 Oct 2006 02:27:51 GMT, Opus- <jbuchy@shaw.ca> wrote:
>>
>>>On Sat, 30 Sep 2006 14:54:46 -0400, Al Klein <rukbat@pern.invalid>
>>>spake thusly:
>>>>On Sat, 30 Sep 2006 06:54:33 GMT, Opus- <jbuchy@shaw.ca> wrote:
>>
>>>>You're simply wrong. Humans are aural creatures. Argue with me when
>>>>you get enough education in the subject that you're qualified to
>>>>discuss it.
>>
>>>Are YOU qualified? We gather more information about our environment
>>>from vision than any other sense.
>>
>>We gather more information from fellow humans by words than by any
>>other means. And words aren't processed in the visual cortex, not
>>even written words.
>
>There is a lot more information in our environment than just raw data.

Try to stick to one argument at a time. You were arguing for voice -
now you're arguing against it. Or is just any argument that might
possibly be construed to make CW look bad?

>>>Ever have a pet cat or
>>>dog that was blind and deaf? I have and you would be surprised how
>>>well then can adapt with just the sense of smell and touch alone.
>>>Humans need some degree of assistance.

>>Apples and oranges. Deaf-blind people get along pretty well too, if
>>they're given food, water and all the comforts of home by someone
>>else.

>A blind person cannot sniff his way around as well as a dog or cat,
>therefore a white cane is needed or an unchanging closed environment.

Deaf-blind dogs and cats don't normally walk around the streets
without aid. (Domesticated cats, btw, aren't scent-oriented, they're
vision-oriented.)

>>>Why would I want to leave usenet?

>>You don't like CW because you can't tell emotions on CW. Since you
>>can't tell emotions on Usenet, you evidently don't like Usenet. Or
>>you're being inconsistent.

>My turn to say apples and oranges then. Can you quote where I said
>that I didn't like CW? Basically, I say that it's only good for
>submitting raw data, like usenet.

And you don't want to use it - but you do want to use Usenet.
Inconsistent.

> Didn't say that it was a bad thing,
>just not a full, complete way to engage in human discourse.

Neither is voice.

> It should also not be a barrier to the use of amateur radio.

It's not a barrier to USING radio - it's a barrier to one particular
hobby, which incorporates CW as part of itself. You want to ride a
bike as a hobby but not use wheels?

Code - ham.
No code - CB.

If that's too complicated for you to grasp, maybe you should take up
grass-watching as a hobby.

>>>>> I don't speak Ukrainian but I sure knew when my grandmother
>>>>>was mad at me.

>>>>Not by her words, though, which is what you're claiming. So tell me,
>>>>what mood am I in at the moment? Evidently, since Usenet is a visual
>>>>medium, you can tell.

>>>I never said I could tell by her words.
>>
>>That's what this discussion is about, so I guess the grandmother story
>>is just a red herring.

>No that was NOT my point. Let me be more precise: The inflection added
>by actual voice results in a conversation that is much more than the
>sum of it's parts, the parts being the words used. My grandmother
>example simply showed that inflection adds so much more to a
>conversation that it can, at times, convey some information on it's
>own without words.

So if she screamed at you, in Ukrainian, with her face all screwed up,
"You were so good!", you'd get the proper information, that she was
about to take you to the wood shed for the terrible thing you'd done.
Right?

I can convey as much emotion in CW as your grandmother could in
Ukrainian. You don't understand CW, so you can't understand how that
could be true - which is why you're not qualified to discuss the
matter.

My job is like describing the difference between red-orange and orange-red to someone who's been blind from birth. "Red-orange is redder than orange-red." "But ..." No buts - it is. Someone who's never seen just can't understand.

>>> Usent is text, by the way, not visual.

>>I'll have to start using my ears to read your posts, then.

>Raw data [text] is all that's needed for this conversation.

Raw data is all that's available for communication.

>You insist on reducing the term "communication" to just an exchange of
>data. I am trying to point out that there is MUCH more to human
>interactions than just data.

There's much more to human interaction than lexical communications, yes - but we're talking about lexical communications here, so anything else is totally irrelevant. You can't have any more than lexical communication by radio.

But tell bees that their dancing is just raw data. Then translate a bee dance for me, blind man.

100. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 22:46:17 UTC
From: Al Klein <rukbat@pern.invalid>
Message-ID: <uvg0i29dv73c5m1u39nm1cjqlfjfkbfs3u@4ax.com>
Source record: 51924
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 1 Oct 2006 10:19:25 -0400, "Jack Ricci" <ricci@mnsi.net>
wrote:

>"Al Klein" <rukbat@pern.invalid> wrote in message
>>You don't like CW because you can't tell emotions on CW. Since you
>>can't tell emotions on Usenet, you evidently don't like Usenet. Or
>>you're being inconsistent.
>
>... _ _ _ ... ... _ _ _ ... ... _ _ _ ...
>
>. _ _ _ _ _ _ .. _ _ _ _. ... . _ . ._ _. _. ..
>_. _ _ . ... _ _. ...
>
>
>
>. _ _ _ ._ _._. _._
>

Some may be but not mine. I'm cool as an unpowered CPU. (CW wasn't
meant to be read in visual form. Give me 20 or 30 in my ears any
time.)

Oh - _. _ _ _ _..._ _ _ _._ _ . _ _ _ _ _ _ .. _ _ _ _.
... ._. _._. _ _ _ ._.. ._._._

101. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 22:48:11 UTC
From: Al Klein <rukbat@pern.invalid>
Message-ID: <sah0i2po6ehq80dc5ile993uvk5t7uilrc@4ax.com>
Source record: 51925
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 1 Oct 2006 11:52:12 -0400, "Jack Ricci" <ricci@mnsi.net>
wrote:

>...Nope..." high " was the last word, and I left out a " dot " on the last "
>h " to make it an " s " as in " higs " instead of " high " . Just testing
>to see if anyone out there cared enough about CW at all to catch
>that...Proved my point, I guess :) :) :)

Maybe the point was that a lot of us who can read CW should wear their
glasses when reading it on a screen. I swear I saw it as an H. Even
the second time, after I read this post. (That's what astigmatism
will do to you.)

102. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 22:49:14 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12i0hfdniovd799@corp.supernews.com>
Source record: 51776

Richard Clark wrote:
> On Sun, 1 Oct 2006 16:16:44 -0500, "Richard Fry" <rfry@adams.net>
> wrote:
>
>> AFAIK, neither NEC 2 nor NEC 4 from any source will show a composite
>> elevation pattern over a defined ground at a specified distance to include
>> the space wave and the surface wave in a single display. One must merge
>> them using his/her own understanding and resources.
>
> This seems to ramble well off the earlier path encapsulated by Denny
> and apparently subscribed to by Owen, in regard:
>>> But to bring us back to the major complaint which seems to be that the
>>> Nec engine doesn't model the last few degrees over ground very well, so
>>> that the zero angle is discarded by the software... Richard seems on a
>>> mission to prove the NEC engine wrong - well, I agree, the NEC engine
>>> does have limitations for low angle signals which is why the authors
>>> have installed an angle cut off... Per Richard's citations
> To which I object to, to no notice (I wasn't surprised however).
> . . .

I'm not aware of any such problem with NEC, or any "angle cut off"
intentionally included in NEC(*). As Richard says, EZNEC has no problem
extending analysis of any kind -- near field, far field, or (in pro
programs) far field with surface wave, down to ground level. The value
of zero for far field sky wave (that is, far field at distances beyond
which the surface wave has decayed to essentially zero) at zero
elevation angle for horizontally polarized waves over any ground and for
vertically polarized waves over non-perfect ground is a rigorously
correct result. It follows directly from calculation of ground
reflection coefficients, the simple formulas for which you can find in
Kraus' _Antennas_ and many other references.

I'd be very interested if such a limit exists, and would be very
grateful to anyone who could point to the place in the NEC code where it
occurs, or provide an example of a model producing a result where its
effect is evident. I strongly suspect that whatever effect is being
seen, it's due to misinterpretation or other causes and mistakenly
attributed to a limit which doesn't exist.

(*) There are many places in the NEC and EZNEC code where protection is
provided against divide-by-zero errors, which limits internal
calculations and perhaps a minimum or maximum field strength or angle.
However, these usually limit a minimum divisor value to something on the
order of 10^-10 to 10^-20 or so, beyond the point at which a calculated
result is significant or, often, even valid.

Roy Lewallen, W7EL

103. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 22:50:47 UTC
From: Richard Fry <rfry@adams.net>
Message-ID: <efpgob$7dn$1@emma.aioe.org>
Source record: 51777

"Roy Lewallen" wrote:
> EZNEC pro program types (EZNEC-M and EZNEC/4) allow direct inclusion of
> the surface wave in the far field analysis, mostly for the use of AM
> broadcast consultant customers. It provides tabular and graphical outputs
> in the form of an azimuth plot at any desired horizontal distance from the
> antenna and height above ground. Like NEC, the output is the total field,
> or in other words the sum of surface and sky wave, and the results should
> be virtually identical to those from NEC.

This is as may be, and can be useful when properly understood and applied.

But is it not true that for the ground-mounted monopoles defined in my previous posts, no form of NEC and its Windows shells will show in a _single_ evaluation whether in tabular or graphical form, the net values of the surfacewave+spacewave elevation pattern at a user-specified distance over real earth, for all elevation angles in a given azimuth slice?

RF

104. Re: Optimising a G5RV

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 23:02:10 UTC
From: Walter Maxwell <walt@w2du.com>
Message-ID: <g2i0i299muds6c4lan4r6oqa3k8uaf0l3d@4ax.com>
Source record: 51780

On Sun, 01 Oct 2006 14:22:40 -0400, Walter Maxwell <walt@w2du.com> wrote:

> any random
>length of at least 3 lambda/2 long at the lowest operating frequency will
>perform equally well.

There is a typo in the above sentence. "3 lambda/2" should be changed to read "3 lambda/8". Sorry about that, my ploof reader goofed.

Walt, W2DU

105. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 23:02:38 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <43h0i2lde9f41ds2g49nevdafoag588do6@4ax.com>
Source record: 51779

On Sun, 1 Oct 2006 17:24:17 -0500, "Richard Fry" <rfry@adams.net>
wrote:

>>This subsequent restriction to GRAPHICS (and not to issues of NEC per se)
>>...
>
>But the GRAPHICS are only plotting what NEC calculated, are they not?

The point of the matter (re-iterated by Roy) is that the graphical
representation is one for wide application (99.9999%) and the
remaining (0.0001%) still have access to the DATA. There is nothing
lost but convenience. True, one may come to some erroneous conclusion
on abstracting the near-in characteristics to the far field
representations. I would challenge them more for their
mis-application than their literal mis-understanding, however. There
is not much demand for 160M operation to the horizon that goes wanting
elaborate modeling. Simple experience eclipses that easily.

To cut to the nut of the matter:
>>>But to bring us back to the major complaint which seems to be that the
>>>Nec engine doesn't model the last few degrees over ground very well
is simply wrong in the first degree (also re-iterated by Roy).

I've been modeling for results at the horizon for as long as I've held
a copy of EL/EZNEC. This and the Brown, Lewis, Epstein data confirm
to within 1dB as I've reported on more than one occasion. This is a
validation in the absolute, not relative sense; and to a probable
higher degree of accuracy than the average Ham pursues or could
obtain.

73's
Richard Clark, KB7QHC

106. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 23:02:44 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12i0i8ndo3ordfe@corp.supernews.com>
Source record: 51778

Richard Fry wrote:
> _____
>
> This is as may be, and can be useful when properly understood and applied.
>
> But is it not true that for the ground-mounted monopoles defined in my
> previous posts, no form of NEC and its Windows shells will show in a
> _single_ evaluation whether in tabular or graphical form, the net values
> of the surfacewave+spacewave elevation pattern at a user-specified
> distance over real earth, for all elevation angles in a given azimuth
> slice?

NEC can do that in a single run. You'll need an RP "card" for each point on the curve, each specifying the horizontal distance and zenith angle of the observation point. The reason that so many "cards" are necessary is that to maintain a fixed distance from the antenna, the horizontal distance must decrease as the elevation angle increases. And specification of distance in NEC (and EZNEC pro) is done as horizontal distance, not radial distance. See the NEC-2 manual for detailed information.

In the more than ten years EZNEC pro has had ground wave analysis, I believe your recent request is the only one I've ever gotten for such a display. Apparently EZNEC pro users, like me, don't see any practical use for one.

Roy Lewallen, W7EL

107. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 23:09:19 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <bgi0i2pf48qh4c1d97c7eomhad6hqv7cbe@4ax.com>
Source record: 51781

On Sun, 1 Oct 2006 17:50:47 -0500, "Richard Fry" <rfry@adams.net>
wrote:

>no form of NEC and its Windows shells will show in a
>_single_ evaluation whether in tabular or graphical form, the net values of
>the surfacewave+spacewave elevation pattern at a user-specified distance
>over real earth, for all elevation angles in a given azimuth slice?

I'm surprised that Roy didn't take credit for this where credit is
due.

The near-field table (which complete conforms to your constraints) can
be expressed in a spherical coordinate system. I've used this feature
often.

73's
Richard Clark, KB7QHC

108. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 23:34:20 UTC
From: Chuck Harris <cf-NO-SPAM-harris@erols.com>
Message-ID: <arKdnXTP58e-zL3YnZ2dnUVZ_tOdnZ2d@rcn.net>
Source record: 51782
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Slow Code wrote:
> Mark@kb9rqz.net wrote in news:oq20i2dos2vd3g787bk3psh8sig2tv40qe@4ax.com:
>
>>>> How does one say mayday on CW? My radio only works on the bottom 25
>>>> KHz of the HF bands.
>>> then you are a porrly equiped ham and should turn your license in for
>>> the good of the ars
>>> http://kb9rqz.blogspot.com/
>> I am fairly well equipped: IC-756 Pro III, IC-746, AL-80B amplifier,
>> ANC-4 noise
>> canceller, MFJ 1025 Signal enhancer, TS-570D, AMP SUPPLY LK-450
>> Amplifier, G-707
>> [2 & 440], plus computer ... and these are the things on my operating
>> table.
>>
>>
>> IC-706 MKIIg & AH-4 in the mobile. Plus 2 HTs.
>> then you are a lying in claiming your radio only work on the bottom 25
>> khz
>
>
> WOW Mark,
>
> And you're not even a Real ham.

There is this pithy little thing I found in the ARRL Handbook:

The Amateur's Code

The Radio Amateur is

CONSIDERATE...never knowingly operates in such a way as to lessen
the pleasure of others.

LOYAL.........offers loyalty, encouragement and support to other amateurs,
local clubs, and the American Radio Relay League, through
which Amateur Radio in the United States is represented
nationally and internationally.

PROGRESSIVE...with knowledge abreast of science, a well-built and
efficient station and operation above reproach.

FRIENDLY......slow and patient operating when requested; friendly advice
and counsel to the beginner; kindly assistance, cooperation
and consideration for the interests of others.
These are the hallmarks of the amateur spirit.

BALANCED......radio is an avocation, never interfering with duties owed
to family, job, school or community.

PATRIOTIC.....station and skill always ready for service to country and community.

--The original Amateur's Code was written by Paul M. Segal, W9EEA, in 1928.

Kind of old, and flavored a lot like the US was during the time, but
never-the-less, it has some important lessons in behavior and compassion
that seem to be lacking in your vision for the hobby.

-Chuck Harris

109. Re: It's amazing what people will say to try to justify dumbing down Amateur Radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 23:45:36 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <AqYTg.8122$vJ2.5172@newssvr12.news.prodigy.com>
Source record: 51783
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Slow Code wrote:
> It's funny, and most telling. The no-code hams have everything over 30
> MHz, but it's the code hams that are the one's moving ham radio forward
> and doing anything technical wise.

If that's true, it's certainly a change from half a
century ago when we HF hams observed the VHF/UHF
hams revolutionizing amateur radio with their
technical expertise.
--
73, Cecil http://www.w5dxp.com

110. Re: It's amazing what people will say to try to justify dumbing down Amateur Radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 23:53:01 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <xxYTg.1297$5o5.624@tornado.texas.rr.com>
Source record: 51784
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

```
"Cecil Moore" <mycall@hotmail.com> wrote in message
news:AqYTg.8122$vJ2.5172@newssvr12.news.prodigy.com...
> Slow Code wrote:
>> It's funny, and most telling. The no-code hams have everything over 30
>> MHz, but it's the code hams that are the one's moving ham radio forward
>> and doing anything technical wise.
>
> If that's true, it's certainly a change from half a
> century ago when we HF hams observed the VHF/UHF
> hams revolutionizing amateur radio with their
> technical expertise.
> --
> 73, Cecil http://www.w5dxp.com

Not at all. As usual, SC is again proving he is a bitter little man.
```

111. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-01 23:58:48 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <YCYTg.1298$5o5.195@tornado.texas.rr.com>
Source record: 51785
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

<Mark@kb9rqz.net> wrote in message
news:oq20i2dos2vd3g787bk3psh8sig2tv40qe@4ax.com...
> On Sat, 30 Sep 2006 11:36:42 -0400, Mark@kb9rqz.net wrote:
>
>>On Sat, 30 Sep 2006 08:05:16 -0400, Dave <W1MCE@comcast.net> wrote:
>>
>>>Cecil Moore wrote:
>>>
>>>> Dave wrote:
>>>>
>>>> NO! I can't have a QSO with a no-code ham.
>>>> They can't copy CW!!! So, No QSO!
>>>>
>>>>
>>>> So you wouldn't respond to a Mayday and save a life?
>>>> Nice guy.
>>>
>>>How does one say mayday on CW? My radio only works on the bottom 25 KHz
>>>of the
>>>HF bands.
>>then you are a porrly equiped ham and should turn your license in for
>>the good of the ars
>>http://kb9rqz.blogspot.com/
> I am fairly well equipped: IC-756 Pro III, IC-746, AL-80B amplifier,
> ANC-4 noise
> canceller, MFJ 1025 Signal enhancer, TS-570D, AMP SUPPLY LK-450
> Amplifier, G-707
> [2 & 440], plus computer ... and these are the things on my operating
> table.

What do you use the AL-80B for? You are not licensed to use it.

112. Re: So, Which reader has actually saved a life or lives using "CW" on Ham Bands?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 00:14:08 UTC
From: Dave Oldridge <doldridg@leavethisoutshaw.ca>
Message-ID: <Xns984FAF5402963doldridgsprintca@64.59.135.159>
Source record: 51786
Cross-posted to: rec.radio.swap,rec.radio.amateur.policy,rec.radio.amateur.antenna

```
Mark@kb9rqz.net wrote in
news:oqvoh25vp31mt3ce6cshbhfsq04bq7nlvl@4ax.com:

> On Fri, 29 Sep 2006 01:46:41 GMT, Dave Oldridge
> <doldridg@leavethisoutshaw.ca> wrote:
>
>>Slow Code <my.mail@no.spam> wrote in news:SPYSg.4010$o71.3724
>>@newsread3.news.pas.earthlink.net:
>>
>>> "LenAnderson@ieee.org" <LenAnderson@ieee.org> wrote in
>>> news:1159466819.636954.270450@k70g2000cwa.googlegroups.com:
>>>
>>>> Please, don't all jump in at once with all the unproven
>>>> bragging and dozens of local weekly newspaper clippings.
>>>>
>>>> Let's hear it for the mode that saved the Titanic survivors
>>>> in 1912...
>>
>>Don't know about whether it saved any lives or not, but I once took a
>>very important NOTAM (Notice to Airman) on CW from a guy in the
>>Aleutians in the days following the 1964 quake and put it on the
>>proper teletype circuits for him.
>>
>>His airport's altitude was changing so that charts and other info were
>>inaccurate.
> on Hand bam?
> http://kb9rqz.blogspot.com/

Yep...on 80m. It was the only communications he had at the time.

--
Dave Oldridge+
ICQ 1800667
```

113. Re: So, Which reader has actually saved a life or lives using "CW" on Ham Bands?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 00:18:26 UTC
From: Dave Oldridge <doldridg@leavethisoutshaw.ca>
Message-ID: <Xns984FB00E39F8Bdoldridgsprintca@64.59.135.159>
Source record: 51787
Cross-posted to: rec.radio.swap,rec.radio.amateur.policy,rec.radio.amateur.antenna

"LenAnderson@ieee.org" <LenAnderson@ieee.org> wrote in
news:1159548473.298539.188490@e3g2000cwe.googlegroups.com:

> Dave Oldridge wrote:
>> Slow Code <my.mail@no.spam> wrote in news:SPYSg.4010$o71.3724
>> @newsread3.news.pas.earthlink.net:
>>
>> > "LenAnderson@ieee.org" <LenAnderson@ieee.org> wrote in
>> > news:1159466819.636954.270450@k70g2000cwa.googlegroups.com:
>> >
>> >> Please, don't all jump in at once with all the unproven
>> >> bragging and dozens of local weekly newspaper clippings.
>> >>
>> >> Let's hear it for the mode that saved the Titanic survivors
>> >> in 1912...
>>
>> Don't know about whether it saved any lives or not, but I once took a
>> very important NOTAM (Notice to Airman) on CW from a guy in the
>> Aleutians in the days following the 1964 quake and put it on the
>> proper teletype circuits for him.
>>
>> His airport's altitude was changing so that charts and other info
>> were inaccurate.
>
> Dave, that sounds very suspicious considering my ground school
> instructor's 1962 display of a then-old Santa Barbara, CA,
> half-hour TTY Wx report (then required by Commerce Dept.).
> SBA (ID of Santa Barbara), like all other weather stations at
> airports, were required to post their local Wx and airport
> conditions every half hour. SBA is on the Pacific coast and
> subject to rapid variations of weather. If weather changes more
> rapidly than that, weather stations were required to post extra
> in-between-scheduled-times reports.
>
> One day, after having fog entering and leaving SBA often, the
> operator of the TTY sent: "THE FOG SHE COMES IN THE FOG
> SHE GOES OUT." :-)
>
> The ground school class at VNY was presented with a
> glassine-protected TTY copy of the Wx message that must
> have been old at that time (the cheap TTY paper was
> already turning yellow). Got a good laugh from the class.

This was NOT weather. This was seismic. The runway was rising in spurts sometimes as much as 3 feet in an hour. And, in that era all the comms were microwave and had been knocked out by the big quake. 80m was all he had.

> In 1964 (which is 42 years ago), the weather stations had their
> own network over leased telephone lines. At least in the 48
> contiguous states. Whether or not Alaska was tied in with
> manual telegraphy (radio or wirelines) I can't confirm...nor do I
> think it important since I know it was NOT via amateur bands.

At that time Alaska was tied into the networks by microwave. When the quake shifted towers, we lost it all.

> NOTAMs take many shapes but back 40+ years ago, the
> FAA handled them and saw to their distribution at airports.
> Most were press-printed but some current ones were sent
> by TTY. That was in times before NOAA.

Yes, I know. I was working at Kimberly Aeradio in BC at the time of the quake. It was violent enough to leave a small mark on my barograph, even at that distance. The guys in Edmonton lost all circuits to Alaska and in short order we knew that we had a HUGE communications emergency on our hands (not to mention a real disaster).

At least I was in a position to put the information on the proper teletype circuits addressed to the proper authorities.

--
Dave Oldridge+
ICQ 1800667

114. Re: So, Which reader has actually saved a life or lives using "CW" on Ham Bands?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 00:23:52 UTC
From: Dave Oldridge <doldridg@leavethisoutshaw.ca>
Message-ID: <Xns984FB0FA1A503doldridgsprintca@64.59.135.159>
Source record: 51788
Cross-posted to: rec.radio.swap,rec.radio.amateur.policy,rec.radio.amateur.antenna

hot-ham-and-cheese@hotmail.com wrote in
news:1159588042.862664.304600@h48g2000cwc.googlegroups.com:

>
> Dave Oldridge wrote:
>> Slow Code <my.mail@no.spam> wrote in news:SPYSg.4010$o71.3724
>> @newsread3.news.pas.earthlink.net:
>>
>> > "LenAnderson@ieee.org" <LenAnderson@ieee.org> wrote in
>> > news:1159466819.636954.270450@k70g2000cwa.googlegroups.com:
>> >
>> >> Please, don't all jump in at once with all the unproven
>> >> bragging and dozens of local weekly newspaper clippings.
>> >>
>> >> Let's hear it for the mode that saved the Titanic survivors
>> >> in 1912...
>>
>> Don't know about whether it saved any lives or not, but I once took a
>> very important NOTAM (Notice to Airman) on CW from a guy in the
>> Aleutians in the days following the 1964 quake and put it on the
>> proper teletype circuits for him.
>>
>> His airport's altitude was changing so that charts and other info
>> were inaccurate.
>>
>> --
>> Dave Oldridge+
>> ICQ 1800667
>
> PADK?

I don't remember now. Those were interesting days. And that kind of
emergency, while it can still happen, would be mitigated today by the
fact of satellite telephones, GPS and so forth that don't depend on local
power or microwave comms. Indeed, cell phones would probably have held
up in most areas if the towers were halfway decently designed and
powered....

It was all the microwave dishes on towers that moved a tad that made it a
real communications emergency. If I were to have to deal with one like
that today, I'd probably vote for using some digital mode, such as PSK31
or Olivia to move the traffic. But all we had back then was 850 shift
RTTY and not very much of that. It was another two years before I got

mine going (170 shift by then already!).

--
Dave Oldridge+
ICQ 1800667

115. Re: Optimising a G5RV

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 00:25:08 UTC
From: Mike Coslo <mremovethiscoslo@adelphia.net>
Message-ID: <CNKdnf9JWM74wb3YnZ2dnUVZ_oOdnZ2d@adelphia.com>
Source record: 51789

Owen Duffy wrote:
> Some months ago I put some thoughts together to assist our newly
> minted 6-hour hams who seem attracted to either short end-fed wires
> (although they refer to them as long-wires) or G5RVs.

Everyone must start somewhere, Owen. 8^)

> This article deals with optimising a typical G5RV (as distinct from an
> optimal G5RV).
>
> I ceased efforts when it became apparent that the procedure was beyond
> the base competency level for our Foundation Licence, and therefore
> beyond the target audience.

I suspect it was probably beyond the ability of the Novices back in the
Good Old Days too. In reading the article, I think that is very true.

> (Another issue was that it required
> transmitting a test carrier on 20m which is not one of their permitted
> bands, so technically they would need assistance.

> Nevertheless, I looked over it today and fixed a few typos.
>
> http://www.vk1od.net/G5RV/optimising.htm
>
> Comments welcome.

Figure 2. (system losses) was a real eye opener! I enjoyed the article
very much.

- 73 de Mike KB3EIA -

116. Re: So, Which reader has actually saved a life or lives using "CW" on Ham Bands?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 00:25:47 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1159748747.669518.246580@k70g2000cwa.googlegroups.com>
Source record: 51790
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

```
Slow Code wrote:
> hot-ham-and-cheese@hotmail.com wrote in
> news:1159588810.130448.295900@i3g2000cwc.googlegroups.com:
>
> >
> > Slow Code wrote:
> >>
> >> Lenny, just to help you feel better about morse code, if I ever hear
> >> you are dying and in need of help, I will use CW to get you help. Then
> >> you'll know before you die a ham used morse code to save a life and you
> >> can rest in peace over CW.
> >>
> >> SC
> >
> > Slow, thats IMPOSSIBLE! If you use CW then how can Len die?
>
>
> Lenny's life was saved. The shock he got at being told he'd been saved by
> CW resulted in him having a heart attack, and that killed him.
>
> SC

Count me dead, too. I never would have believed it.
```

117. Re: So, Which reader has actually saved a life or lives using "CW" on Ham Bands?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 00:29:35 UTC
From: "LenAnderson@ieee.org" <LenAnderson@ieee.org>
Message-ID: <1159748975.912398.171100@e3g2000cwe.googlegroups.com>
Source record: 51791
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Slow Code wrote:

> Lenny's life was saved. The shock he got at being told he'd been saved by
> CW resulted in him having a heart attack, and that killed him.

Contrary to Blow Code's fantasies, "the reports of my demise have
been exaggerated." [more or less a quote of Samuel Clemens]

I've never had a heart attack, have never died. Now quit imaginging
things that haven't happened. If you keep on, the new moderating
team may make you sit in the corner.

LenAnderson@ieee.org

118. Re: So, Which reader has actually saved a life or lives using "CW" on Ham Bands?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 00:32:29 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1159749149.386279.201030@m73g2000cwd.googlegroups.com>
Source record: 51792
Cross-posted to: rec.radio.swap,rec.radio.amateur.policy,rec.radio.amateur.antenna

```
Dave Oldridge wrote:
> Mark@kb9rqz.net wrote in
> news:oqvoh25vp31mt3ce6cshbhfsq04bq7nlvl@4ax.com:
>
> > On Fri, 29 Sep 2006 01:46:41 GMT, Dave Oldridge
> > <doldridg@leavethisoutshaw.ca> wrote:
> >
> >>Slow Code <my.mail@no.spam> wrote in news:SPYSg.4010$o71.3724
> >>@newsread3.news.pas.earthlink.net:
> >>
> >>> "LenAnderson@ieee.org" <LenAnderson@ieee.org> wrote in
> >>> news:1159466819.636954.270450@k70g2000cwa.googlegroups.com:
> >>>
> >>>> Please, don't all jump in at once with all the unproven
> >>>> bragging and dozens of local weekly newspaper clippings.
> >>>>
> >>>> Let's hear it for the mode that saved the Titanic survivors
> >>>> in 1912...
> >>
> >>Don't know about whether it saved any lives or not, but I once took a
> >>very important NOTAM (Notice to Airman) on CW from a guy in the
> >>Aleutians in the days following the 1964 quake and put it on the
> >>proper teletype circuits for him.
> >>
> >>His airport's altitude was changing so that charts and other info were
> >>inaccurate.
> > on Hand bam?
> > http://kb9rqz.blogspot.com/
>
> Yep...on 80m. It was the only communications he had at the time.
>
>
> --
> Dave Oldridge+
> ICQ 1800667

I've been thinking about this. I've taken classes in land surveying
and used to shoot levels at the COE. Other than the earth shaking, how
did he determine what the correct elevation was?
```

119. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 00:32:58 UTC
From: Dave Oldridge <doldridg@leavethisoutshaw.ca>
Message-ID: <Xns984FB284F86CCdoldridgsprintca@64.59.135.159>
Source record: 51793

Alan Peake <adpeake@killspam.internode.on.net> wrote in
news:451CC387.4050007@killspam.internode.on.net:

> Before I go to the trouble of putting up a rhombic, I've been using NEC
> to get an idea of the gain, radiation angle etc for various leg lengths.
> It all looks very promising on the computer but I'd be interested in
> real-world experiences. For example, how well does the real antenna
> approach the PC simulation when various factors like wire sag, uneven
> ground, presence of trees and shrubbery?

I only ever had the use of one REAL rhombic. And that was on 60m in the high arctic (gov't freqs). It was properly designed for the specific path we were using and yes, it was VERY good. You could almost make your own band opening with 5kw!

Properly designed, they have a good reputation for doing what the theory says they will do. Just remember, though, that you're going to have to sewer almost half your transmitted power into the terminating resistor. But that's the half that would be going the wrong way, basically.

--
Dave Oldridge+
ICQ 1800667

120. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 00:33:32 UTC
From: "LenAnderson@ieee.org" <LenAnderson@ieee.org>
Message-ID: <1159749212.507460.206310@m73g2000cwd.googlegroups.com>
Source record: 51794
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

From: Al Klein on Sun, Oct 1 2006 3:25 pm

>On Sun, 01 Oct 2006 04:05:15 GMT, Opus- <jbu...@shaw.ca> wrote:
>>On Sat, 30 Sep 2006 23:00:08 -0400, Al Klein <ruk...@pern.invalid> spake thusly:

>>The fact that I fully support technical testing is well established.
>
>But you're being inconsistent. You only want to eliminate code
>testing because YOU can't see any merit in code.

No, there are thousands and thousands of us who want to
eliminate the US amateur radio code test for any
license. It isn't confined to Jim-"Opus".

Go read ALL the comments to last year's NPRM from the
FCC. I did. Can you?

If you look real close you will see that the FCC doesn't
think that the code test is necessary for their needs
in determining which amateur applicant should get a
license. It didn't in 1990, it didn't in 1998, it
didn't in 2004.

The rewrite of Radio Regulation S25 at WRC-03 eliminated
the international need for all administrations to test for
radiotelegraphy for privileges below 30 MHz. It is
optional to include or exclude by all administrations.
The International Amateur Radio Union wanted that rewrite.
The ARRL did NOT. The IARU won.

> Many people can't
>see any merit in knowing the laws or in having any technical
>knowledge, so why not eliminate testing altogether?

Illogical, incosistent reasoning. The discussion is about
the radiotelegraphy test, a stand-alone test solely for
manual radiotelegraphy. It is NOT about the written test
elements so why mention them? [rhetorical question]

You MUST mention the writtens as somehow "related" but
it never was. It's a common ploy by pro-coders but
still irrelevant.

>Because you want your views to determine what's done. No other cogent
>reason.

Tsk, tsk, tsk. Insulting insinuation there. Bad form.

>>Others who want to end code testing generally feel the same way. This
>>is well established.
>
>Yes, it is. They want everything done the way they want it - just
>like you.

Tsk, tsk, tsk, more insulting insinuation of alleged
"bad conduct." :-)

>You want to get on the air code-free, use the no code bands - CB.

There is only one "CB band." It requires NO TEST at
all. Never has. :-)

>You want to get on frequencies that allow code?

I've been on many, many "frequencies" that didn't require
radiotelegraphy, either in use or to obtain a license to
operate. Got one of those licenses in 1956.

>Pass a code test. It's not rocket science.

It's unnecessary and certainly NOT a "science." :-)

The only agency in the USA that grants amateur radio
licenses is the FCC and they don't think the code test
proves anything to them insofar as granting any amateur
radio license.

>Why should that matter to the FCC?

Ahem, the FCC is the ONLY agency that grants amateur radio
licenses in the USA.

>As I said, you're not
>qualified to discuss something you have absolutely no understanding of
>- let alone make decisions about it for others.

Klein, you are now violating the general to-be rules of
moderation.

Jim-"Opus" is a Canadian. He is licensed under the jurisdiction
of Industry Canada, NOT the FCC. That is his ONLY "qualification
for exemption" in any discussions about what the FCC does or may
do.

YOU, on the other hand, NOT being IN the FCC, cannot legally
"make decisions about (the code test) it for others." That
decision is up the FCC.

What YOU seem to want to do is force everyone current and
future to take that code test...because you had to take a
code test...and you want to "get even." :-)

>You can use your voice on voice bands - called CB.

Incorrect. There is the Maritime Radio Service. There is the Aeronautical Radio Service. There is the Private Land Mobile Radio Service. There is the little Citizens Band Radio Service. All have bands below 30 MHz and all allow voice. [I've been on all of them] It isn't restricted to just CB.

>That's what CB is
>for - communications for those who don't want to pass a ham test
>(which includes CW). Like you.

Now, now, lets not get testy there old timer. Citizens Band Radio Service was established in the USA in 1958, 46 years ago...as a general-purpose, short-range communications band that would suit the general citizenry. It required NO test whatsoever back then, still doesn't require any test. CB has changed, enlarged in the following 46 years and the number of users outnumber all licensed USA radio amateurs by at least 4:1. [with no licensing for decades, only gross numbers of unsers are possible through sales records such as EIA reports]

I believe that Canada has their own CB. Many countries do. That is irrelevant to the retention or elimination to the radiotelegraphy test for USA radio amateurs.

Now be nice and behave in here or the moderator team to be might make you sit in the corner.

Shalom,

LenAnderson@ieee.org

121. Re: Optimising a G5RV

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 00:37:42 UTC
From: Mike Coslo <mremovethiscoslo@adelphia.net>
Message-ID: <Y9-dnXAaBJfKwr3YnZ2dnUVZ_tKdnZ2d@adelphia.com>
Source record: 51795

Owen Duffy wrote:
> On Sun, 01 Oct 2006 14:22:40 -0400, Walter Maxwell <walt@w2du.com>
> wrote:
>
>
>>On Sun, 01 Oct 2006 01:12:02 -0400, jawod <jawod@fuse.net> wrote:
>
>
>>Hi Owen--great job! But you said "comments welcome", so please don't be offended
>>by what I have to say.
>
>
> Walt, the intention was to seek constructive comment. Of course, there
> is always the risk of personal comment... but that is part of the cost
> of technical review as you know.
>
>
>>I have always been curious about all the hype, excitement, and marketing
>>popularity of the G5RV, So I included a section on this antenna in both editions
>>of Reflections, ed 1 in 1990, and ed 2 in 2001, in an attempt to educate the
>>newcomers to its realities. So I invite you to read the pertinent section from
>>the book below:
>
>
> ...
>
>
>>The following is a quote from Chapter 20 in "Reflections-Transmission Lines and
>>Antennas," authored by W2DU.
>>
>>"Sec 20.2.4 The G5RV Antenna
>>
>> With this background on random-length dipoles behind us, it seems
>>appropriate to make a critical examination of a particular 102-foot dipole that
>>is enjoying a great deal of popularity--Louis Varney's G5RV dipole. In spite of
>>its popularity, its operation is not well understood among many amateurs, so
>>I'll shed a little light on the G5RV. First of all, the reason for the 102-foot
>>length for the G5RV is no secret, but it is not well known. Being unaware of
>>certain antenna principles, many amateurs have come to believe that there is
>>some sort of magic in the 102-foot length, and that their all-band success with
>>this antenna is dependent on this specific length. Nothing could be further from
>>the truth, because, except for 20 meters (as I'll soon explain), any random
>>length of at least 3 lambda/2 long at the lowest operating frequency will
>>perform equally well.

>
>
> I am not sure if "3 lambda/2 long at the lowest operating frequency"
> is what you really meant... perhaps I am misunderstanding it.
>
> Copying a quote from one of my articles, "my experience is that where
> a centre fed dipole less than about 0.35 wavelengths in length, it is
> difficult to achieve acceptable feed system efficiency in practical
> configurations". In fractional terms, I would state that minimum
> length as about 3/8 wavelength.
>
>
>> What is the significance of the 102-foot length? Unbeknown to many amateurs
>
>
> ...
>
> I heard this story from an amateur friend (now deceased) who knew
> Louis in the old country, and he used chuckle at the newfound role of
> the G5RV as an efficient all band antenna (which it isn't).

I think there is a significant proportion of the Ham population that
refers to just about *any* wire antenna as a G5RV. I've heard about half
wave G5RV's, Coax fed, ladder line fed, (as in doublet) lots of
variations! ;^)

>>It is unfortunate that many amateurs believe that the balun should be omitted.
>>These people have been misled, because failure to include a balun between the
>>balanced open wire and the unbalanced coax results in RF radiation in the shack
>
>>from current flow on the outer surface of the coax shield.
>
> Agreed. Unfortunately Varney confused the issue with his later article
> that rescinded his advice to use a balun.
>
> I think the words in may latest article "Varney originally described
> the G5RV with a balun at the coax to parallel line transition, and
> changed his mind in a later article due to uncertainty about the balun
> design. More has been learnt of baluns and antennas in the meantime,
> and there is no doubt that inclusion of an effective choke balun at
> that transition will assist in minimising feedline contribution to
> radiation, and conversely, feedline pickup." are valid.

>
>
>>Owen, I didn't include this to detract from your excellent work--you've done a
>>great job. But my position is that since an antenna tuner is necessary anyway
>>for the antenna to be multibanded, why insert any coax at all?
>
>
> Agreed Walt, and no offence taken. Discussion of the issues is what

> our hobby is (or was) about.
>
> Our dear departed friend Reg would hop into me when I wrote about
> G5RVs suggesting that I sold the things, that my perspective was that
> of a salesman and that I was not detached. He was wrong, I have
> erected a G5RV for the purpose of experiencing the thing, of learning
> about it, but the trade-offs involved in a G5RV haven't suited my
> interests for more than that few hours.
>
> The graphs in my two G5RV articles are based on thousands of model
> outcomes, starting from NEC models of the radiator in a typical
> configuration, and then exact transmission line models and tuner
> models.
>
> The thing that I have learned is that most of the loss in typical
> configurations is in the coax, the loss in the coax is driven by what
> it happening on the radiator and open line section, and that reduction
> of coax loss is the key to efficiency. An obvious way to reduce coax
> loss is to reduce (even eliminate) the coax (though a systems
> perspective shows that you don't just deduct the coax loss, ATU loss
> will increase marginally at some frequencies). That is the subtlety in
> my words "This article deals with optimising a typical G5RV (as
> distinct from an optimal G5RV)" The theme being that if you have a
> typical G5RV, here is how to go about getting the best out of what you
> have, if you want to improve it, read the other article linked at the
> bottom the page.

Perhaps getting the best out of it is to lower it to about 4 feet, and use it as a cattle fence? As noted above, we might as well eliminate the coax altogether.

- 73 de Mike KB3EIA -

122. Re: So, Which reader has actually saved a life or lives using "CW" on Ham Bands?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 00:37:46 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1159749466.100153.302330@k70g2000cwa.googlegroups.com>
Source record: 51796
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

```
LenAnderson@ieee.org wrote:
> hot-ham-and-cheese@hotmail.com wrote:
> > kb9rqz@hotmail.com wrote:
> > > hot-ham-and-cheese@hotmail.com wrote:
> > > > LenAnderson@ieee.org wrote:
> > > > > From: hot-ham-and-cheese@hotmail.com on Fri, Sep 29 2006 9:00 pm
> > >
> > > > Correction... that's "9 -dash- 1 -dash- 1." Robesin says so.

> > > then it MUST be worng BB you should know that by now
> >
> > It's come full circle. ;^)
>
> Har! :-) The robeswine spawned the worm ouroborous! :-)

What is that?
```

123. DRESSLER ARA-HDX-100 $350 shipped

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 00:43:10 UTC
From: safetypro <bfdp1@msn.com>
Message-ID: <1159749790.731071.257960@m73g2000cwd.googlegroups.com>
Source record: 51797

Really need to sell this guys so here is the "deal" Universal sells
them for $550

My PRICE IS $350 shipped..................

ARA HDX 100 Active Receiving Antenna

40 kHz -100 MHz High Dynamic Range Model for urban locations. For
Base and Mobile, Land and Maritime (Useable through the FM broadcast
band)
Applications:

VLF and HF Shortwave listening
Scanners, Monitoring
Commercial Communications

ARA HDX 100 Technical Specifications:

Type: Omni-directional whip
Polarization: Vertical (may be mounted horizontally)
Whip material: Fiberglass
Frequency: 40 kHz - 100 MHz
Gain: 7.5 - 9.5 dB
3rd order IP3: +55 dBm
Noise Figure 4 - 6 dB
DC Power Supply: 12.5V @ 200 ma (included)
The HDX models are designed to withstand a higher level of ambient
signal level and are best suite for urban locations with high ambient
RF levels or any other site in close proximity to high power broadcast
or other communication transmission services.

Coax/Connectors: 40' RG - 58U, Type N(F)/BNC (M) with PL-259 adapter
The coax is connectorized at antenna base The ARA antennas are small,
light and very easy to install. Even indoors, they provide excellent
performance across their entire band ranges without any tuning. The ARA

HDX-100 compares favorably with long wire antennas in terms of signal
strength. In addition, the ARA products are "Electrically Short" and
offer the advantage of receiving a lower level of disturbances due to
electrostatic discharge and other man made (QRM) noise. The ARA low
profile also offers wind resistance to 100 MPH, when mounted on a
suitable structure.
All standard ARA models provide about 7-15 dB of gain (depending on
the model) and low noise figures which can enhance the sensitivity of
most shortwave receivers. LMR-240 (Ultra-Flex) low loss cable is now
included as "standard" with all ARA UHF products. The low loss
cable typically increases signal sensitivity by about 6 dB* as compared

to using standard RG-58/U cable.

124. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 00:43:10 UTC
From: "LenAnderson@ieee.org" <LenAnderson@ieee.org>
Message-ID: <1159749789.952875.5760@k70g2000cwa.googlegroups.com>
Source record: 51798
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Al Klein wrote:
> On Sun, 01 Oct 2006 03:54:16 GMT, Opus- <jbuchy@shaw.ca> wrote:
>
> >On Sat, 30 Sep 2006 22:53:38 -0400, Al Klein <rukbat@pern.invalid>
> >spake thusly:
> >
> >>On Sun, 01 Oct 2006 02:27:51 GMT, Opus- <jbuchy@shaw.ca> wrote:
> >>
> >>>On Sat, 30 Sep 2006 14:54:46 -0400, Al Klein <rukbat@pern.invalid>
> >>>spake thusly:
> >>>>On Sat, 30 Sep 2006 06:54:33 GMT, Opus- <jbuchy@shaw.ca> wrote:

>
> Deaf-blind dogs and cats don't normally walk around the streets
> without aid. (Domesticated cats, btw, aren't scent-oriented, they're
> vision-oriented.)

Nonsense. ALL cats (especially domesticated ones) have POOR
vision. They are scent-oriented.

If you've had cats at all you would realize this.

Now why are you gabbling about biological subjects in an amateur
radio policy newsgroup?

>> But tell bees that their dancing is just raw data. Then translate a
>> bee dance for me, blind man.

Now why are you gabbling about biological subjects in an amateur
radio policy newsgroup?

Did you get stung while exiting a cat house?

Be nice Klein or the moderator team to be may make you sit in
the corner.

LenAnderson@ieee.org

125. Attic Antennas and Foil Backed Barriers

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 00:44:55 UTC
From: "fgraves525@gmail.com" <fgraves525@gmail.com>
Message-ID: <1159749895.068600.14750@k70g2000cwa.googlegroups.com>
Source record: 51799

Hello,

I searched this group first and didn't find an exact answer to my situation. I have a large attic in a single story 2100 sq ft. house. I just bought this house a few years ago and it is to be my retirement home. Recently, I got the ham radio bug again and have most of my new gear here ready to go and I overlooked the fact that there is foil on the back of my attic roofing. I am disabled and cannot get in the attic easily and usually have to get my wife or somelse go up there. So I overlooked this.

I want to operate most VHF but I like 20 CW and 10 FM and 6 meters - 440 mhz both SSB and FM. So I've been trying to come up with an antenna to cover that. I have the antennas pretty much decided but Bingo -- the roofing material problem pops up and I don't have any idea how much signal I will lose through that stuff. If it is a few DB and messes the pattern up a little I don't care, but if it is 20 db and won't tune I do care. I'm not a contester -- just like to have fun and have a 100 Watt FT-857D and I'll keep the power down to were I don't start triping the GPFs :)

I have used a HT downstairs and never suspected a problem because it was a little VX-2R and I mostly just listened with it but I could hear all the repeaters and the aircraft band came in like gang busters and SW Broadcast was loud on a little whip. I just sold the HT when I ordered the new rig so I can't make the tests I would like up in the attic now.

Does anyone have any experience with this kind of attic. I have heard everything from it wont work to people that said it worked better than in other standard plywood attics.

I thought a shield had to be at "ground" potential to effectively block a signal (eg Faraday shield). For instance shielded audio cable remains unshielded unless grounded at one end. Does the same hold true for this foil barrier heat shield?

Any help will be appreciated.

Thanks,
Frank, K5OX

126. Re: So, Which reader has actually saved a life or lives using "CW" on Ham Bands?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 00:47:52 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1159750072.865746.265030@e3g2000cwe.googlegroups.com>
Source record: 51800
Cross-posted to: rec.radio.swap,rec.radio.amateur.policy,rec.radio.amateur.antenna

```
Dave Oldridge wrote:
> "LenAnderson@ieee.org" <LenAnderson@ieee.org> wrote in
> news:1159548473.298539.188490@e3g2000cwe.googlegroups.com:
>
> > Dave Oldridge wrote:
> >> Slow Code <my.mail@no.spam> wrote in news:SPYSg.4010$o71.3724
> >> @newsread3.news.pas.earthlink.net:
> >>
> >> > "LenAnderson@ieee.org" <LenAnderson@ieee.org> wrote in
> >> > news:1159466819.636954.270450@k70g2000cwa.googlegroups.com:
> >> >
> >> >> Please, don't all jump in at once with all the unproven
> >> >> bragging and dozens of local weekly newspaper clippings.
> >> >>
> >> >> Let's hear it for the mode that saved the Titanic survivors
> >> >> in 1912...
> >>
> >> Don't know about whether it saved any lives or not, but I once took a
> >> very important NOTAM (Notice to Airman) on CW from a guy in the
> >> Aleutians in the days following the 1964 quake and put it on the
> >> proper teletype circuits for him.
> >>
> >> His airport's altitude was changing so that charts and other info
> >> were inaccurate.
> >
> > Dave, that sounds very suspicious considering my ground school
> > instructor's 1962 display of a then-old Santa Barbara, CA,
> > half-hour TTY Wx report (then required by Commerce Dept.).
> > SBA (ID of Santa Barbara), like all other weather stations at
> > airports, were required to post their local Wx and airport
> > conditions every half hour. SBA is on the Pacific coast and
> > subject to rapid variations of weather. If weather changes more
> > rapidly than that, weather stations were required to post extra
> > in-between-scheduled-times reports.
> >
> > One day, after having fog entering and leaving SBA often, the
> > operator of the TTY sent: "THE FOG SHE COMES IN THE FOG
> > SHE GOES OUT." :-)
> >
> > The ground school class at VNY was presented with a
> > glassine-protected TTY copy of the Wx message that must
> > have been old at that time (the cheap TTY paper was
```

> > already turning yellow). Got a good laugh from the class.
>
> This was NOT weather. This was seismic.

Other geologic events are passed via WX circuits besides earthquakes.
For example, ash plumes as detected by wx satellie observations.
NOTAMS are in the WX circuits.

> The runway was rising in spurts
> sometimes as much as 3 feet in an hour. And, in that era all the comms
> were microwave and had been knocked out by the big quake. 80m was all he
> had.

Fair enough.

> > In 1964 (which is 42 years ago), the weather stations had their
> > own network over leased telephone lines. At least in the 48
> > contiguous states. Whether or not Alaska was tied in with
> > manual telegraphy (radio or wirelines) I can't confirm...nor do I
> > think it important since I know it was NOT via amateur bands.
>
> At that time Alaska was tied into the networks by microwave. When the
> quake shifted towers, we lost it all.
>
> > NOTAMs take many shapes but back 40+ years ago, the
> > FAA handled them and saw to their distribution at airports.
> > Most were press-printed but some current ones were sent
> > by TTY. That was in times before NOAA.
>
> Yes, I know. I was working at Kimberly Aeradio in BC at the time of the
> quake. It was violent enough to leave a small mark on my barograph, even
> at that distance. The guys in Edmonton lost all circuits to Alaska and
> in short order we knew that we had a HUGE communications emergency on our
> hands (not to mention a real disaster).
>
> At least I was in a position to put the information on the proper
> teletype circuits addressed to the proper authorities.
>
>
> --
> Dave Oldridge+
> ICQ 1800667

127. Re: So, Which reader has actually saved a life or lives using "CW" on Ham Bands?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 00:49:17 UTC
From: "LenAnderson@ieee.org" <LenAnderson@ieee.org>
Message-ID: <1159750157.237497.271710@e3g2000cwe.googlegroups.com>
Source record: 51801
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

hot-ham-and-cheese@hotmail.com wrote:
> LenAnderson@ieee.org wrote:
> > hot-ham-and-cheese@hotmail.com wrote:
> > > kb9rqz@hotmail.com wrote:
> > > > hot-ham-and-cheese@hotmail.com wrote:
> > > > > LenAnderson@ieee.org wrote:
> > > > > > From: hot-ham-and-cheese@hotmail.com on Fri, Sep 29 2006 9:00 pm
> > > >
> > > > > Correction... that's "9 -dash- 1 -dash- 1." Robesin says so.
>
> > > > then it MUST be worng BB you should know that by now
> > >
> > > It's come full circle. ;^)
> >
> > Har! :-) The robeswine spawned the worm ouroborous! :-)
>
> What is that?

It is the mythical long worm that keeps eating his own tail. :-)

May not be spelled exactly right...I don't speak Wormish.

If Klein wants to post about seeing-eye cats and bees in the
"Code Reader Recommendation" thread, I can describe
worms. :-)

LenAnderson@ieee.org

128. Re: So, Which reader has actually saved a life or lives using "CW" on Ham Bands?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 00:54:50 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1159750490.583744.301160@e3g2000cwe.googlegroups.com>
Source record: 51802
Cross-posted to: rec.radio.swap,rec.radio.amateur.policy,rec.radio.amateur.antenna

```
Dave Oldridge wrote:
> hot-ham-and-cheese@hotmail.com wrote in
> news:1159588042.862664.304600@h48g2000cwc.googlegroups.com:
>
> >
> > Dave Oldridge wrote:
> >> Slow Code <my.mail@no.spam> wrote in news:SPYSg.4010$o71.3724
> >> @newsread3.news.pas.earthlink.net:
> >>
> >> > "LenAnderson@ieee.org" <LenAnderson@ieee.org> wrote in
> >> > news:1159466819.636954.270450@k70g2000cwa.googlegroups.com:
> >> >
> >> >> Please, don't all jump in at once with all the unproven
> >> >> bragging and dozens of local weekly newspaper clippings.
> >> >>
> >> >> Let's hear it for the mode that saved the Titanic survivors
> >> >> in 1912...
> >>
> >> Don't know about whether it saved any lives or not, but I once took a
> >> very important NOTAM (Notice to Airman) on CW from a guy in the
> >> Aleutians in the days following the 1964 quake and put it on the
> >> proper teletype circuits for him.
> >>
> >> His airport's altitude was changing so that charts and other info
> >> were inaccurate.
> >>
> >> --
> >> Dave Oldridge+
> >> ICQ 1800667
> >
> > PADK?
>
> I don't remember now. Those were interesting days. And that kind of
> emergency, while it can still happen, would be mitigated today by the
> fact of satellite telephones, GPS and so forth that don't depend on local
> power or microwave comms. Indeed, cell phones would probably have held
> up in most areas if the towers were halfway decently designed and
> powered....

BLASPHEMY!!!

CW on 80M still rules during EMCOMMS!
```

;^)

> It was all the microwave dishes on towers that moved a tad that made it a
> real communications emergency.

Gyro/Gimbal mounted dishes?

If I were to have to deal with one like
> that today, I'd probably vote for using some digital mode, such as PSK31
> or Olivia to move the traffic. But all we had back then was 850 shift
> RTTY and not very much of that. It was another two years before I got
> mine going (170 shift by then already!).
>
> --
> Dave Oldridge+
> ICQ 1800667

I think RTTY is cool, but I won't force a RTTY practical exam on anyone.

129. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 00:56:41 UTC
From: Opus- <jbuchy@shaw.ca>
Message-ID: <7qo0i21i5dg4cb3boc1ok1jrlsc3i8692q@4ax.com>
Source record: 51803
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 01 Oct 2006 22:38:29 GMT, Slow Code <my.mail@no.spam> spake
thusly:

>"Jack Ricci" <ricci@mnsi.net> wrote in
>news:efokcn02s86@enews3.newsguy.com:
>
>>
>> More power to the dyslexics...I think they should be made to feel
>> welcome. The crappy name-calling should stop, though.
>>
>> Jack
>
>
>
>Long ago the FCC thought this might be a problem, so that's why they came
>up with CB. You're welcome to CB, Talk all you want on it.

When will CB have the same power and range as ham radio? When it does,
I'll go back.

CB is dead, quit using the term "CB" like an insult. It is short range
and therefore not a comparison.
--
Opus62@gmail.com
(Jim, single dad to Lesleigh [Autistic] 04/20/94)

"What, Me Worry?" A. E. Newman

Please note: All unsolicited e-mail sent to me may, at
my discretion, be posted in this newsgroup verbatim.

130. Re: So, Which reader has actually saved a life or lives using "CW" on Ham Bands?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 00:58:35 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1159750715.617998.89320@c28g2000cwb.googlegroups.com>
Source record: 51804
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

```
LenAnderson@ieee.org wrote:
> hot-ham-and-cheese@hotmail.com wrote:
> > LenAnderson@ieee.org wrote:
> > > hot-ham-and-cheese@hotmail.com wrote:
> > > > kb9rqz@hotmail.com wrote:
> > > > > hot-ham-and-cheese@hotmail.com wrote:
> > > > > > LenAnderson@ieee.org wrote:
> > > > > > > From: hot-ham-and-cheese@hotmail.com on Fri, Sep 29 2006 9:00 pm
> > > > > >
> > > > > > Correction... that's "9 -dash- 1 -dash- 1." Robesin says so.
> > >
> > > > > > then it MUST be worng BB you should know that by now
> > > > >
> > > > It's come full circle. ;^)
> > >
> > > Har! :-) The robeswine spawned the worm ouroborous! :-)
> >
> > What is that?
>
> It is the mythical long worm that keeps eating his own tail. :-)
>
> May not be spelled exactly right...I don't speak Wormish.
>
> If Klein wants to post about seeing-eye cats and bees in the
> "Code Reader Recommendation" thread, I can describe
> worms. :-)
>
> LenAnderson@ieee.org

I never expected to find a worm in the bottom of a tequila bottle. I
expected to find Robeswine there.
```

131. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 01:17:43 UTC
From: Opus- <jbuchy@shaw.ca>
Message-ID: <hvo0i29mab3jv0n9m559aib0j3fkrjr9gc@4ax.com>
Source record: 51805
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 01 Oct 2006 18:39:41 -0400, Al Klein <rukbat@pern.invalid>
spake thusly:

>On Sun, 01 Oct 2006 03:54:16 GMT, Opus- <jbuchy@shaw.ca> wrote:
>
>>On Sat, 30 Sep 2006 22:53:38 -0400, Al Klein <rukbat@pern.invalid>
>>spake thusly:
>>
>>>On Sun, 01 Oct 2006 02:27:51 GMT, Opus- <jbuchy@shaw.ca> wrote:
>>>
>>>>On Sat, 30 Sep 2006 14:54:46 -0400, Al Klein <rukbat@pern.invalid>
>>>>spake thusly:
>>>>>On Sat, 30 Sep 2006 06:54:33 GMT, Opus- <jbuchy@shaw.ca> wrote:
>>>
>>>>>You're simply wrong. Humans are aural creatures. Argue with me when
>>>>>you get enough education in the subject that you're qualified to
>>>>>discuss it.
>>>
>>>>Are YOU qualified? We gather more information about our environment
>>>>from vision than any other sense.
>>>
>>>We gather more information from fellow humans by words than by any
>>>other means. And words aren't processed in the visual cortex, not
>>>even written words.
>>
>>There is a lot more information in our environment than just raw data.
>
>Try to stick to one argument at a time. You were arguing for voice -
>now you're arguing against it. Or is just any argument that might
>possibly be construed to make CW look bad?

Try to keep up. I have been quite consistent. You have not being
paying attention. I made no argument against voice at all. I made the
argument that a live voice conveys more than just words. Again, try to
keep up.

>>>>Ever have a pet cat or
>>>>dog that was blind and deaf? I have and you would be surprised how
>>>>well then can adapt with just the sense of smell and touch alone.
>>>>Humans need some degree of assistance.
>>>
>>>Apples and oranges. Deaf-blind people get along pretty well too, if
>>>they're given food, water and all the comforts of home by someone
>>>else.

>
>>A blind person cannot sniff his way around as well as a dog or cat,
>>therefore a white cane is needed or an unchanging closed environment.
>
>Deaf-blind dogs and cats don't normally walk around the streets
>without aid. (Domesticated cats, btw, aren't scent-oriented, they're
>vision-oriented.)

Never had a cat, did you? I grew up with them. They don't depend on
smell near as much as dogs but they depend on it just the same.

>>>>Why would I want to leave usenet?
>
>>>You don't like CW because you can't tell emotions on CW. Since you
>>>can't tell emotions on Usenet, you evidently don't like Usenet. Or
>>>you're being inconsistent.
>
>>My turn to say apples and oranges then. Can you quote where I said
>>that I didn't like CW? Basically, I say that it's only good for
>>submitting raw data, like usenet.
>
>And you don't want to use it - but you do want to use Usenet.
>Inconsistent.

Are we on the radio right now? Your apples and oranges arguments are
getting tiresome. Here in Usenet, the text is preserved. CW is not.
Text on usenet is easily saved for future consideration. Is CW saved
on a radio server for others to listen to and reply to at their
leisure?

>> Didn't say that it was a bad thing,
>>just not a full, complete way to engage in human discourse.
>
>Neither is voice.
>
>> It should also not be a barrier to the use of amateur radio.
>
>It's not a barrier to USING radio - it's a barrier to one particular
>hobby, which incorporates CW as part of itself. You want to ride a
>bike as a hobby but not use wheels?
>
>Code - ham.

Code - long range but only for a few that can pass an archaic test.

>No code - CB.

No code - short range.

>If that's too complicated for you to grasp, maybe you should take up
>grass-watching as a hobby.
>
>>>>>> I don't speak Ukrainian but I sure knew when my grandmother

>>>>>>was mad at me.
>
>>>>>Not by her words, though, which is what you're claiming. So tell me,
>>>>>what mood am I in at the moment? Evidently, since Usenet is a visual
>>>>>medium, you can tell.
>
>>>>I never said I could tell by her words.
>>>
>>>That's what this discussion is about, so I guess the grandmother story
>>>is just a red herring.
>
>>No that was NOT my point. Let me be more precise: The inflection added
>>by actual voice results in a conversation that is much more than the
>>sum of it's parts, the parts being the words used. My grandmother
>>example simply showed that inflection adds so much more to a
>>conversation that it can, at times, convey some information on it's
>>own without words.
>
>So if she screamed at you, in Ukrainian, with her face all screwed up,
>"You were so good!", you'd get the proper information, that she was
>about to take you to the wood shed for the terrible thing you'd done.
>Right?

Don't be so obtuse. I NEVER said that I would get the proper
information. I said "SOME" information..look above. If I understood
Ukrainian then I would get the full message. If she spoke the same
words in monotone English then I would not likely grasp the degree of
anger at what I had or had not done.

>I can convey as much emotion in CW as your grandmother could in
>Ukrainian. You don't understand CW, so you can't understand how that
>could be true - which is why you're not qualified to discuss the
>matter.

Can you say the same words 10 different ways on CW? Let me guess, you
beep harder when you are agitated.

>My job is like describing the difference between red-orange and
>orange-red to someone who's been blind from birth. "Red-orange is
>redder than orange-red." "But ..." No buts - it is. Someone who's
>never seen just can't understand.

Not a good analogy. I can still hear the CW. I just don't know the
meaning. Your analogy is more like trying to describe CW to a deaf
person.

>>>> Usent is text, by the way, not visual.
>
>>>I'll have to start using my ears to read your posts, then.
>
>>Raw data [text] is all that's needed for this conversation.
>

>Raw data is all that's available for communication.

With CW, yes. Raw data plus inflection conveys a fuller conversation.

>>You insist on reducing the term "communication" to just an exchange of
>>data. I am trying to point out that there is MUCH more to human
>>interactions than just data.
>
>There's much more to human interaction than lexical communications,
>yes - but we're talking about lexical communications here, so anything
>else is totally irrelevant. You can't have any more than lexical
>communication by radio.

Oh bull! You get less than you can in person, true, but much more with
an angry or happy voice than with code.

>But tell bees that their dancing is just raw data. Then translate a
>bee dance for me, blind man.

This is relevant how?

Vocal communication is never just a conveyance of information but you
insist that's all that ham radio is.
--
Opus62@gmail.com
(Jim, single dad to Lesleigh [Autistic] 04/20/94)

"What, Me Worry?" A. E. Newman

Please note: All unsolicited e-mail sent to me may, at
my discretion, be posted in this newsgroup verbatim.

132. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 01:17:52 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1159751871.976115.185070@c28g2000cwb.googlegroups.com>
Source record: 51806
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

LenAnderson@ieee.org wrote:
> From: Al Klein on Sun, Oct 1 2006 3:25 pm
>
> >On Sun, 01 Oct 2006 04:05:15 GMT, Opus- <jbu...@shaw.ca> wrote:
> >>On Sat, 30 Sep 2006 23:00:08 -0400, Al Klein <ruk...@pern.invalid> spake thusly:
>
> >>The fact that I fully support technical testing is well established.
> >
> >But you're being inconsistent. You only want to eliminate code
> >testing because YOU can't see any merit in code.
>
> No, there are thousands and thousands of us who want to
> eliminate the US amateur radio code test for any
> license. It isn't confined to Jim-"Opus".

Funny. I haven't followed this thread, but "Opus" would be a screen
name that Jim would choose. I'll have to go read this "Opus" character.

133. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 01:22:42 UTC
From: Bill <baycock@hughes.net>
Message-ID: <1159752162.046232.234250@b28g2000cwb.googlegroups.com>
Source record: 51807

Felix wrote:
> Cecil Moore Wrote:
> > Richard Fry wrote:-
>
> Felix Meyer, HB9ABX
>Felix

Felix- your confusion is based on the fact that no one will believe you without a basis for a real comparison of your antenna with a reference antenna, done by another person, with publication of the results and a description of the method.
NO qso "data" will do this. In that regard, you are just another pusher of an EH or CFA antenna.
If you are serious, you will let some independent expert make one to your description, and test it properly. (That's what shot down the EH)
In regard to the inability of such programs as EZNEC to properly evaluate your antenna, I have not seen a well described antenna that could not be evaluated honestly by a person aware of antenna theory and the modelling programs.
Good luck-Bill

134. Re: Optimising a G5RV

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 01:36:17 UTC
From: jawod <jawod@fuse.net>
Message-ID: <45206D11.4050904@fuse.net>
Source record: 51808

Owen Duffy wrote:
> Some months ago I put some thoughts together to assist our newly
> minted 6-hour hams who seem attracted to either short end-fed wires
> (although they refer to them as long-wires) or G5RVs.
>
> This article deals with optimising a typical G5RV (as distinct from an
> optimal G5RV).
>
> I ceased efforts when it became apparent that the procedure was beyond
> the base competency level for our Foundation Licence, and therefore
> beyond the target audience. (Another issue was that it required
> transmitting a test carrier on 20m which is not one of their permitted
> bands, so technically they would need assistance.)
>
> Nevertheless, I looked over it today and fixed a few typos.
>
> http://www.vk1od.net/G5RV/optimising.htm
>
> Comments welcome.
>
> Owen
> --
>

measure the VSWR at different frequencies in the 20m band, initially
VSWR should be quite high, and higher at the high end of the band;
> # shorten the line a little at a time and repeat from 5 until the VSWR minimum (should be
close to 1) occurs at 14.15MHz.

A nice article indeed. The above quote is from the set-up section. My
take is that this empirical approach requires almost no knowledge of
velocity factor at all. In fact, the article recommends against using
vf values listed or tabled in catalogs from suppliers. The reader is
instructed to find the vf ostensibly by experiment. This empirical
approach is the "old school" ham approach that I grew up with: cut and
tweak until you get what you want.

This is where we still live.

Owen, thanks for listing your article. Electrical length is indeed
important. Finding it by experiment is the process. I guess what I'm
trying to say is that, if you can't rely on published vf data and you
have to determine it empirically, you might be able to design a
perfectly good antenna, barely considering vf at all...just measure and
cut and measure and cut and...

John
AB8O

135. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 01:44:22 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <0a_Tg.280$x_6.272@newsfe10.lga>
Source record: 51809

"Roy Lewallen" <w7el@eznec.com> wrote in message
news:12huejocce07gc3@corp.supernews.com...
> Antenna modeling tools aren't intended to model propagation effects. But
> the stronger the signal radiated in the right direction, the stronger the
> received signal will be. And the strength of the radiated signal in each
> direction is what the antenna modeling program shows.
>

True, not argument there.

> As for the "effect of capture area", the "capture area" of an antenna is
> just another way of stating the gain. This information is what you get
> from an antenna modeling program.
>
> Roy Lewallen, W7EL
>

What I had in mind is the difference in "capture area" related to physical
size of antenna like rhombic vs. similar gain, say Yagi. It appears that
rhombics perform better than corresponding Yagi thanks to larger physical
size (5 - 10 wave lengths) interacting with the environment (more like
diversity effect?). It seems that rhombics perform better than calculated
gain/capture area figures.
We will have opportunity to do some tests of rhombics farm vs. some classics
soon. It will be interesting to see the results.

73 Yuri

136. 802.11x, PCMCIA (or USB) adapter with RSSI and external antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 02:01:02 UTC
From: Miem <MiemChan@gmail.com>
Message-ID: <1159754462.201558.54010@k70g2000cwa.googlegroups.com>
Source record: 51810

Hi,

There are vast amunt of variety for 802.11 network adapter cards in the market.

For an experiement I am searching for 802.11x (a,b,g) adapter card with PCMCIA (or USB) interface.
This experiments will look at the RSSI (Rceive Signal Strength Indication), channel capacity (throughput), as a function of the range between two communication nodes, antenna type, polarization etc.

(A) Do you know any off the shelf 802.11x network adapter card with the following specs
* Software drivers for MS - Windows, Linux and QNX operating systems
* PCMCIA (or USB) interface
* RSSI (Rceive Signal Strength Indication)
* External antenna connection
(B) If you have you done similar experiments would you like to share your findings with us?

Regards

Miem Chan

miemchan at yahoo com au

137. Re: Optimising a G5RV

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 02:11:34 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <3js0i2dqu09l3a008bcb7uvfc1h5rkedtg@4ax.com>
Source record: 51811

On Sun, 01 Oct 2006 20:25:08 -0400, Mike Coslo
<mremovethiscoslo@adelphia.net> wrote:

>Owen Duffy wrote:
>> Some months ago I put some thoughts together to assist our newly
>> minted 6-hour hams who seem attracted to either short end-fed wires
>> (although they refer to them as long-wires) or G5RVs.
>
> Everyone must start somewhere, Owen. 8^)
>

Yes of course... but it is demoralising to recommend a procedure to people when it is not within the capability. They won't be happy sitting amidst a pile of chopped up ladder line and no result!

...
> Figure 2. (system losses) was a real eye opener! I enjoyed the article
>very much.

As a cross check, the G5RV's performance is easiest understood on 14MHz (where it is 3 half waves centre fed with a near 1:1 transformer to the coax) and 28MHz (where it is 6 half waves centre fed with a near 1:1 transformer to the coax).

Doing a back of the envelope calc for 14MHz where it is fed at a current maximum indicates ~90 ohm load on the coax, and VSWR ~2:1, so on the face of it, losses should be relatively low.

Doing a back of the envelope calc for 28MHz where it is fed at a voltage maximum indicates ~2100 ohm load on the coax, and load end VSWR ~42:1, so on the face of it, coax losses become much higher. Loss in 15m of RG58C/U under those conditions is ~8dB, or about 15% efficiency (coax alone). That reconciles with the graphs... the data is believable! (You could raise the coax efficiency with RG8X (as often recommended / supplied) to ~20% , but it still isn't pretty.)

Thanks Mike.

Owen
--

138. Re: Solder to Aluminum?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 02:33:59 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <IU_Tg.16485$vi3.5024@bignews3.bellsouth.net>
Source record: 51812

<jimp@specsol.spam.sux.com> wrote in message
news:4cbnr3-gol.ln1@mail.specsol.com...
> Ed Light <nobody@nobody.there> wrote:
>> Hi, Antenna Guys.
>
>> My FM antenna had the wire attachment posts ripped out by the wind. I'm
>> wondering if I can solder to the aluminum? Then I'd epoxy over it. I'd
>> just
>> try it, but I'm afraid it might pop in my face or something.
>
> Ordinary solder, no, but there are solders specifically made for
> aluminum.
>
> --
> Jim Pennino
>
> Remove .spam.sux to reply.

Actually regualr old 40/60 solid core works fine . the trick is the flux.
Use 10w motor oil. Over the years Ive won more than a few after work beers
from guys around here by soldering a copper wire to a pop top ring.

139. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 02:53:59 UTC
From: Opus- <jbuchy@shaw.ca>
Message-ID: <5pv0i2lchcfi69t05pup8hmvg164ikna0d@4ax.com>
Source record: 51813
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On 1 Oct 2006 18:17:52 -0700, hot-ham-and-cheese@hotmail.com spake
thusly:

>
>LenAnderson@ieee.org wrote:
>> From: Al Klein on Sun, Oct 1 2006 3:25 pm
>>
>> >On Sun, 01 Oct 2006 04:05:15 GMT, Opus- <jbu...@shaw.ca> wrote:
>> >>On Sat, 30 Sep 2006 23:00:08 -0400, Al Klein <ruk...@pern.invalid> spake thusly:
>>
>> >>The fact that I fully support technical testing is well established.
>> >
>> >But you're being inconsistent. You only want to eliminate code
>> >testing because YOU can't see any merit in code.
>>
>> No, there are thousands and thousands of us who want to
>> eliminate the US amateur radio code test for any
>> license. It isn't confined to Jim-"Opus".
>
>Funny. I haven't followed this thread, but "Opus" would be a screen
>name that Jim would choose. I'll have to go read this "Opus" character.

Oh I am just your ordinary, average insecure penguin.
--
Opus62@gmail.com
(Jim, single dad to Lesleigh [Autistic] 04/20/94)

"What, Me Worry?" A. E. Newman

Please note: All unsolicited e-mail sent to me may, at
my discretion, be posted in this newsgroup verbatim.

140. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 03:27:47 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12i11pmk2641k45@corp.supernews.com>
Source record: 51814

Yuri Blanarovich wrote:
>
> What I had in mind is the difference in "capture area" related to physical
> size of antenna like rhombic vs. similar gain, say Yagi. It appears that
> rhombics perform better than corresponding Yagi thanks to larger physical
> size (5 - 10 wave lengths) interacting with the environment (more like
> diversity effect?).

That's a commonly believed myth, but myth it is.

It seems that rhombics perform better than calculated
> gain/capture area figures.

So do EH, CFA, Isotron, Rai-beam, and more other antennas that I can count. That's because modeling programs just don't account for the magical effects.

> We will have opportunity to do some tests of rhombics farm vs. some classics
> soon. It will be interesting to see the results.

Maybe. Even fairly simple RF measurements are very difficult to make with even modest accuracy. Antenna measurements are more difficult yet.

Roy Lewallen, W7EL

141. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 03:43:26 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <n421i251bl2lpeosqlk1a91otjm2vaqfl7@4ax.com>
Source record: 51815

On Sun, 01 Oct 2006 20:27:47 -0700, Roy Lewallen <w7el@eznec.com>
wrote:

>So do EH, CFA, Isotron, Rai-beam, and more other antennas that I can
>count. That's because modeling programs just don't account for the
>magical effects.

To add to the list, secret / undescribed / proprietary components that
impart the "special" features.

Owen
--

142. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 04:25:28 UTC
From: N7ZZT - Eric Oyen <n7zzt@127.0.0.1>
Message-ID: <2900075.q9U2II7gGK@www.usenetzone.com>
Source record: 51816
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Jack Ricci wrote:

> These are serious questions I have of CW operation, with no harm,
> malice,
> hurt, or put-downs intended for anyone, so I hope this thread does not
> degrade to that point.

I wouldn't worry about that too much. just be careful of some of the advice dispensed around here though....

>
> When listening to CW on my scanner, are there any tell-tale indications
> that the operator is dyslexic? Does a dyslexic ham use the same speed,
> protocol and " short-hand/short-form wording " as a more proficient ham
> would use in communicating CW? Do dyslexic hams ever really use CW, or
> would
> dyslexic hams ever even consider the use of CW on a regular basis? Are
> dyslexic would-be hams able to pass the CW portion of an exam to get into
> a higher class of license and increased privileges?

well, Dyslexia often affects the interconnection of the visual processing centers with that of visual pattern recognition. I know, I have that problem myself.

Since this problem appears to be one in the visual side of the system, it stands to reason that sound would not be affected in the same way (nor would touch - in my case, braille is far easier for me to read than the printed word was). CW is much the same way for me. I picked it up as a teen, but never did get around to using it, nor did I bother with it when I went in to take my first Amateur radio exame.

you may note how well I type. Actually, its an automatic spell checker correcting some of the "dyslexic typing" my fingers turn out. There are some word variations that still get past the spellcheck though. :(

point is, since CW is a sound language, it might be loads easier for her to learn than say the printed word.

DE N7ZZT
Phoenix, Arizona

143. Re: DRESSLER ARA-HDX-100 $350 shipped

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 06:52:58 UTC
From: RHF <rhf-newsgroups@pacbell.net>
Message-ID: <1159771978.896582.125690@h48g2000cwc.googlegroups.com>
Source record: 51817

If... Still Available at $350 - Consider It Sold.

sent you an email with no reply ~ RHF
.
.
. .

safetypro wrote:
> Really need to sell this guys so here is the "deal" Universal sells
> them for $550
>
> My PRICE IS $350 shipped..................
>
>
> ARA HDX 100 Active Receiving Antenna
>
>
> 40 kHz -100 MHz High Dynamic Range Model for urban locations. For
> Base and Mobile, Land and Maritime (Useable through the FM broadcast
> band)
> Applications:
>
>
> VLF and HF Shortwave listening
> Scanners, Monitoring
> Commercial Communications
>
>
> ARA HDX 100 Technical Specifications:
>
>
> Type: Omni-directional whip
> Polarization: Vertical (may be mounted horizontally)
> Whip material: Fiberglass
> Frequency: 40 kHz - 100 MHz
> Gain: 7.5 - 9.5 dB
> 3rd order IP3: +55 dBm
> Noise Figure 4 - 6 dB
> DC Power Supply: 12.5V @ 200 ma (included)
> The HDX models are designed to withstand a higher level of ambient
> signal level and are best suite for urban locations with high ambient
> RF levels or any other site in close proximity to high power broadcast
> or other communication transmission services.
>
>

> Coax/Connectors: 40' RG - 58U, Type N(F)/BNC (M) with PL-259 adapter
> The coax is connectorized at antenna base The ARA antennas are small,
> light and very easy to install. Even indoors, they provide excellent
> performance across their entire band ranges without any tuning. The ARA
>
> HDX-100 compares favorably with long wire antennas in terms of signal
> strength. In addition, the ARA products are "Electrically Short" and
> offer the advantage of receiving a lower level of disturbances due to
> electrostatic discharge and other man made (QRM) noise. The ARA low
> profile also offers wind resistance to 100 MPH, when mounted on a
> suitable structure.
> All standard ARA models provide about 7-15 dB of gain (depending on
> the model) and low noise figures which can enhance the sensitivity of
> most shortwave receivers. LMR-240 (Ultra-Flex) low loss cable is now
> included as "standard" with all ARA UHF products. The low loss
> cable typically increases signal sensitivity by about 6 dB* as compared
>
> to using standard RG-58/U cable.

144. Re: Solder to Aluminum?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 07:12:37 UTC
From: "Helmut Wabnig"
Message-ID: <0ue1i2tmv8pv8si4v4jqcql3u7tlhkmjst@4ax.com>
Source record: 51818

On Sun, 1 Oct 2006 22:33:59 -0400, "Jimmie D"
<jimmiedee@bellsouth.net> wrote:

>Actually regualr old 40/60 solid core works fine . the trick is the flux.
>Use 10w motor oil. Over the years Ive won more than a few after work beers
>from guys around here by soldering a copper wire to a pop top ring.
>
How strong does it hold, can it be pulled off easily?
w.

145. New version of my 2m omni (was Re: Please identify this vertical antenna)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 08:53:07 UTC
From: davis@space.mit.edu
Message-ID: <slrnei1krg.78k.davis@aluche.mit.edu>
Source record: 51819

On 27 Sep 2006 02:49:55 GMT, I wrote wrote:
> What sort of gain is expected from an EDZ? I tweaked the topology
>of my design a bit in the hope of getting a broader bandwidth, but
>instead got even more gain. For example, the version represented
>below has a minimum gain of more than 4.7 dBi (at the side) and more
>than 5.25 dBi in the forward direction. Previously I reported gain
>values that ran from 4.2-4.7 dBi. So this one represents a bit of an
>improvement. I may try building it this weekend. Thanks, --John

I found time this weekend to construct this antenna and it seems to
work quite well. See <http://www.jedsoft.org/fun/antennas/omni.html>
for the details including a picture of the antenna.

While testing it, I made a contact through a distant repeater (40
miles away) and was told that the signal was solid. This was with the
antenna in its test position with the center about 10 feet off the
ground and the transmitter power at 5 watts. Unfortunately I cannot
be more quantitation than that.

Unless I have overlooked some other design, this seems to be an
extremely simple and effective home-brew antenna.

Comments welcome.
Thanks,
--John

146. Re: Attic Antennas and Foil Backed Barriers

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 11:15:10 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1159787710.211673.36290@i42g2000cwa.googlegroups.com>
Source record: 51820

Well Frank, you are in a bind if the in-the-attic antenna is all you can put up, especially for HF... The foil is an impenetrable barrier to RF trying to launch upwards...
How about loading the gutters around the house?
How about a flag pole vertical? Or even a pair for switchable end-fire / broad-side...
For a bit of money one of the pneumatic poles would make a great flag pole.. Down for 20 during the day and up for 40 at night...
How about a screwdriver tunable whip mounted somewhere on the center of the roof (if outside antennas are verboten you can call it a lightning rod), with the foil underneath and a few radials this should play...
Or as an angled "flag pole' off an upper window sill...
Maybe the wife would like a pulley clothes line for drying clothes - from the second story window? If it just happens to be a quarter wave on 40 meters the clothes should dry that much better...
(ya, ya, ya, I know you wet nosed kids don't have a clue what a pulley clothes line is - so expand your education)
How about a wire up the chimney? To a lightning rod?
As a last resort a wire can be run around the inside of the roofing insulation with a short screw into each sheet of foil board so it is all bonded... Then a vertical wire from the first floor, or the basement and load this as a vertical with a big top hat... You will need a good set of ground radials to work it against...

gl denny / k8do

147. Re: beam SWR change going from low to high above ground

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 11:17:40 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1159787860.209877.49210@i42g2000cwa.googlegroups.com>
Source record: 51821

I vote with RIchard...Standing the beam straight up on wood saw horses
and tuning it has worked for many, many times...

denny / k8do

148. Re: Attic Antennas and Foil Backed Barriers

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 11:25:33 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12i1tpgsavb9u55@corp.supernews.com>
Source record: 51822

fgraves525@gmail.com wrote:
> . . .there is foil on the back of my attic roofing. . .
>
> I want to operate most VHF but I like 20 CW and 10 FM and 6 meters -
> 440 mhz both SSB and FM. So I've been trying to come up with an antenna
> to cover that. I have the antennas pretty much decided but Bingo -- the
> roofing material problem pops up and I don't have any idea how much
> signal I will lose through that stuff. If it is a few DB and messes the
> pattern up a little I don't care, but if it is 20 db and won't tune I
> do care. . .
>
> Does anyone have any experience with this kind of attic. I have heard
> everything from it wont work to people that said it worked better than
> in other standard plywood attics.

The whole range of reports could be completely true. There are many variables involved, including but not limited to the width of the batts, whether and how much they overlap or how far they're spaced, how far and how they're oriented relative to the antenna, the type of antenna, the frequency, possibly the thickness of the aluminum, and the directions and elevation angles of desired communication.

So any binary answer of "works" or "doesn't work" has a 50% likelihood of being right. I generally use a coin to make this sort of decision.

> I thought a shield had to be at "ground" potential to effectively block
> a signal (eg Faraday shield).

Nope, not at all. To be effective, an RF shield has to be continuous, that is completely enclose what it is you're trying to shield. Shielding DC electrostatic fields is another matter and not applicable here. Your foil insulation makes a lousy shield at HF. But that's not to say it won't have some profound effects, as I elaborate below.

> For instance shielded audio cable remains
> unshielded unless grounded at one end. Does the same hold true for this
> foil barrier heat shield?

Nope. A shielded audio cable works somewhat differently than a coax cable carrying RF or an RF shield.

An HF antenna will be close to the foil in terms of wavelength. It will induce a current on the surface of the antenna side of the foil. This will flow around the edges of the foil to the outside, where it'll become the real antenna and radiate. The field from this conductor will (vectorially) add to whatever field escapes from the intended antenna

itself, so the net field will be a combination of the two. The only practical way to find out what the result will be is to try it. The proximity of the foil will also modify the impedance of the antenna, very possibly in a major way. So classical formulas for antennas in free space might be way off, and if so you'll probably need a tuner to match it.

What I don't know is whether the radiant barrier, which apparently is often much thinner than a conventional foil insulation moisture barrier and perforated to allow moisture through, might be thin and irregular enough to be lossy. But I kind of doubt it.

Good luck!

Roy Lewallen, W7EL

149. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 11:37:56 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <oS6Ug.12359$7I1.2576@newssvr27.news.prodigy.net>
Source record: 51823
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Opus- wrote:
> Vocal communication is never just a conveyance of information but you
> insist that's all that ham radio is.

I haven't heard any information being conveyed on 75m
phone in years. :-)
--
73, Cecil http://www.w5dxp.com

150. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 11:44:27 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <vY6Ug.12360$7I1.1750@newssvr27.news.prodigy.net>
Source record: 51824

Bill wrote:
> I have not seen a well described antenna that
> could not be evaluated honestly by a person aware of antenna theory and
> the modelling programs.

The Lentine (sp?) antenna, consisting of different lengths
of radiating transmission stubs proved impossible for me
to model with EZNEC.
--
73, Cecil http://www.w5dxp.com

151. Re: Optimising a G5RV

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 11:57:13 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1159790233.778524.114110@m7g2000cwm.googlegroups.com>
Source record: 51825

Uhhh guys, I hate to point this out to such an august group, but feel compelled...

The G5RV is well liked by the appliance operators because it works for them!!! (doh)

All right now, once you have quit swearing at the monitor screen and settled your ruffled feathers, ask me why it works... (Walt, please don't analyze the G5RV again, it has to cause pain and nausea when doing that.)

Simple, it works because it is unbalanced - and both the unbalanced top hat and the OCF feed line radiate... Bingo, instant communications, high angle and low angle... Does it work well?

Well, in a word, NO; not compared to efficient antennas... But the guys using it don't care (comprehend) that an efficient antenna (more time and effort) will give a 3dB or even 6dB better signal...

The other thing is the name has cachet... As in, " . . . the antenna here is a G5RV, that's George Five Radio VICTORY." Just as my generation took pride in, " the antenna here is an 8JK." (I am a cognoscenti and your antenna is dirt)

Now, back to our regularily scheduled program analyzing how many angels can operate CW on the head of a pin...

denny / k8do (busily trying to extract tongue from cheek)

152. Re: Attic Antennas and Foil Backed Barriers

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 12:15:05 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1159791305.463036.198880@e3g2000cwe.googlegroups.com>
Source record: 51726

Roy, as a novice for Field Day it was raining cats and dogs... I went to the family farm out in the boonies and hung a 40 meter dipole the length of the barn, in the rafters and out of the rain..... Didn't occur to me that being about 8 feet under the metal roofing would be a problem... Well, even as a really green novice I knew when an antenna was a dog... That dipole couldn't even hear itself... And that is with the dipole being 35 feet in the air in the rafters... My Lafayette kit receiver (copy of an S-38, boy did those half circle dial indicators look cool) and a rock bound HeathKit DX-35... I froze my butt off in the milk house that night trying to make contacts... I don't remember the exact number but it could not have been more than 25 Q's... About 4AM I gave up and went back to town...

denny / k8do

Roy Lewallen wrote:
> fgraves525@gmail.com wrote:
> > . . .there is foil on the back of my attic roofing. . .

153. Re: Attic Antennas and Foil Backed Barriers

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 12:20:32 UTC
From: Alan WA4SCA <APBIDDLE@UNITED.NET>
Message-ID: <lc02i2lp8pdp4iir0ji71nmekaos97ld1c@4ax.com>
Source record: 51727

Frank,

Unfortunately, the results are very much of the "it depends" nature. A good friend in a condo with a similar situation does very well for short hops with a dipole and remote tuner in the attic, with some occasional DX thrown in on PSK31. With the "ground" so close, he is mostly seeing NVIS propagation into adjacent states. However, it is the only option due to the HOA.

He has one of those XM radios which can be used in the car or house. The only place it would work in the house was inconveniently near a window until he cut out a section of the insulation backing directly above the desired location. Works fine now.

--
Alan
WA4SCA

154. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 12:26:34 UTC
From: Billy cumgobbler Smith <billy_shittydrawers_smith@yahoo.com>
Message-ID: <1159791994.513652.280560@c28g2000cwb.googlegroups.com>
Source record: 51728
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

U-Know-Who wrote:
> <Mark@kb9rqz.net> wrote in message
> news:oq20i2dos2vd3g787bk3psh8sig2tv40qe@4ax.com...
> > On Sat, 30 Sep 2006 11:36:42 -0400, Mark@kb9rqz.net wrote:
> >
> >>On Sat, 30 Sep 2006 08:05:16 -0400, Dave <W1MCE@comcast.net> wrote:
> >>
> >>>Cecil Moore wrote:
> >>>
> >>>> Dave wrote:
> >>>>
> >>>> NO! I can't have a QSO with a no-code ham.
> >>>> They can't copy CW!!! So, No QSO!
> >>>>
> >>>>
> >>>> So you wouldn't respond to a Mayday and save a life?
> >>>> Nice guy.
> >>>
> >>>How does one say mayday on CW? My radio only works on the bottom 25 KHz
> >>>of the
> >>>HF bands.
> >>then you are a porrly equiped ham and should turn your license in for
> >>the good of the ars
> >>http://kb9rqz.blogspot.com/
> > I am fairly well equipped: IC-756 Pro III, IC-746, AL-80B amplifier,
> > ANC-4 noise
> > canceller, MFJ 1025 Signal enhancer, TS-570D, AMP SUPPLY LK-450
> > Amplifier, G-707
> > [2 & 440], plus computer ... and these are the things on my operating
> > table.
>
> What do you use the AL-80B for? You are not licensed to use it.

Looks like Markie going to get a letter from the FCC.

155. MoonRaker EVX5000

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 12:56:32 UTC
From: GW4DVB <hrd@g4dvb.co.uk>
Message-ID: <1159793792.902862.131770@c28g2000cwb.googlegroups.com>
Source record: 51729

Has anybody got any experience of working with the Moonraker EVX5000

Thanks

156. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 13:02:44 UTC
From: Richard Fry <rfry@adams.net>
Message-ID: <efr2lonvs2@emma.aioe.org>
Source record: 51730

"Richard Clark" wrote:
> I've been modeling for results at the horizon for as long as I've held
> a copy of EL/EZNEC. This and the Brown, Lewis, Epstein data
> confirm to within 1dB as I've reported on more than one occasion.

Even the demo version of EZNEC, used judiciously, can do that.

The link below leads to a screen clip of EZNEC output windows. EZNEC parameters were set for the 1937 BL&E study for a 90 degree monopole, and the r-f ground produced by ~113 radials each about 0.41 lambda long

EZNEC shows an h-plane field of 189.76 mV/m at 1 mile for 1 kw of applied power. The BL&E paper shows about 191 mVm for those conditions (Figure 30).

The EZNEC calculation for these conditions differs from the BL&E paper by less than 0.06 dB.

http://i62.photobucket.com/albums/h85/rfry-100/BLE1937GroundSystemStudyNEC-2Emulat.gif

RF

PS: And many thanks to Roy Lewallen for making a demo version of EZNEC available.

157. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 13:19:15 UTC
From: kb9rqz_child_molester@yahoo.com
Message-ID: <1159795155.242202.244170@h48g2000cwc.googlegroups.com>
Source record: 51731
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

N7ZZT - Eric Oyen wrote:
> Jack Ricci wrote:
>
> > These are serious questions I have of CW operation, with no harm,
> > malice,
> > hurt, or put-downs intended for anyone, so I hope this thread does not
> > degrade to that point.
>
> I wouldn't worry about that too much. just be careful of some of the advice
> dispensed around here though....

Especially from Eric.

> >
> > When listening to CW on my scanner, are there any tell-tale indications
> > that the operator is dyslexic? Does a dyslexic ham use the same speed,
> > protocol and " short-hand/short-form wording " as a more proficient ham
> > would use in communicating CW? Do dyslexic hams ever really use CW, or
> > would
> > dyslexic hams ever even consider the use of CW on a regular basis? Are
> > dyslexic would-be hams able to pass the CW portion of an exam to get into
> > a higher class of license and increased privileges?
>
> well, Dyslexia often affects the interconnection of the visual processing
> centers with that of visual pattern recognition. I know, I have that
> problem myself.

You have more problems than that, dumbass!

158. Re: Optimising a G5RV

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 13:20:38 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Gm8Ug.8223$vJ2.1550@newssvr12.news.prodigy.com>
Source record: 51732

Denny wrote:
> Simple, it works because it is unbalanced - and both the unbalanced top
> hat and the OCF feed line radiate...

Someone will repeat this and a new myth will be born. :-)
--
73, Cecil http://www.w5dxp.com

159. Re: Attic Antennas and Foil Backed Barriers

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 13:48:14 UTC
From: Gene Fuller <W4SZzzzzzz@att.net>
Message-ID: <yM8Ug.13601$QZ1.13487@bgtnsc04-news.ops.worldnet.att.net>
Source record: 51733

Roy Lewallen wrote:
> fgraves525@gmail.com wrote:
>> . . .there is foil on the back of my attic roofing. . .
>> I want to operate most VHF but I like 20 CW and 10 FM and 6 meters -
>> 440 mhz both SSB and FM. So I've been trying to come up with an antenna
>> to cover that. I have the antennas pretty much decided but Bingo -- the
>> roofing material problem pops up and I don't have any idea how much
>> signal I will lose through that stuff. If it is a few DB and messes the
>> pattern up a little I don't care, but if it is 20 db and won't tune I
>> do care. . .
>> Does anyone have any experience with this kind of attic. I have heard
>> everything from it wont work to people that said it worked better than
>> in other standard plywood attics.
>
> The whole range of reports could be completely true. There are many
> variables involved, including but not limited to the width of the batts,
> whether and how much they overlap or how far they're spaced, how far and
> how they're oriented relative to the antenna, the type of antenna, the
> frequency, possibly the thickness of the aluminum, and the directions
> and elevation angles of desired communication.

Hi Roy,

This may be known only to people who live where the sun actually appears in the sky on regular occasions. What Frank is talking about is not ordinary foil-backed insulation batts. It is now very common in the South for the plywood sheeting used in roof structures to be completely covered with a bonded aluminum foil which serves as a radiant barrier. The only gaps are the small cracks between the plywood sheets. It is not the same as a completely solid sheet of aluminum, but the continuous aluminum pieces are much larger, and the gaps are much smaller than those that would be found in a typical installation of foil-backed insulation.

Your answer of "it depends" is of course completely correct.

73,
Gene
W4SZ

160. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 14:20:52 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <ef9Ug.1$852.0@newsfe08.lga>
Source record: 51734

"Roy Lewallen" <w7el@eznec.com> wrote in message
news:12i11pmk2641k45@corp.supernews.com...
> Yuri Blanarovich wrote:
>>
>> What I had in mind is the difference in "capture area" related to
>> physical size of antenna like rhombic vs. similar gain, say Yagi. It
>> appears that rhombics perform better than corresponding Yagi thanks to
>> larger physical size (5 - 10 wave lengths) interacting with the
>> environment (more like diversity effect?).
>
> That's a commonly believed myth, but myth it is.
>

Perhaps "myth" based on actual experiences. W6AM had a rhombic farm and
results in contests and comparison with locals using competitive antennas
seem to give it edge over calculations. I had rhombic once also and
experienced exceptional reports. I know it is anecdotal "evidence" but those
who used it, know the difference. Professional installations used them and I
have not seen them replacing it with the "same gain" Yagis.

> It seems that rhombics perform better than calculated
>> gain/capture area figures.
>
> So do EH, CFA, Isotron, Rai-beam, and more other antennas that I can
> count. That's because modeling programs just don't account for the magical
> effects.
>

I would not put rhombics in the same category, that is a stretch.
We saw the "infallability" of modeling programs using lumped inductors as
loading elements.

>> We will have opportunity to do some tests of rhombics farm vs. some
>> classics soon. It will be interesting to see the results.
>
> Maybe. Even fairly simple RF measurements are very difficult to make with
> even modest accuracy. Antenna measurements are more difficult yet.
>
> Roy Lewallen, W7EL

Very simple RF measurement is when comparing two antennas, one hearing the
signals, while another one is not.
One example at VE1ZZ: he has few beverages for Eu. Regular one, phased pair,
staggered pair and the "weird" one terminated on a stainless steel hubcap in
the salt water, very similar to the Regular one. The SS beats all the others
most of the time. They are about the same length ~870 ft, can the modeling

figure out wasaaap?

I am just trying to find excuse for seemingly superb performance of rhombics, attributing it perhaps to diversity effect by being stretched over large area. I am not selling any, but have access to about 30 of them over salt water marsh and will play with them.

73 Yuri, K3BU

161. Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 14:34:04 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <wr9Ug.7701$GR.4420@newssvr29.news.prodigy.net>
Source record: 51735

I've been told that this discussion continues in Letters
to the Editor in QEX magazine, to which I don't subscribe
any more. Without knowing the context of those present
discussions, I composed a letter to the QEX editors.
Here it is:

ï¿½Where Does the Power Go?ï¿½ was answered in my magazine article,
ï¿½An Energy Analysis at an Impedance Discontinuity in a Transmission
Lineï¿½, published by Worldradio magazine and available on my web
page at:

http://www.w5dxp.com/energy.htm

Here is a thought experiment that should lay the subject to rest.
Assume a one-second long lossless 50 ohm open-circuit transmission
line being driven by a 141.4 volt, 50 ohm Thevenin source. At time,
t = 0, source power is supplied to the transmission line. After one
second, 100 joules will have been delivered to the lineï¿½s forward
wave and the forward wave will have just reached the open-circuit at
the other end of the transmission line. What happens next simply
follows the laws of physics.

The conservation of energy principle tells us that the 100 joules
in the forward wave must be conserved. The conservation of momentum
principle tells us that the momentum in the forward wave must be
conserved. The open-circuit prohibits the forward wave from continuing
in the forward direction and the forward wave ceases to exist beyond
the open-circuit point. The forward wave ceases to exist so what
happens to the energy and momentum in the forward wave? Physically,
there is only one possibility.

The energy and momentum in the forward electromagnetic wave is moving
at the speed of light and is indeed conserved by transferring its
energy and momentum to the reflected wave at the open-circuit point
in accordance with the rules of the distributed-network/wave-reflection
model. This starts to happen at t = 1 second at which time 100 joules
of electromagnetic energy exists in the forward wave in the transmission
line. (One can actually calculate the force being exerted on the open-
circuit by the forward wave. It is akin to the pressure of sunlight.)

The transfer of energy and momentum from the forward wave to the
reflected wave continues throughout the t =1 to t = 2 second time
frame. At the end of two seconds, the forward wave contains 100
joules and the reflected wave contains 100 joules. Thus 200 joules
are "stored" in the transmission line during the first two seconds.
After two seconds, steady-state has been reached and the Thevenin

source ceases to supply any energy. No additional energy is needed since the system is lossless. But please note that 200 joules exist in the transmission line all during steady-state, exactly enough energy to support the 100 joules/second forward watts and the 100 joules/second reflected watts.

Any theory of where the energy goes must account for the 200 joules of energy in the transmission line. Those 200 joules cannot be destroyed by sweeping them under the steady-state rug. An ideal (lossless) directional wattmeter will tell us that forward watts = 100 watts and that reflected watts = 100 watts. 200 joules is required to support that number of forward and reflected watts. Is it just a coincidence that the 200 joules existing in the transmission line during steady-state is *exactly* the magnitude of energy required to support 100 watts forward and 100 watts reflected?

The number of joules in a transmission line is *always* exactly the number required to support the forward watts and reflected watts. Since EM waves cannot stand still, it seems logical to leave the energy right where it is at the beginning of steady-state - 200 joules per second being exchanged between the forward wave and the reflected wave. The energy exchanges at the two ends of the transmission line are balanced and equal so one might argue that there is no net energy exchange between the forward and reflected waves during steady-state. But since the two energy transfers are occurring thousands of miles apart, that would seem to be a moot point.

The transmission line is charged with this energy during the power on transient phase before steady-state is reached. The transmission line is discharged (energy dissipated) during the power down transient phase after steady-state. It is simply conservation of energy at work. It is interesting to note that if the transmission is discharged through a 50 ohm resistor at the far open-end, it will be discharged at a rate of 100 watts for two seconds.
--
73, Cecil http://www.w5dxp.com

162. Re: MoonRaker EVX5000

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 14:43:56 UTC
From: "g. beat"
Message-ID: <yfednV9HKb0zuLzYnZ2dnUVZ_umdnZ2d@comcast.com>
Source record: 51736

"GW4DVB" <hrd@g4dvb.co.uk> wrote in message
news:1159793792.902862.131770@c28g2000cwb.googlegroups.com...
> Has anybody got any experience of working with the Moonraker EVX5000
>
> Thanks
>

Do not see as many of these HF vertical antennas (5-band) is USA
http://moonrakerukltd.com/viewbasket.php?cat_select=12&id=58&price=169.95&info=A11-258&do_basket=add_item

163. Re: Optimising a G5RV

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 15:43:25 UTC
From: Walter Maxwell <walt@w2du.com>
Message-ID: <e7c2i2543td0s83q6c8s02lqbjvdhbsr7e@4ax.com>
Source record: 51737

On Mon, 02 Oct 2006 13:20:38 GMT, Cecil Moore <mycall@hotmail.com> wrote:

>Denny wrote:
>> Simple, it works because it is unbalanced - and both the unbalanced top
>> hat and the OCF feed line radiate...
>
>Someone will repeat this and a new myth will be born. :-)

With all due respect, Denny, where did you get your description of the G5RV--in Mad Magazine? Pardon me if I squash the new myth you just propagated.

The G5RV that I know of is not unbalanced, it has no top hat, it has no OCF feed line, and if there is a balun between the open-wire and the coax the feed line will not radiate. Seems like you've confused the G5RV with the psuedo-Windom, eh?

Walt, W2DU

164. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 16:13:02 UTC
From: Brian Hill <good@it.net>
Message-ID: <iUaUg.26$ox4.19@newsfe03.lga>
Source record: 51738
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Opus-" <jbuchy@shaw.ca> wrote in message

> CB is dead, quit using the term "CB" like an insult. It is short range
> and therefore not a comparison.

Not if you use a big linear amplifier and that's a BIG 10-4

BH

165. Re: Optimising a G5RV

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 17:07:04 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <YGbUg.6779$TV3.2149@newssvr21.news.prodigy.com>
Source record: 51739

Walter Maxwell wrote:
> With all due respect, Denny, where did you get your description of the G5RV--in
> Mad Magazine? Pardon me if I squash the new myth you just propagated.

Walt, did you happen to miss Denny's signature line?

>> denny / k8do (busily trying to extract tongue from cheek)
--
73, Cecil http://www.w5dxp.com

166. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 17:18:09 UTC
From: "LenAnderson@ieee.org" <LenAnderson@ieee.org>
Message-ID: <1159809489.133036.157070@b28g2000cwb.googlegroups.com>
Source record: 51740
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Barry OGrady wrote:
> On Thu, 28 Sep 2006 22:54:46 -0500, Nada Tapu <user@host.domain> wrote:
>
> >On Sun, 10 Sep 2006 23:23:03 GMT, Slow Code <my.mail@no.spam> wrote:
> >
> >>
> >> >>Or just lazy people out?
> >> >>
> >> >>Sc
> >
> >It certainly didn't keep me out, and I wasn't all that crazy about
> >learning it, either.
>
> More to the point, are there more licensed amateurs since the code requirement
> was removed years ago?

Yes. In the USA at least.

Since the inception of the no-code Technician class here in 1991,
the growth of the Technician class license numbers in the USA
has been continuous. Those now comprise about 49 % of ALL
licensees. The Technician class license numbers are twice that
of General class, the next-largest license class.

Since the "reconstruction" in FCC amateur radio regulations of
2001, the number of licensees grew to peak in July, 2003. At
that time the maximum code test rate was fixed at 5 WPM, all
classes.

A problem now is the attrition of the older licensees. More old-
timers are leaving/expiring (their licenses) than are being
replaced by new (never before licensed in amateur radio)
licensees. Source: www.hamdata.com. That trend has
persisted for three years.

The code test is not THE factor causing it, just one of the
major factors in slowing the increase of new licensees.
Coupled with the stubborn resistance to change of ANY
regulations by olde-tymers, there is little incentive to enter
olde-tyme amateur radio. Ally that with the huge growth of
the Internet in the 15 years it has been public - an Internet
that has spread worldwide with near-instant communications
over that world - and the traditional standards and practices
of olde-tyme ham radio just don't have the appeal to
newcomers they once had.

Elimination of the code test for any license will cause a spurt in new licensees. While such elimination is not a guarantee to far-future growth, it will be the significant act to being CHANGING regulations to better fit the modern times. Keeping up with changing times is a NECESSITY in regulations, regardless of the personal desires of the minority of amateurs making up the olde-tyme group.

LenAnderson@ieee.org

167. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 17:30:43 UTC
From: Opus- <jbuchy@shaw.ca>
Message-ID: <95j2i2t603dga3prd2npbmf58i5g5k4u75@4ax.com>
Source record: 51741
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Mon, 02 Oct 2006 11:37:56 GMT, Cecil Moore <mycall@hotmail.com>
spake thusly:

>Opus- wrote:
>> Vocal communication is never just a conveyance of information but you
>> insist that's all that ham radio is.
>
>I haven't heard any information being conveyed on 75m
>phone in years. :-)

I could say that about a few people I have spoken to in person ;-)
--
Opus62@gmail.com
(Jim, single dad to Lesleigh [Autistic] 04/20/94)

"What, Me Worry?" A. E. Newman

Please note: All unsolicited e-mail sent to me may, at
my discretion, be posted in this newsgroup verbatim.

168. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 17:32:21 UTC
From: Opus- <jbuchy@shaw.ca>
Message-ID: <38j2i29jj6b8p7jdl208n45ns3jinjj7f4@4ax.com>
Source record: 51742
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Mon, 2 Oct 2006 11:13:02 -0500, "Brian Hill" <good@it.net> spake
thusly:

>
>"Opus-" <jbuchy@shaw.ca> wrote in message
>
>> CB is dead, quit using the term "CB" like an insult. It is short range
>> and therefore not a comparison.
>
>
>Not if you use a big linear amplifier and that's a BIG 10-4

Hehehehehe....and a surprising number of people do just that.
--
Opus62@gmail.com
(Jim, single dad to Lesleigh [Autistic] 04/20/94)

"What, Me Worry?" A. E. Newman

Please note: All unsolicited e-mail sent to me may, at
my discretion, be posted in this newsgroup verbatim.

169. Re: So, Which reader has actually saved a life or lives using "CW" on Ham Bands?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 18:00:40 UTC
From: Dave Oldridge <doldridg@leavethisoutshaw.ca>
Message-ID: <Xns98507001EFD2Bdoldridgsprintca@64.59.135.159>
Source record: 51743
Cross-posted to: rec.radio.swap,rec.radio.amateur.policy,rec.radio.amateur.antenna

```
hot-ham-and-cheese@hotmail.com wrote in news:1159749149.386279.201030
@m73g2000cwd.googlegroups.com:

>
> Dave Oldridge wrote:
>> Mark@kb9rqz.net wrote in
>> news:oqvoh25vp31mt3ce6cshbhfsq04bq7nlvl@4ax.com:
>>
>> > On Fri, 29 Sep 2006 01:46:41 GMT, Dave Oldridge
>> > <doldridg@leavethisoutshaw.ca> wrote:
>> >
>> >>Slow Code <my.mail@no.spam> wrote in news:SPYSg.4010$o71.3724
>> >>@newsread3.news.pas.earthlink.net:
>> >>
>> >>> "LenAnderson@ieee.org" <LenAnderson@ieee.org> wrote in
>> >>> news:1159466819.636954.270450@k70g2000cwa.googlegroups.com:
>> >>>
>> >>> Please, don't all jump in at once with all the unproven
>> >>> bragging and dozens of local weekly newspaper clippings.
>> >>>
>> >>> Let's hear it for the mode that saved the Titanic survivors
>> >>> in 1912...
>> >>
>> >>Don't know about whether it saved any lives or not, but I once took
a
>> >>very important NOTAM (Notice to Airman) on CW from a guy in the
>> >>Aleutians in the days following the 1964 quake and put it on the
>> >>proper teletype circuits for him.
>> >>
>> >>His airport's altitude was changing so that charts and other info
were
>> >>inaccurate.
>> > on Hand bam?
>> > http://kb9rqz.blogspot.com/
>>
>> Yep...on 80m. It was the only communications he had at the time.
>>
>>
>> --
>> Dave Oldridge+
>> ICQ 1800667
>
```

> I've been thinking about this. I've taken classes in land surveying
> and used to shoot levels at the COE. Other than the earth shaking, how
> did he determine what the correct elevation was?

He didn't say....but at three feet per hour with the ocean nearby it
wouldn't be that hard to tell. And that was the point of his notice. He
COULDN'T determine it. But he knew the published value was wrong, which
also meant that all he could give arriving aircraft was a guess.

--
Dave Oldridge+
ICQ 1800667

170. Re: So, Which reader has actually saved a life or lives using "CW" on Ham Bands?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 18:02:31 UTC
From: Dave Oldridge <doldridg@leavethisoutshaw.ca>
Message-ID: <Xns985070526A2E5doldridgsprintca@64.59.135.159>
Source record: 51744
Cross-posted to: rec.radio.swap,rec.radio.amateur.policy,rec.radio.amateur.antenna

```
hot-ham-and-cheese@hotmail.com wrote in
news:1159750072.865746.265030@e3g2000cwe.googlegroups.com:

>
> Dave Oldridge wrote:
>> "LenAnderson@ieee.org" <LenAnderson@ieee.org> wrote in
>> news:1159548473.298539.188490@e3g2000cwe.googlegroups.com:
>>
>> > Dave Oldridge wrote:
>> >> Slow Code <my.mail@no.spam> wrote in news:SPYSg.4010$o71.3724
>> >> @newsread3.news.pas.earthlink.net:
>> >>
>> >> > "LenAnderson@ieee.org" <LenAnderson@ieee.org> wrote in
>> >> > news:1159466819.636954.270450@k70g2000cwa.googlegroups.com:
>> >> >
>> >> >> Please, don't all jump in at once with all the unproven
>> >> >> bragging and dozens of local weekly newspaper clippings.
>> >> >>
>> >> >> Let's hear it for the mode that saved the Titanic survivors
>> >> >> in 1912...
>> >>
>> >> Don't know about whether it saved any lives or not, but I once
>> >> took a very important NOTAM (Notice to Airman) on CW from a guy in
>> >> the Aleutians in the days following the 1964 quake and put it on
>> >> the proper teletype circuits for him.
>> >>
>> >> His airport's altitude was changing so that charts and other info
>> >> were inaccurate.
>> >
>> > Dave, that sounds very suspicious considering my ground school
>> > instructor's 1962 display of a then-old Santa Barbara, CA,
>> > half-hour TTY Wx report (then required by Commerce Dept.).
>> > SBA (ID of Santa Barbara), like all other weather stations at
>> > airports, were required to post their local Wx and airport
>> > conditions every half hour. SBA is on the Pacific coast and
>> > subject to rapid variations of weather. If weather changes more
>> > rapidly than that, weather stations were required to post extra
>> > in-between-scheduled-times reports.
>> >
>> > One day, after having fog entering and leaving SBA often, the
>> > operator of the TTY sent: "THE FOG SHE COMES IN THE FOG
>> > SHE GOES OUT." :-)
```

>> >
>> > The ground school class at VNY was presented with a
>> > glassine-protected TTY copy of the Wx message that must
>> > have been old at that time (the cheap TTY paper was
>> > already turning yellow). Got a good laugh from the class.
>>
>> This was NOT weather. This was seismic.
>
> Other geologic events are passed via WX circuits besides earthquakes.
> For example, ash plumes as detected by wx satellie observations.
> NOTAMS are in the WX circuits.

True, although I did not put this on a weather circuit, but on the air
traffic control teletype network. We had both, actually.

--
Dave Oldridge+
ICQ 1800667

171. Re: MoonRaker EVX5000

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 18:03:56 UTC
From: GW4DVB <hrd@g4dvb.co.uk>
Message-ID: <1159812236.558890.53570@c28g2000cwb.googlegroups.com>
Source record: 51745

A nice helpful reply....has anyone got anything useful to say :)

172. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 18:11:40 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1159812700.778404.109220@k70g2000cwa.googlegroups.com>
Source record: 51746

Gosh Cecil... In a lossless line if you put in 100 joules, at the rate of 100 joules per second, and get 200 joules back, I predict that in less than 30 seconds (30 doublings) there will be a titanic explosion exceeding all the Hydrogen bombs on the planet... Do the math!

OK, tongue out of cheek...
Assume that we put a 1 second squirt at the rate of 100 Joules per second, into the input end of the line, it is an open line at the far end, and yank the input end of the line out of the transmitter at exactly 1 second... Now we have a lossless line with a wave going forward and a reflected wave coming back... Do you still claim 200 joules?

We are going to do this in quarters (25% of time, 25% of 100 joules and 25% of line length)
Start pushing energy into the line at T=0 and jump ahead to T = .25 second... The is 25 joules total in the .00 to .25 line section and 0 joules in the other 3 sections... At T=.50 there are 25 joules in each of the first two .25 sections and nothing in the last two .25 sections... Total 50 joules... The next two time periods is more of the same so let's jump to T=1.00
The line is now just 'full', with 4 'quarters' of energy having been inserted into the line, at that instant the leading edge of the wave reaches 1.00 of line (.25 x 4) and reflects off the open terminal, folding back and going towards the input... The total power in the line is 100 joules at T= 1.00.... No surprise there...
At 1.25 seconds we have a quarter of the wave reflected back and re-reaching the .75 line point (25 joules in that quarter) laid over top of the quarter of the wave front still going outwards in the .75 to 1.00 section (25 joules in that quarter).
So at T = 1.25 in that 0.75 to 1.00 portion of line we have 50 joules of energy (first quarter coming back plus second quarter still going out, passing each other...)
In the .50 to .75 line we have 25 joules of energy...
In the .25 to .50 line we have 25 joules of energy...
In the .00 to .25 line we have 0 joules of energy...

At T = 1.50 we have a wave going out in the .50 to .75 section and also in the .75 to 1.00 section... And reflected wave coming back in both those sections for 50 watts in each quarter section... The .00 to .25, and .25 to .50 sections are empty... For a total of 100 joules...

T=1.75 and 2.00 is just more of the same... 4 quarters of 25 joules each lined up a row with 4 quarters of 0 joules each... Chasing each other up and down the line, folding back and passing each other at each

.25 time period... A given quarter line section can have 0 joules, 25 joules or 50 joules, present at the instantaneous T of any given time block..

In a lossless line this power will slosh back and forth forever... Never having more than 50 joules in any quarter section of line and certainly not doubling to 200 joules... If you have ever held a slinky toy between your hands and watched the wave bouncing from hand to hand, you have seen what happens in the 1 second of line section...

BTW, this can be visualized by cutting 4 paper strips 3" long and marking them as 25 joules each and pushing them onto your 1 foot ruler (or ugly 250 mm stick) one at a time and just like box cars on a train see what they do...

Awww righty, now lets leave the transmitter on the line instead of yanking it... Sort of like non coitus interruptus...
At T=1.00 nothing is happening as far as the transmitter knows... The line is still taking power like a hungry calf taking milk from a cow...

At T = 1.25 we have put 125 joules into the line... The line section .75 to 1.00 is doubled up with 25 joules going and 25 joules coming...
At T = 1.50 we have put in 150 joules... Line sections 3 and 4 are doubled up to 50 joules each and line sections 1 and 2 have 25 joules each on board...
At t = 1.75 sections 2,3,4 are doubled up and only section one has 25 joules currently on board...
At T = 2.00 we have 50 joules in each quarter section of line for a total of 200 joules, and Cecil is fat and happy... Thinks he has been vindicated...

But wait! There's more... These Ginsu knifes will slice and dice and uuunhhh, - oops, wrong topic...
Well, as a thought experiment there is nothing to inhibit me from pumping another 100 joules into the line in the T = 2.00 to 3.00 time block, and again in the 3.00 to 4.00 time block, ad infinitum until we come to the Big Bang... So Cecil, why doesn't this happen? You can't have it both ways, a theoretical thought experiment of putting energy into a lossless line and at T = 2.00 suddenly revert to some mumble jumbo about the energy going away at the same rate it is entering, or the transmitter absorbing the reflected wave (those bottles gonna vaporize on the first long dah)... There is nothing in our theoretical world to differentiate T = 2 from any T = n + 1... Inquiring minds, and all that...

But let me suddenly play spoiler here... After 2 seconds, the reflected returning slug of energy present in each quarter line section is 180 degrees out of phase with the out going energy slug in each respective section... The two slugs vectorally neutralize each other... No energy present in that quarter section at any given T... So for each .25 T after T = 2.00 you are merely replacing the energy that has been neutralized by the returning wave.... Remember, energy can neither be

created nor destroyed... So, where did the energy go?

denny / k8do

173. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 18:15:42 UTC
From: Al Klein <rukbat@pern.invalid>
Message-ID: <gfl2i2prddhpc80ptl0nukemn6i4ger18k@4ax.com>
Source record: 51747
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Mon, 02 Oct 2006 01:17:43 GMT, Opus- <jbuchy@shaw.ca> wrote:

>Try to keep up.

That's actually good - if you can't defend, attack. Even if your
attack is nonsense.

> I have been quite consistent. You have not being
>paying attention. I made no argument against voice at all. I made the
>argument that a live voice conveys more than just words.

You claimed that we humans communicate visually more than by words.
You're contradicting yourself here.

When you blather on about something you know nothing about you lose
track of what you said a few days ago.

>>Deaf-blind dogs and cats don't normally walk around the streets
>>without aid. (Domesticated cats, btw, aren't scent-oriented, they're
>>vision-oriented.)

>Never had a cat, did you?

She's 7 years old now, and sleeping on my bed. Got her when her
mother died - she was still nursing - so, yes, I currently have a cat.
Have had some canine or feline pet since before I can remember -
usually more than 1.

> I grew up with them. They don't depend on
>smell near as much as dogs but they depend on it just the same.

They use it - about as much as we do - they don't depend on it.

>Are we on the radio right now? Your apples and oranges arguments are
>getting tiresome. Here in Usenet, the text is preserved. CW is not.

You're arguing for the visual now? Voice conveys more than CW, which
is your argument against CW. Voice conveys more than Usenet, which
ISN'T an argument against Usenet.

So which is it? Is the fact that voice conveys more than X an
argument against X or not?

I'm getting tired of your "I have to argue just so that I can win"
stance, so figure out how to get back to me when you grow up.

<plonk>

174. Re: Do you think discussions on repeaters are as technical today as they were 25 Years ago?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 18:33:03 UTC
From: kb9rqz69@hotmail.com
Message-ID: <1159813982.995457.306520@m73g2000cwd.googlegroups.com>
Source record: 51748
Cross-posted to: alt.usenet.kooks,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.sex.dogs,rec.radio.cb

Slow Code wrote:
> Think Back, Are todays conversations on 2 meters as technical as they
> were 25 years ago, or today might you hear things like:
>
> "I woke up this morning with a pimple on my butt" or
>
> "The dog crapped on the living room carpet again."
>
>
> Allowing no-codes on VHF & UHF has made discussions less technical and
> more like CB. Don't let your hatred of CW destroy our HF bands too.
>
> Amateur Radio, a National resource.
>
> 73
>
> SC

SC......Lets jack together on ATV.

175. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 19:09:56 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <8udUg.10623$6S3.7276@newssvr25.news.prodigy.net>
Source record: 51749

Denny wrote:
> Assume that we put a 1 second squirt at the rate of 100 Joules per
> second, into the input end of the line, it is an open line at the far
> end, and yank the input end of the line out of the transmitter at
> exactly 1 second... Now we have a lossless line with a wave going
> forward and a reflected wave coming back... Do you still claim 200
> joules?

No, 100 joules/second * one second would be 100 joules in your
above example. In my previous example the 100 joule/sec "squirt"
was two seconds long. Thus, in my example, 200 joules made it
into the one-second long line.

> Never having more than 50 joules in any quarter section of line and
> certainly not doubling to 200 joules... If you have ever held a slinky
> toy between your hands and watched the wave bouncing from hand to hand,
> you have seen what happens in the 1 second of line section...

True for your example, but not true for my example. In my example
the 100 watt source was delivering 100 watts for two seconds. Last
time I checked 100 joules/sec * 2 seconds = 200 joules.

> At T = 2.00 we have 50 joules in each quarter section of line for a
> total of 200 joules, and Cecil is fat and happy... Thinks he has been
> vindicated...
>
> But wait! There's more... These Ginsu knifes will slice and dice and
> uuunhhh, - oops, wrong topic...
> Well, as a thought experiment there is nothing to inhibit me from
> pumping another 100 joules into the line in the T = 2.00 to 3.00 time
> block, ...

On the contrary - if the frequency is an integer number of
cycles and the feedline is exactly one second long, the source
will see an infinite impedance after two seconds and further
sourcing of energy will be impossible. So I am ignoring the
rest of your posting until you understand that fact. Under
the stated the boundary conditions, it is impossible to shove
any more than 200 joules into the line.

At the end of two seconds, the forward current and the newly
arrived reflected current are 180 degrees out of phase and
cancel each other, i.e. after 2 seconds, Ifor + Iref = ZERO
The reflected voltage arrives back in phase with the forward
voltage and so the voltage at that point equals the voltage
in the 141.4 volt source and zero current flows between those

two equal potentials. There is 200 joules in the transmission line with no possibility of adding any more. The boundary conditions limit the energy content of the transmission line to 200 joules, exactly the number of joules needed to support the steady-state 100 watts forward and 100 watts reflected. The laws of physics strike again.

Please rethink your position.
--
73, Cecil http://www.w5dxp.com

176. Re: Do you think discussions on repeaters are as technical today as they were 25 Years ago?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 19:27:46 UTC
From: LIlloyd DaViEs <LARDASS@yahoo.com>
Message-ID: <efrp7nnki1@emma.aioe.org>
Source record: 51750
Cross-posted to: alt.usenet.kooks,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.sex.dogs,rec.radio.cb

<kb9rqz69@hotmail.com> wrote in message
news:1159813982.995457.306520@m73g2000cwd.googlegroups.com...
>
> Slow Code wrote:
>> Think Back, Are todays conversations on 2 meters as technical as they
>> were 25 years ago, or today might you hear things like:
>>
>> "I woke up this morning with a pimple on my butt" or
>>
>> "The dog crapped on the living room carpet again."
>>
>>
>> Allowing no-codes on VHF & UHF has made discussions less technical and
>> more like CB. Don't let your hatred of CW destroy our HF bands too.
>>
>> Amateur Radio, a National resource.
>>
>> 73
>>
>> SC
>
> SC......Lets jack together on ATV.
>
I LOVE TO SUCK BIG FAT BLACK NIGGER COCK!

177. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 19:36:15 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <qgq2i2hnjet5gj0kqu839jepic98rjrrhh@4ax.com>
Source record: 51751

On Mon, 02 Oct 2006 19:09:56 GMT, Cecil Moore <mycall@hotmail.com>
wrote:
>So I am ignoring
:-)

178. Re: Optimising a G5RV

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 19:43:18 UTC
From: Walter Maxwell <walt@w2du.com>
Message-ID: <dpq2i29rm2oo76f6l1ep2s3bsc4m82h441@4ax.com>
Source record: 51752

On Mon, 02 Oct 2006 17:07:04 GMT, Cecil Moore <mycall@hotmail.com> wrote:

>Walter Maxwell wrote:
>> With all due respect, Denny, where did you get your description of the G5RV--in
>> Mad Magazine? Pardon me if I squash the new myth you just propagated.
>
>Walt, did you happen to miss Denny's signature line?
>
> >> denny / k8do (busily trying to extract tongue from cheek)

Yes, Cecil, I saw Denny's signature line, but I wasn't sure just how far his tongue protracted his cheek. Sometimes tongues get stuck that way, just like kids who get cross-eyed while misbehaving.

Walt

179. Re: Optimising a G5RV

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 19:57:10 UTC
From: Walter Maxwell <walt@w2du.com>
Message-ID: <r7r2i210j0e4491f1rrbq95jtrr0m9n7pp@4ax.com>
Source record: 51753

On Mon, 02 Oct 2006 15:43:18 -0400, Walter Maxwell <walt@w2du.com> wrote:

>On Mon, 02 Oct 2006 17:07:04 GMT, Cecil Moore <mycall@hotmail.com> wrote:
>
>>Walter Maxwell wrote:
>>> With all due respect, Denny, where did you get your description of the G5RV--in
>>> Mad Magazine? Pardon me if I squash the new myth you just propagated.
>>
>>Walt, did you happen to miss Denny's signature line?
>>
>> >> denny / k8do (busily trying to extract tongue from cheek)
>
>Yes, Cecil, I saw Denny's signature line, but I wasn't sure just how far his
>tongue protracted his cheek. Sometimes tongues get stuck that way, just like
>kids who get cross-eyed while misbehaving.
>
>Walt

Denny, as I just now looked SSE from my southern window I discovered a
near-field radiation from a OCF dipole, IDing with K8DO call sign. On looking up
that call I learned why that signal is in the near-fleld zone--it's only 26
miles away in the direction of light travel from my window. If K8DO was using a
balanced G5RV the signal would have evaporated before reaching Mt. Pleasant.
Ever hear of that town? Open yer NW window and yell, I'll hear 'ya.

Walt, W2DU

180. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 19:58:45 UTC
From: Don Bowey <dbowey@comcast.net>
Message-ID: <C146BD85.455A7%dbowey@comcast.net>
Source record: 51754
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On 9/29/06 6:07 PM, in article
_qjTg.11650$7I1.1022@newssvr27.news.prodigy.net, "Cecil Moore"
<mycall@hotmail.com> wrote:

> Dave wrote:
>> NO! I can't have a QSO with a no-code ham.
>> They can't copy CW!!! So, No QSO!
>
> So you wouldn't respond to a Mayday and save a life?
> Nice guy.

Clever of you to define a special case after the fact, to show what an ass
you are.

Don

181. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 20:00:35 UTC
From: Don Bowey <dbowey@comcast.net>
Message-ID: <C146BDF3.455A8%dbowey@comcast.net>
Source record: 51755
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

```
On 9/29/06 6:09 PM, in article
1159578572.919684.114020@i3g2000cwc.googlegroups.com, "an old freind"
<kb9rqz@hotmail.com> wrote:

>
> Cecil Moore wrote:
>> Dave wrote:
>>> NO! I can't have a QSO with a no-code ham.
>>> They can't copy CW!!! So, No QSO!
>>
>> So you wouldn't respond to a Mayday and save a life?
>> Nice guy.
>> --
>> 73, Cecil http://www.w5dxp.com
> the procoders are more interested in their idleogy than lives always
> have been it seems
>

Ditto for you clever fellow too.
```

182. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 20:18:57 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <RueUg.8353$vJ2.1672@newssvr12.news.prodigy.com>
Source record: 51756

Richard Clark wrote:
> Cecil Moore <mycall@hotmail.com> wrote:
>> So I am ignoring

> :-)

Yep, when someone begins their argument with:

Assume 1 = 2, I am inclined to ignore it.
--
73, Cecil http://www.w5dxp.com

183. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 20:22:55 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <zyeUg.8354$vJ2.2962@newssvr12.news.prodigy.com>
Source record: 51760
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Don Bowey wrote:

> "Cecil Moore" <mycall@hotmail.com> wrote:
>
>> Dave wrote:
>>> NO! I can't have a QSO with a no-code ham.
>>> They can't copy CW!!! So, No QSO!

>> So you wouldn't respond to a Mayday and save a life?
>> Nice guy.
>
> Clever of you to define a special case after the fact, ...

Refusing to QSO with anyone on SSB doesn't sound like
a special case - sounds like SOP to me.
--
73, Cecil http://www.w5dxp.com

184. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 21:07:58 UTC
From: Bill <baycock@hughes.net>
Message-ID: <1159823278.386174.95580@k70g2000cwa.googlegroups.com>
Source record: 51757

Cecil Moore wrote:
> Bill wrote:
> > I have not seen a well described antenna that
> > could not be evaluated honestly by a person aware of antenna theory and
> > the modelling programs.
>
> The Lentine (sp?) antenna, consisting of different lengths
> of radiating transmission stubs proved impossible for me
> to model with EZNEC.
> --
> 73, Cecil http://www.w5dxp.com

Cecil- Obviously, you fit the qualifications I mentioned, and- just as
obviously, I did not know of that example. I need to do some homework.
Thanks-Bill

185. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 21:11:37 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <efrvfl$444$1@news.service.uci.edu>
Source record: 51758

Cecil Moore wrote:
> I've been told that this discussion continues in Letters
> to the Editor in QEX magazine, to which I don't subscribe
> any more. Without knowing the context of those present
> discussions, I composed a letter to the QEX editors.
> Here it is:
>
> ï¿½Where Does the Power Go?ï¿½ was answered in my magazine article,
> ï¿½An Energy Analysis at an Impedance Discontinuity in a Transmission
> Lineï¿½, published by Worldradio magazine and available on my web
> page at:
>
> http://www.w5dxp.com/energy.htm

The problem with your paper, Cecil, is the part where you try to
invent the "4th Mechanism of Reflection".

73, Jim, AC6XG

186. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 21:36:41 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <ri13i2l8tl2iju374kg3npbf5820rfvjdf@4ax.com>
Source record: 51759

On Mon, 02 Oct 2006 20:18:57 GMT, Cecil Moore <mycall@hotmail.com>
wrote:
>Assume 1 = 2
:-)

187. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 22:27:15 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12i34i7h7rgom49@corp.supernews.com>
Source record: 51761

EZNEC can model radiating transmission line stubs made from either parallel wires or coax. To do it, parallel wire lines have to be modeled as wires, not with the non-radiating transmission line model. Radiating coax is modeled with a combination of a non-radiating transmission line model for the inside, and a wire to represent the radiating outside of the coax. This technique is described in the EZNEC manual and illustrated with the DipTL.EZ example file included with EZNEC.

There are some types of antennas which aren't possible to model with NEC-based programs. An example is a patch antenna on a dielectric substrate -- NEC and EZNEC have no way to model the dielectric. Likewise, a "loopstick" antenna -- a solenoid wound on a ferrite rod -- isn't possible because of the ferrite and possibly because of the exceptionally small dimensions (for one used at AM broadcast frequencies).

But most often when you see an antenna inventor or seller claim that his antenna "can't be modeled" by NEC, EZNEC, or other programs, it just means that modeling fails to show the extraordinary performance he claims for it. That's simply a failure of the program to include the effects of magical properties and wishful thinking in its calculations. I've come to regard such claims as a red flag indicating a probable exaggeration of antenna performance.

Roy Lewallen, W7EL

Bill wrote:
> Cecil Moore wrote:
>> Bill wrote:
>>> I have not seen a well described antenna that
>>> could not be evaluated honestly by a person aware of antenna theory and
>>> the modelling programs.
>> The Lentine (sp?) antenna, consisting of different lengths
>> of radiating transmission stubs proved impossible for me
>> to model with EZNEC.
>> --
>> 73, Cecil http://www.w5dxp.com
>
> Cecil- Obviously, you fit the qualifications I mentioned, and- just as
> obviously, I did not know of that example. I need to do some homework.
> Thanks-Bill
>

188. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 22:34:27 UTC
From: Dave <noone@nowhere.com>
Message-ID: <NcOdnYoyCKJlDrzYnZ2dnUVZ_sednZ2d@crocker.com>
Source record: 51762

the big confusion factor is using power and energy at all. they are both derived from the much simpler to handle and understand voltage or current waves. the biggest problem is that once you change from voltage or current to power you lose the information necessary to calculate superposition because you no longer have the phase information from the basic wave components. this is partly a result of the common use of the swr meter that measures forward and reflected 'power', everyone thinks they understand how it works, but very few really do.

"Jim Kelley" <jwkelley@uci.edu> wrote in message
news:efrvfl$444$1@news.service.uci.edu...
> Cecil Moore wrote:
>> I've been told that this discussion continues in Letters
>> to the Editor in QEX magazine, to which I don't subscribe
>> any more. Without knowing the context of those present
>> discussions, I composed a letter to the QEX editors.
>> Here it is:
>>
>> "Where Does the Power Go?" was answered in my magazine article,
>> "An Energy Analysis at an Impedance Discontinuity in a Transmission
>> Line", published by Worldradio magazine and available on my web
>> page at:
>>
>> http://www.w5dxp.com/energy.htm
>
> The problem with your paper, Cecil, is the part where you try to invent
> the "4th Mechanism of Reflection".
>
> 73, Jim, AC6XG
>

189. Re: Solder to Aluminum?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 23:03:33 UTC
From: Lawrence Earl <n7jvf@earthlink.net>
Message-ID: <9VgUg.2367$Lv3.1482@newsread1.news.pas.earthlink.net>
Source record: 51763

The problem with soldering to aluminum is that the aluminum oxidixes before it gets hot enough for the solder to stick. The trick is to puddle the solder on the aluminum, them using a stanless brush or something the solder won't stick to, brush the aluminum under the hot solder. That way the air can't get ot it to oxidize it. The solder will tin it and stick fine. I have been doing this since 1948.

190. See, I told you RRAP is peaceful when KB9RQZ is away.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 23:26:36 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <MehUg.4313$Y24.4147@newsread4.news.pas.earthlink.net>
Source record: 51764
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

Now if we can just get rid of the Beer Enema brigade, Woger, Stevie, Lloydie, Billy Smith, and Toad, these groups can get back to being radio groups again and we can talk about how to employ CW to save ham radio, because I know we all agree CW is what will save it.

Catch you on the bands unless you're a No-code ham, then I won't because I don't do CB.

Tnx, 73
de Slow Code

191. Re: Attic Antennas and Foil Backed Barriers

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 23:40:03 UTC
From: Irv Finkleman <finkirv@shaw.ca>
Message-ID: <4521A359.2E8E9FBC@shaw.ca>
Source record: 51765

You won't know until you try. A 20m dipole should be easy enough to get into any attic, and give it a shot. You might be pleasantly surprised, and that odds that you'll be terribly disappointed are pretty small.

Irv VE6BP

--

Visit my HomePage at http://members.shaw.ca/finkirv/index.html
Visit my Baby Sofia website at http://members.shaw.ca/finkirv4/index.htm
Visit my OLDTIMERS website at http://members.shaw.ca/finkirv5/index.htm
---
Irv Finkleman,
Grampa/Ex-Navy/Old Fart/Ham Radio VE6BP
Calgary, Alberta, Canada

192. Re: See, I told you RRAP is peaceful when KB9RQZ is away.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-02 23:46:41 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <BxhUg.1487$5o5.517@tornado.texas.rr.com>
Source record: 51766
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

"Slow Code" <my.mail@no.spam> wrote in message
news:MehUg.4313$Y24.4147@newsread4.news.pas.earthlink.net...
> Now if we can just get rid of the Beer Enema brigade, Woger, Stevie,
> Lloydie, Billy Smith, and Toad, these groups can get back to being radio
> groups again and we can talk about how to employ CW to save ham radio,
> because I know we all agree CW is what will save it.
>
> Catch you on the bands unless you're a No-code ham, then I won't
> because I don't do CB.
>
> Tnx, 73
> de Slow Code
>
>

Good deal. Go discuss your prostrate and hemorrhoids via CW.

193. Re: See, I told you RRAP is peaceful when KB9RQZ is away.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 00:20:06 UTC
From: Lloyd Morgan <lloyd@no.spammmmm>
Message-ID: <8810917833.2458F8789@tarrnews.net>
Source record: 51767
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

On Mon, 02 Oct 2006 23:46:41 GMT, U-Know-Who <no-one@nowhere.com> wrote:
>
> Good deal. Go discuss your prostrate and hemorrhoids via CW.

It is spelled "prostate," but you did get "hemorrhoids" right. If you had to spell things via CW, you wouldn't have spelled only 50% of the big words right. I admit that you could use the Q signal for "How is your prostate?" (QYP?), but most good ops spell things out instead.

QYH?

194. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 00:56:43 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <fziUg.19009$lj.18304@newssvr14.news.prodigy.com>
Source record: 51768

Jim Kelley wrote:
> The problem with your paper, Cecil, is the part where you try to invent
> the "4th Mechanism of Reflection".

I wish I had invented it, Jim, but the mechanism of wave
reflection due to interference was well known and under-
stood by optical engineers long before I was born. It's
how non-reflective glass works. Ideally, interference
at the thin-film coating reflects all of the light back
toward the picture behind the glass.
--
73, Cecil http://www.w5dxp.com

195. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 01:05:02 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <2HiUg.19014$lj.10131@newssvr14.news.prodigy.com>
Source record: 51769

Roy Lewallen wrote:
> But most often when you see an antenna inventor or seller claim that his
> antenna "can't be modeled" by NEC, EZNEC, or other programs, it just
> means that modeling fails to show the extraordinary performance he
> claims for it. That's simply a failure of the program to include the
> effects of magical properties and wishful thinking in its calculations.
> I've come to regard such claims as a red flag indicating a probable
> exaggeration of antenna performance.

I wish I could remember the correct spelling for the antenna
I tried to model. Something like "Lentine". It is a dipole
of sorts made from shorted and open sections of balanced
transmission line. I tried modeling it with wires in EZNEC
and got all sorts of errors. It looked something like this:

```
+--------+--------+--------FP--------+--------+--------+
+------ +------ +------ ------+ ------+ ------+
```

Anyone remember the correct spelling for that antenna?
--
73, Cecil http://www.w5dxp.com

196. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 01:19:02 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <aUiUg.19021$lj.15680@newssvr14.news.prodigy.com>
Source record: 51770

Dave wrote:
> the big confusion factor is using power and energy at all. they are both
> derived from the much simpler to handle and understand voltage or current
> waves.

But it is hard to answer the "Where does the power go?"
question without using power and energy. BTW, I didn't
start that question. Jon Bloom asked that question in a
Dec. 1994 QEX article as a rebuttal to the information
in "Reflections", by Walter Maxwell.

> the biggest problem is that once you change from voltage or current
> to power you lose the information necessary to calculate superposition
> because you no longer have the phase information from the basic wave
> components.

If one knows the length of the transmission line and the
velocity factor, the phases can be deduced. If one is
dealing with a Z0-match, which is most common in amateur
radio, the phase information is trivial because all the
voltages and all the currents are either in-phase or
180 degrees out of phase at the Z0-match point.
--
73, Cecil http://www.w5dxp.com

197. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 01:32:22 UTC
From: Opus- <jbuchy@shaw.ca>
Message-ID: <9pc3i2t78a3fq67ov719p3kles00pq9l0n@4ax.com>
Source record: 51771
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Mon, 02 Oct 2006 14:15:42 -0400, Al Klein <rukbat@pern.invalid>
spake thusly:

>On Mon, 02 Oct 2006 01:17:43 GMT, Opus- <jbuchy@shaw.ca> wrote:
>
>>Try to keep up.
>
>That's actually good - if you can't defend, attack. Even if your
>attack is nonsense.

Asking you to keep up is not an attack. Telling me to grow up
certainly is and you have done that several times.

>> I have been quite consistent. You have not being
>>paying attention. I made no argument against voice at all. I made the
>>argument that a live voice conveys more than just words.
>
>You claimed that we humans communicate visually more than by words.
>You're contradicting yourself here.

This shows that you have not kept up. I did not say that we
communicate visually more, I said that we are get the most
information from our environment visually than by any other sense. Our
other senses help us much less than they do for most other higher
animals.

>When you blather on about something you know nothing about you lose
>track of what you said a few days ago.

Yet again you attack.

>>>Deaf-blind dogs and cats don't normally walk around the streets
>>>without aid. (Domesticated cats, btw, aren't scent-oriented, they're
>>>vision-oriented.)
>
>>Never had a cat, did you?
>
>She's 7 years old now, and sleeping on my bed. Got her when her
>mother died - she was still nursing - so, yes, I currently have a cat.
>Have had some canine or feline pet since before I can remember -
>usually more than 1.
>
>> I grew up with them. They don't depend on
>>smell near as much as dogs but they depend on it just the same.
>

>They use it - about as much as we do - they don't depend on it.

Each olfactory cell in a cat has about 40 cilia while a human cell has only about 6 to 8. A cat has approximately 60 to 80 million olfactory cells while a human has about 5 to 20 million. Dogs put us all to shame.

>>Are we on the radio right now? Your apples and oranges arguments are
>>getting tiresome. Here in Usenet, the text is preserved. CW is not.
>
>You're arguing for the visual now? Voice conveys more than CW, which
>is your argument against CW. Voice conveys more than Usenet, which
>ISN'T an argument against Usenet.

How many times do I have to tell you that I am not arguing against CW? It has it's place but I am arguing against CW as a requirement for full access to ARS. I ask what is so great about CW and all I seem to get is a rather patronizing "You wouldn't understand".

>So which is it? Is the fact that voice conveys more than X an
>argument against X or not?

This again shows how you have not been keeping up. Not an attack, an observation.

>I'm getting tired of your "I have to argue just so that I can win"
>stance, so figure out how to get back to me when you grow up.

Explain how I have to "grow up" and, while you are at it, explain how you are qualified to make such a statement. You have insulted me in such a manner several times yet I have said nothing of the sort to you. You patronize me while I give legitimate arguments. You don't like my arguments and try to deflect by misquoting.

Of all the pro-coders here, I had the most respect for your view. I didn't agree but at least you made a point without the typical insults of others here. Now you seem to be joining their ilk.

Sad.
--
Opus62@gmail.com
(Jim, single dad to Lesleigh [Autistic] 04/20/94)

"What, Me Worry?" A. E. Newman

Please note: All unsolicited e-mail sent to me may, at
my discretion, be posted in this newsgroup verbatim.

198. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 01:42:58 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <efsfcifsh1@news.service.uci.edu>
Source record: 51772

Cecil Moore wrote:
> Jim Kelley wrote:
>
>> The problem with your paper, Cecil, is the part where you try to
>> invent the "4th Mechanism of Reflection".
>
>
> I wish I had invented it, Jim, but the mechanism of wave
> reflection due to interference was well known and under-
> stood by optical engineers long before I was born. It's
> how non-reflective glass works. Ideally, interference
> at the thin-film coating reflects all of the light back
> toward the picture behind the glass.

What has been known since long before you were born is that only direct interaction with matter causes EM waves to reflect. You're far too modest Cecil. The "4th mechanism of reflection" is completely your idea! ;-)

73, Jim, AC6XG

199. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 02:31:51 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <rYjUg.1149$NE6.199@newssvr11.news.prodigy.com>
Source record: 51773

Jim Kelley wrote:
> What has been known since long before you were born is that only direct
> interaction with matter causes EM waves to reflect.

Would you say the changing characteristic impedance between
two waveguides in outer space is a direct interaction
with matter? There is no matter inside the waveguide with
which to interact.

However, I am wondering if I am using the wrong word when
I say interference can cause reflections. Since the same
thing happens with scattering S-parameters, it may be
a 180 degree refraction instead of a 180 degree reflection.
I'll have to take a look at the math.

But no matter what it is called, the results are the same.
"A rose by any other name ..."
--
73, Cecil http://www.w5dxp.com

200. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 03:31:09 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <1QkUg.9248$e66.584@newssvr13.news.prodigy.com>
Source record: 51774

Jim Kelley wrote:
> What has been known since long before you were born is that only direct
> interaction with matter causes EM waves to reflect. You're far too
> modest Cecil. The "4th mechanism of reflection" is completely your
> idea! ;-)

Nope, it's not. The interference is caused
by the interaction of the forward and reflected waves
at a physical impedance discontinuity. The impedance
discontinuity is the primary cause of everything and is
certainly a point of "direct interaction with matter".
The reflection coefficients based on RF impedance
discontinuities are similar in kind to the reflection
coefficients based on differing light indices of
refraction between materials.

The forward reflection of light from a non-reflective
thin-film glass surface was well understood before I was
born. Optical engineers have no problem with that change
of EM wave momentum due to interference between the internal
reflection and the external reflection. That's the same
mechanism that happens at a Z0-match point in a transmission
line.
--
73, Cecil http://www.w5dxp.com

201. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 07:01:29 UTC
From: Alan Peake <adpeake@killspam.internode.on.net>
Message-ID: <45220AC9.1080700@killspam.internode.on.net>
Source record: 51775

Dave Oldridge wrote:

> Properly designed, they have a good reputation for doing what the
> theory says they will do. Just remember, though, that you're going to
> have to sewer almost half your transmitted power into the terminating
> resistor. But that's the half that would be going the wrong way,
> basically.
>
But it would get there - eventually :) Long or short path. But I don't know if both paths are ever open at the same time to the same extent. If not, then it may not be a problem. What about running a transmission line from where the terminating R would be, back to the feed point? Assuming you can match it all that is.
Alan

202. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 07:43:07 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <U1X81dELShIFFAP$@ifwtech.co.uk>
Source record: 51676

Cecil Moore wrote:
>Roy Lewallen wrote:
>> But most often when you see an antenna inventor or seller claim that
>>his antenna "can't be modeled" by NEC, EZNEC, or other programs, it
>>just means that modeling fails to show the extraordinary performance
>>he claims for it. That's simply a failure of the program to include
>>the effects of magical properties and wishful thinking in its
>>calculations. I've come to regard such claims as a red flag
>>indicating a probable exaggeration of antenna performance.
>
>I wish I could remember the correct spelling for the antenna
>I tried to model. Something like "Lentine". It is a dipole
>of sorts made from shorted and open sections of balanced
>transmission line. I tried modeling it with wires in EZNEC
>and got all sorts of errors. It looked something like this:
>
>+--------+--------+--------FP--------+--------+--------+
>+------ +------ +------ ------+ ------+ ------+
>
>Anyone remember the correct spelling for that antenna?

Google for "Lattin antenna". (Too many "lentils", Cecil :-)

One of the first hits is http://www.g3ycc.karoo.net/lattin.htm which shows a good sketch. The antenna is made from sections of 300-ohm ribbon or tubular feeder, configured as a string of quarter-wave stubs that progressively make the dipole shorter as the frequency increases.

The modeling challenge is that the ribbon operates in two different modes at the same time: a radiating common mode with a velocity factor of say 0.95; and a non-radiating "stub" mode with a VF of about 0.8. The problem is to model both modes simultaneously, for the whole string of stubs, without changing the physical dimensions of the real antenna. I'm not sure if NEC can do this, but maybe Roy can comment?

--
73 from Ian GM3SEK
http://www.ifwtech.co.uk/g3sek

203. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 08:07:46 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <uq54i25bijrosu6h30633s981rujfiugeo@4ax.com>
Source record: 51677

On Tue, 3 Oct 2006 08:43:07 +0100, Ian White GM3SEK
<gm3sek@ifwtech.co.uk> wrote:

>The modeling challenge is that the ribbon operates in two different
>modes at the same time: a radiating common mode with a velocity factor
>of say 0.95; and a non-radiating "stub" mode with a VF of about 0.8.

Hi Ian,

This "two different modes" is the magic mode factor that has not been
designed into EZNEC.

One need only look at the Lattin designs that "work" to discover they
violate the precepts of "how" they work.

Then note those that "should" work result in those don't work.

The bottom line is fairly obvious, but there are those who can 'splain
how its done (see magic mode factor).

73's
Richard Clark, KB7QHC

204. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 08:43:21 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <bVv$9DJpKiIFFA9D@ifwtech.co.uk>
Source record: 51678

Alan Peake wrote:
>
>
>Dave Oldridge wrote:
>
>> Properly designed, they have a good reputation for doing what the
>> theory says they will do. Just remember, though, that you're going to
>> have to sewer almost half your transmitted power into the terminating
>> resistor. But that's the half that would be going the wrong way,
>> basically.
>>
>But it would get there - eventually :) Long or short path. But I don't
>know if both paths are ever open at the same time to the same extent.
>If not, then it may not be a problem. What about running a transmission
>line from where the terminating R would be, back to the feed point?
>Assuming you can match it all that is.

No problem. Pipe the signal back from the far end into the shack, feed it into a circulator, and add it to the outgoing signal. Cecil will explain what happens to the power :-)

Replying to Yuri's point: from personal experience of using a rhombic 100 wavelengths long for 2m moonbounce, it had only about the same maximum gain as a box of 4 mid-size yagis - and that is only while the moon is passing through the very narrow main beam, which only happens for a magic 20 minutes on certain days of the month.

In other words, the rhombic did work, but the performance was nowhere near as spectacular as we had expected from its huge electrical length.

What is undeniably true is that it *looked* spectacular! I've used many kinds of antennas since then, up to an 85ft dish, but not one of them has given me the same buzz as that rhombic. And there is the trap: buzz isn't the same thing as performance.

We need to be very careful about applying dual standards. An unavoidable feature of all very long rhombics is that the main beam is very narrow, because the edges of the main lobe are sliced away by large numbers of sidelobes that are not many dB down. If we saw that kind of E-plane pattern in a yagi, we wouldn't hesitate to call it a "bad design"... so what's "good" about the same feature in a rhombic?

--
73 from Ian GM3SEK
http://www.ifwtech.co.uk/g3sek

205. Re: See, I told you RRAP is peaceful when KB9RQZ is away.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 11:10:04 UTC
From: andy_theperv_timberlake@yahoo.com
Message-ID: <1159873804.555420.52230@k70g2000cwa.googlegroups.com>
Source record: 51679
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

Lloyd Morgan wrote:
> On Mon, 02 Oct 2006 23:46:41 GMT, U-Know-Who <no-one@nowhere.com> wrote:
> >
> > Good deal. Go discuss your prostrate and hemorrhoids via CW.
>
> It is spelled "prostate," but you did get "hemorrhoids" right. If you
> had to spell things via CW, you wouldn't have spelled only 50% of the
> big words right. I admit that you could use the Q signal for "How is
> your prostate?" (QYP?), but most good ops spell things out instead.
>
> QYH?

--.- ..- -.-. -.- --- --.- .-.-.-

206. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 11:39:27 UTC
From: Andy the Perv Timberlake <andy_theperv_timberlake@yahoo.com>
Message-ID: <1159875567.544947.5190@e3g2000cwe.googlegroups.com>
Source record: 51680
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Opus- wrote:
> On 1 Oct 2006 18:17:52 -0700, hot-ham-and-cheese@hotmail.com spake
> thusly:
>
> >
> >LenAnderson@ieee.org wrote:
> >> From: Al Klein on Sun, Oct 1 2006 3:25 pm
> >>
> >> >On Sun, 01 Oct 2006 04:05:15 GMT, Opus- <jbu...@shaw.ca> wrote:
> >> >>On Sat, 30 Sep 2006 23:00:08 -0400, Al Klein <ruk...@pern.invalid> spake thusly:
> >>
> >> >>The fact that I fully support technical testing is well established.
> >> >
> >> >But you're being inconsistent. You only want to eliminate code
> >> >testing because YOU can't see any merit in code.
> >>
> >> No, there are thousands and thousands of us who want to
> >> eliminate the US amateur radio code test for any
> >> license. It isn't confined to Jim-"Opus".
> >
> >Funny. I haven't followed this thread, but "Opus" would be a screen
> >name that Jim would choose. I'll have to go read this "Opus" character.
>
> Oh I am just your ordinary, average insecure penguin.

Archived.

> --
> Opus62@gmail.com
> (Jim, single dad to Lesleigh [Autistic] 04/20/94)

BWHAHAHAHAHA a retard begeting a retard! BWHAHAHAHA!

>
> "What, Me Worry?" A. E. Newman

Mad magazine is about the extent of your literary tastses, Penquin boy?

207. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 11:50:09 UTC
From: wood@itd.nrl.navy.mil
Message-ID: <wood-0310060750240001@jbw-mac.itd.nrl.navy.mil>
Source record: 51681

In article <U1X81dELShIFFAP$@ifwtech.co.uk>, Ian White GM3SEK
<gm3sek@ifwtech.co.uk> wrote:

> Google for "Lattin antenna". (Too many "lentils", Cecil :-)
>
> One of the first hits is http://www.g3ycc.karoo.net/lattin.htm which
> shows a good sketch. The antenna is made from sections of 300-ohm ribbon
> or tubular feeder, configured as a string of quarter-wave stubs that
> progressively make the dipole shorter as the frequency increases.
>
> The modeling challenge is that the ribbon operates in two different
> modes at the same time: a radiating common mode with a velocity factor
> of say 0.95; and a non-radiating "stub" mode with a VF of about 0.8. The
> problem is to model both modes simultaneously, for the whole string of
> stubs, without changing the physical dimensions of the real antenna. I'm
> not sure if NEC can do this, but maybe Roy can comment?

Hello, and Roy will probably want to weigh in here. What I can say is
that if you can create a wire model of the antenna consisting of
interconnected segments (ideally about 1/20 wavelength each) then NEC will
find the currents in each by considering all the interactions (conductive,
capacitive, inductive) between the segments. NEC doesn't care about the
geometry or "modes" of the antenna - it just sees a bunch of
interconnected segments distributed in 3-D space. There is no magic here
as NEC is merely applying text-book electromagnetic theory (you wouldn't
want to tackle this with just pencil and paper).

Once the individual segment currents are found (the time-consuming part)
It is relatively straight-forward for NEC to find the radiation pattern
shape, antenna gain and driving point(s) impedances. As with any
modelling program the trick is to make sure the wire segment model
adequately represents the actual/planned structure. Besides segment
length, there are a few other rules imposed by NEC that must also be
adhered to in order to obtain the correct results.

Roy is absolutely right in a previous post that an antenna vendor is most
likely blowing smoke by proclaiming that his/her antenna can't be modelled
by a method-of-moments program like NEC. (My favorite antenna "myth
busters" using NEC are Drs. John Belrose and Gerald Burke). Sincerely, and
73s from N4GGO,

John Wood (Code 5550) e-mail: wood@itd.nrl.navy.mil
Naval Research Laboratory
4555 Overlook Avenue, SW
Washington, DC 20375-5337

208. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 12:33:21 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <AURpdMSRiIIFFAPE@ifwtech.co.uk>
Source record: 51682

J. B. Wood wrote:
>> One of the first hits is http://www.g3ycc.karoo.net/lattin.htm which
>> shows a good sketch. The antenna is made from sections of 300-ohm ribbon
>> or tubular feeder, configured as a string of quarter-wave stubs that
>> progressively make the dipole shorter as the frequency increases.
>>
>> The modeling challenge is that the ribbon operates in two different
>> modes at the same time: a radiating common mode with a velocity factor
>> of say 0.95; and a non-radiating "stub" mode with a VF of about 0.8. The
>> problem is to model both modes simultaneously, for the whole string of
>> stubs, without changing the physical dimensions of the real antenna. I'm
>> not sure if NEC can do this, but maybe Roy can comment?
>
>Hello, and Roy will probably want to weigh in here. What I can say is
>that if you can create a wire model of the antenna consisting of
>interconnected segments (ideally about 1/20 wavelength each) then NEC
>will find the currents in each by considering all the interactions
>(conductive, capacitive, inductive) between the segments. NEC doesn't
>care about the geometry or "modes" of the antenna - it just sees a
>bunch of interconnected segments distributed in 3-D space. There is no
>magic here as NEC is merely applying text-book electromagnetic theory

That isn't a complete model of this particular antenna. The missing part
is the velocity factor of the twin-lead when acting as a stub, which
means that the electrical length of the stub is different from the
physical length. Which of those two lengths would you use in the NEC
model?

The answer is easy for a single-band model; but it's not so easy to
create one NEC model that will be valid for all the bands this antenna
is designed to cover.

--
73 from Ian GM3SEK

http://www.ifwtech.co.uk/g3sek

209. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 13:21:46 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <KttUg.19076$Ij.11896@newssvr14.news.prodigy.com>
Source record: 51683

Ian White GM3SEK wrote:
> The modeling challenge is that the ribbon operates in two different
> modes at the same time: a radiating common mode with a velocity factor
> of say 0.95; and a non-radiating "stub" mode with a VF of about 0.8. The
> problem is to model both modes simultaneously, for the whole string of
> stubs, without changing the physical dimensions of the real antenna. I'm
> not sure if NEC can do this, but maybe Roy can comment?

Thanks Ian, for the spelling and for jogging my memory on the
subject. I believe you have hit the nail on the head. EZNEC
apparently cannot "model both modes simultaneously".
--
73, Cecil http://www.w5dxp.com

210. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 13:50:55 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <3VtUg.19083$lj.5254@newssvr14.news.prodigy.com>
Source record: 51684

Ian White GM3SEK wrote:
> Pipe the signal back from the far end into the shack, feed
> it into a circulator, and add it to the outgoing signal. Cecil will
> explain what happens to the power :-)

Dr. Best, VE9SRB, in his 2001 QEX articles explained what would happen. Based on his idea that 75w + 8.33w = 133.33w, one could route the unused Rhombic power back to the source, recycle it, and cause voltage superposition to multiply the power up to a factor of 4. :-) To anyone who thinks I am kidding about Dr. Best posting the above equation, it can probably be verified by Google circa May 2001 on this newsgroup.

Dr. Best proved his assertions with the following power equation:

Ptot = P1 + P2 + 2[SQRT(P1*P2)]cos(A)

where A is the angle between V1 and V2. If we make the angle between V1 and V2 equal to zero, we can take the P1 power from the source and the P2 power routed back from the load and increase our total power output by a factor equal to 2[SQRT(P1*P2)]. Who says there is no such thing as a free lunch? :-)

Discussed by me in May 2001 was the fact that his term, 2[SQRT(P1*P2)] is constructive interference energy which must necessarily be exactly balanced by 2[SQRT(P1*P2)] watts of destructive interference energy or else the conservation of energy principle is violated. At the time, Dr. Best did not understand where the necessary destructive interference energy was coming from. It comes from the Z0-match between the feedline and the source and it works exactly like the thin-film layer on non-reflective glass. Dr. Best's Ptot equation above is true for A = 0 if and only if Ptot is being supplied with destructive interference energy where A is probably equal to 180 degrees.
--
73, Cecil http://www.w5dxp.com

211. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 13:56:59 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <L_tUg.19085$lj.5646@newssvr14.news.prodigy.com>
Source record: 51685

J. B. Wood wrote:
> Roy is absolutely right in a previous post that an antenna vendor is most
> likely blowing smoke by proclaiming that his/her antenna can't be modelled
> by a method-of-moments program like NEC. (My favorite antenna "myth
> busters" using NEC are Drs. John Belrose and Gerald Burke). Sincerely, and
> 73s from N4GGO,

The problem that EZNEC has with this antenna, as I understand it,
is that the same pair of parallel wires has common-mode current
in them on some frequencies resulting in a high VF and differential
mode current in them on other frequencies resulting in a low VF. I
don't know how to model changing VF's with EZNEC without changing
the physical length of the wires as frequency is changed.
--
73, Cecil http://www.w5dxp.com

212. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 13:59:19 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <X0uUg.19086$lj.7921@newssvr14.news.prodigy.com>
Source record: 51686

Ian White GM3SEK wrote:
> The answer is easy for a single-band model; but it's not so easy to
> create one NEC model that will be valid for all the bands this antenna
> is designed to cover.

Could a model be created for each band? What would be the
VF of the wire when 50% of the current was common-mode
and 50% of the current was differential mode?
--
73, Cecil http://www.w5dxp.com

213. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 14:38:17 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <ABuUg.130$Yn2.127@newsfe10.lga>
Source record: 51687

Howdy Rhombic fans,

OK on Ian's rhombic experiences on V/UHF, but that I believe would be different situation, I.e. rhombic not working in conjunction with ground reflections/effects. With "normal" HF rhombic we have a situation where antenna is spread out over few wavelengths and interacting with ground.

Spacing two antennas few wavelengths can give us diversity effect by the virtue of propagation and waves hitting them differently. Rhombic is kind of antenna/feeders spread out over few wavelengths over ground. Perhaps there is also some of traveling wave mode going on, like in a Beverage. You can't simulate that or use VHF analogy being many wavelength away from the ground effects. Don't forget that skywave polarization is all over and rolling around.

I see big differences when trying to model vertical arrays destined to work on ground and modeled in "free space", different pattern and just plain ridiculous to do that. I know from my hardware experiments with Razors (quad - yagi) that if I changed height of the boom and I reoptimized the spacing/dimensions I would get different configuration. So my conclusion was that antenna has to be designed for the height it is going to be used at. Closer to ground, the more pronounced effect.

What I am trying to say and not sell anything, is that perhaps the ground effect and rhombic's spread over it over few wavelengths might have something to do with it's good performance.

I think that software modeling is a great tool, but I also know that it can not capture all the variables and effects that are happening around antennas, the ground and the sky.

All I am pointing out that based on mine and other's experience, rhombic is a great antenna, performing perhaps better than modeling shows (W8JI web site downplays it). If I get the chance, I will try to do some real life tests and comparisons on HF. We have some 30 rhombics, some phased side by side and will try to model and compare them with other antennas. BTW our rhombics have a load resistor made of open (resistive?) wire stub, folded few times back and forth. They were used with 50 kW transmitters.
see http://www.teslaradio.org/site_survey.htm

I am just trying to bring attention to possible discrepancy that perhaps is worth exploring. If some believe in gospel of modeling and paper antennas, than enjoy it. I prefer reality. When I wrote my observations about propagation happening by ducting and refraction some 25 years ago, I was ridiculed. Now the propagation experts are accepting it and playing discoverers (only ON4UN gives me some credit :-).

Yuri, K3BU
Tesla RC N2EE

"Ian White GM3SEK" <gm3sek@ifwtech.co.uk> wrote in message
news:bVv$9DJpKiIFFA9D@ifwtech.co.uk...
> Alan Peake wrote:
>>
>>
>>Dave Oldridge wrote:
>>
>>> Properly designed, they have a good reputation for doing what the
>>> theory says they will do. Just remember, though, that you're going to
>>> have to sewer almost half your transmitted power into the terminating
>>> resistor. But that's the half that would be going the wrong way,
>>> basically.
>>>
>>But it would get there - eventually :) Long or short path. But I don't
>>know if both paths are ever open at the same time to the same extent. If
>>not, then it may not be a problem. What about running a transmission line
>>from where the terminating R would be, back to the feed point? Assuming
>>you can match it all that is.
>
> No problem. Pipe the signal back from the far end into the shack, feed it
> into a circulator, and add it to the outgoing signal. Cecil will explain
> what happens to the power :-)
>
>
> Replying to Yuri's point: from personal experience of using a rhombic 100
> wavelengths long for 2m moonbounce, it had only about the same maximum
> gain as a box of 4 mid-size yagis - and that is only while the moon is
> passing through the very narrow main beam, which only happens for a magic
> 20 minutes on certain days of the month.
>
> In other words, the rhombic did work, but the performance was nowhere near
> as spectacular as we had expected from its huge electrical length.
>
> What is undeniably true is that it *looked* spectacular! I've used many
> kinds of antennas since then, up to an 85ft dish, but not one of them has
> given me the same buzz as that rhombic. And there is the trap: buzz isn't
> the same thing as performance.
>
> We need to be very careful about applying dual standards. An unavoidable
> feature of all very long rhombics is that the main beam is very narrow,
> because the edges of the main lobe are sliced away by large numbers of
> sidelobes that are not many dB down. If we saw that kind of E-plane
> pattern in a yagi, we wouldn't hesitate to call it a "bad design"... so
> what's "good" about the same feature in a rhombic?
> 73 from Ian GM3SEK
> http://www.ifwtech.co.uk/g3sek

214. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 14:38:22 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <EBuUg.131$Yn2.46@newsfe10.lga>
Source record: 51688

"Ian White GM3SEK" <gm3sek@ifwtech.co.uk> wrote in message
news:bVv$9DJpKiIFFA9D@ifwtech.co.uk...
> Alan Peake wrote:
>>
>>
>>Dave Oldridge wrote:
>>
>>> Properly designed, they have a good reputation for doing what the
>>> theory says they will do. Just remember, though, that you're going to
>>> have to sewer almost half your transmitted power into the terminating
>>> resistor. But that's the half that would be going the wrong way,
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>>>
>>But it would get there - eventually :) Long or short path. But I don't
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>>from where the terminating R would be, back to the feed point? Assuming
>>you can match it all that is.
>
> No problem. Pipe the signal back from the far end into the shack, feed it
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> Replying to Yuri's point: from personal experience of using a rhombic 100
> wavelengths long for 2m moonbounce, it had only about the same maximum
> gain as a box of 4 mid-size yagis - and that is only while the moon is
> passing through the very narrow main beam, which only happens for a magic
> 20 minutes on certain days of the month.
>
> In other words, the rhombic did work, but the performance was nowhere near
> as spectacular as we had expected from its huge electrical length.
>
> What is undeniably true is that it *looked* spectacular! I've used many
> kinds of antennas since then, up to an 85ft dish, but not one of them has
> given me the same buzz as that rhombic. And there is the trap: buzz isn't
> the same thing as performance.
>
> We need to be very careful about applying dual standards. An unavoidable
> feature of all very long rhombics is that the main beam is very narrow,
> because the edges of the main lobe are sliced away by large numbers of
> sidelobes that are not many dB down. If we saw that kind of E-plane
> pattern in a yagi, we wouldn't hesitate to call it a "bad design"... so
> what's "good" about the same feature in a rhombic?

>
>
>
> --
> 73 from Ian GM3SEK
> http://www.ifwtech.co.uk/g3sek

215. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 14:43:01 UTC
From: Gene Fuller <W4SZzzzzzz@att.net>
Message-ID: <VFuUg.181135$QM6.7692@bgtnsc05-news.ops.worldnet.att.net>
Source record: 51689

Cecil Moore wrote:

[snip]
>
> However, I am wondering if I am using the wrong word when
> I say interference can cause reflections. Since the same
> thing happens with scattering S-parameters, it may be
> a 180 degree refraction instead of a 180 degree reflection.
> I'll have to take a look at the math.

Cecil,

You may have taken the first step along the path to enlightenment. It has been explained previously on RRAA that interference is a result, not a cause. There are no primary equations related to interference that are useful for analyzing the exact behavior of a system. Sure, there are lots of handwaving explanations, but nothing that can actually give real numbers for fields, currents, or whatever.

If you start with the proper equations for the fields, or voltage and current if you desire, add in the correct boundary conditions on the interfaces, and then find the numerical solution, any interference will appear. No need to make a special case.

If you do this then two positive things will occur.

1. You will be in accord with virtually every mathematician, physical scientist, optical scientist, and even engineer in applying standard analysis techniques.

2. All of the worry about missing energy, canceling waves at the interfaces, etc. simply disappears. It all pops right out from the proper application of the math, automatically.

73,
Gene
W4SZ

216. Change of URL for Luxorion, http://www.astrosurf.com/luxorion/

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 14:45:25 UTC
From: Thierry
Message-ID: <45227780$1@news.vo.lu>
Source record: 51690
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.dx,rec.radio.amateur.space

Hi

My URL address changed

The new URL of LUXORION is now : http://www.astrosurf.com/luxorion/
(or .org as there will be an alias).

Sorry for the inconvenient but the change will be transparents for users

Regards,

Thierry, ON4SKY, LX4SKY
Luxorion

217. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 14:54:28 UTC
From: Gene Fuller <W4SZzzzzzz@att.net>
Message-ID: <EQuUg.181208$QM6.16331@bgtnsc05-news.ops.worldnet.att.net>
Source record: 51691

Yuri Blanarovich wrote:

[snip]

> I am just trying to bring attention to possible discrepancy that perhaps is
> worth exploring. If some believe in gospel of modeling and paper antennas,
> than enjoy it. I prefer reality. When I wrote my observations about
> propagation happening by ducting and refraction some 25 years ago, I was
> ridiculed. Now the propagation experts are accepting it and playing
> discoverers (only ON4UN gives me some credit :-).
>
> Yuri, K3BU

Yuri,

I am a bit puzzled by your comment. Ducting and refraction received a
lot of technical and mathematical study back at least to the mid-1930's.
Terman's books show similar figures to those in your CQ article, and
they give numerous technical references from the 1940's.

You may have been ridiculed by the amateur radio community, but the pros
accepted that sort of propagation explanation many decades earlier.

73,
Gene
W4SZ

218. Re: See, I told you RRAP is peaceful when KB9RQZ is away.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 14:55:09 UTC
From: slow_code_bitch_boi@yahoo.com
Message-ID: <1159887309.230359.53320@c28g2000cwb.googlegroups.com>
Source record: 51692
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,alt.usenet.kooks,rec.radio.amateur.policy,rec.radio.cb

Slow Code wrote:
> Now if we can just get rid of the Beer Enema brigade, Woger, Stevie,
> Lloydie, Billy Smith, and Toad, these groups can get back to being radio
> groups again and we can talk about how to employ CW to save ham radio,
> because I know we all agree CW is what will save it.
>
> Catch you on the bands unless you're a No-code ham, then I won't
> because I don't do CB.
>
> Tnx, 73
> de Slow Code
One dead, one arrested after CB radio argument at Vancouver mall

VANCOUVER, Wash. (AP) -- A Vancouver man was shot to death Saturday in the parking lot of Westfield Vancouver mall following an argument over citizens band radio.

Kenneth Eichhorn, 47, died after surgery at Southwest Washington Medical Center, police said Saturday. Jon William Loveless, 44, also of Vancouver, was arrested for investigation of second-degree murder in the shooting.

Police responded about 1:30 a.m. Saturday to reports of multiple shots fired in the mall parking lot. Officers found the wounded Eichhorn in his pickup truck.

Loveless called 911 a short time later, reporting that he had been involved in a shooting. He was being held without bail in the Clark County Jail.

The two men apparently did not know each other, but got into an argument over CB radio before they met at the mall. Both men were armed, police said. The nature of the disagreement was not disclosed.

Later Saturday, CB users were still talking about the early-morning argument between "Ken" and "Brander."

Longtime CB user Noel Perkins, 41, of Vancouver said he often hears arguments over the radio. "It's part of the game," said Perkins, whose CB handle is Snakebite. "Some people take it seriously, some people don't."

Information from: The Columbian, http://www.columbian.com

219. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 14:57:11 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <HTuUg.44369$vX5.4903@bignews8.bellsouth.net>
Source record: 51693

"Alan Peake" <adpeake@killspam.internode.on.net> wrote in message
news:451CC387.4050007@killspam.internode.on.net...
> Before I go to the trouble of putting up a rhombic, I've been using NEC to
> get an idea of the gain, radiation angle etc for various leg lengths. It
> all looks very promising on the computer but I'd be interested in
> real-world experiences. For example, how well does the real antenna
> approach the PC simulation when various factors like wire sag, uneven
> ground, presence of trees and shrubbery?
> Alan
> VK2ADB
>

Back in the 70s a friend and I put up a rhombic antenna in a pecan orchard
on 11M. If I remember correctly each leg was about 8 wl long. At first we
thought we had done something wrong but then we began regularing talking
with guy about 45 miles away west of Tifton Ga.that we could not talk to on
his quad. Apparently the beam width is so narrow it makes it impractical
except for point to point comunication.

220. Re: Attic Antennas and Foil Backed Barriers

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 15:09:34 UTC
From: "R. Scott" <spamtrap@w7psk.net>
Message-ID: <J6KFFw.E85@news.boeing.com>
Source record: 51695

"Irv Finkleman" <finkirv@shaw.ca> wrote in message
news:4521A359.2E8E9FBC@shaw.ca...
> You won't know until you try. A 20m dipole should be easy enough to
> get into any attic, and give it a shot. You might be pleasantly
> surprised, and that odds that you'll be terribly disappointed are
> pretty small.
>
> Irv VE6BP

I've used lots of Dipoles in weird places and have gotten contacts. In low sunspot its not much
but your still communicating. I used an Inverted L next to a apt building from my 2nd floor apartment
and worked the world (High Sunspot time) :D. Remember, beams were not really in big use until the 40s.
Even then it took a while for it to catch on.

Scotty W7PSK.

221. Re: If two no-code hams contact each other on CB, is that a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 15:27:37 UTC
From: Smokey <nospamtelegraph@intergate.com>
Message-ID: <12i508omp98i055@corp.supernews.com>
Source record: 51694
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

A question well stated, Slow Code...
No, it is a telephone conversation. Period. And that is what the whole hobby will turn into if the self-righteous, lazy whiners get their way and code is, once and for all, abolished. They all have contributed to the hobby's deterioration so far and don't like the fact that a few of us have got their number and can assess them for what they are. What do these simple-minded idiots think will happen if, as they press forward, they get all testing removed? The simple fact is that this is all a set up so the frequencies can be auctioned to non ham interests. The morons in Newington whimper about the reduced ham population. Geez Louise...there are many times more hams today (including those with the "faux" ham licenses not requiring code) than in the post WWII ham "boom." Not enough?

No kids...this whole code thing and the watering down of the test is simply a matter dividing and conquering so "they" can come in and tell us that our numbers don't justify the spectrum. Then...pfssssst!!!...there goes one band after another.

If any of the no coders had any balls they'd be asking the fcc for real testing and redevelop the hobby into what it used to be instead of the inane weekend contesting and buffoons sitting there are sideband comparing which rigs have the most features.

Idiots.

> >>What's wrong with that,
> > eslewhere you denied being arogant mr 2 faced
> >> if it helps motivate people to be better hams.
> >>Unfortunately, most here don't want better hams.
> > I certainly do which is why I call for you Steve and woger to turn in
> > your licenses
> >
> > please help out ham radio and turn yours in SC
>
>
> If two no-code hams contact each other on CB, is that a real QSO?
>
> SC

222. Re: Solder to Aluminum?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 15:46:03 UTC
From: robby <robby@nospamhere.fam>
Message-ID: <452285B8.A2BD1FAE@nospamhere.fam>
Source record: 51696

if you don't want to solder, just clean the aluminum area
and use a stainless steel hose clamp (automotive type)
with some noalox or similar anitox/sieze compound.

or deoxit on the area before clamping.

73

223. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 15:47:32 UTC
From: wood@itd.nrl.navy.mil
Message-ID: <wood-0310061147480001@jbw-mac.itd.nrl.navy.mil>
Source record: 51697

In article <AURpdMSRilIFFAPE@ifwtech.co.uk>, Ian White GM3SEK
<gm3sek@ifwtech.co.uk> wrote:

> That isn't a complete model of this particular antenna. The missing part
> is the velocity factor of the twin-lead when acting as a stub, which
> means that the electrical length of the stub is different from the
> physical length. Which of those two lengths would you use in the NEC
> model?
>
> The answer is easy for a single-band model; but it's not so easy to
> create one NEC model that will be valid for all the bands this antenna
> is designed to cover.

Hello, Ian. You would use the physical length for all wires that are interconnected and/or separated by free space. After all, that's what we're trying to model. You still must decide how many electrically-small segments would constitute, say, a 1 foot length of conductor. The higher the frequency, the more segments you will need. If transmission line is to be connected between segments, NEC has tools for doing that. BTW, my experience is with LLNL's NEC-4 (FORTRAN-77 source code) rather than the commercially-available packages. Sincerely,

John Wood (Code 5550) e-mail: wood@itd.nrl.navy.mil
Naval Research Laboratory
4555 Overlook Avenue, SW
Washington, DC 20375-5337

224. Re: get help

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 15:47:54 UTC
From: robby <robby@nospamhere.fam>
Message-ID: <45228627.530A39C8@nospamhere.fam>
Source record: 51698
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.west-virginia,alt.sex.gay

I'm a student at school using an educational
computer system.

our school has filed complaints to the isp of the poster.

225. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 15:49:27 UTC
From: richardharrison@webtv.net
Message-ID: <57-45228687-772@storefull-3257.bay.webtv.net>
Source record: 51699

Ian, GM3SEK commented thoughtfully on many points regarding the rhombic.

It is an excellent antenna for fixed point communications. Unfortunately, the earth and moon are not stationary with respect to each other. The rhombic may not be so re-directable as antennas like the Yagi or corner reflector.

For transmitting, the rhombic has a lower maximum voltage than a resonant standing-wave antenna. For high power, it`s a consideration.

The power remaining at the far end of the rhombic has been recycled by some to eliminaate waste.

Cecil does an excellent job of explaining where the power in a transmission line goes. Unfortunately, re-entrant rhombics tend to lose some of their advantages of simplicity and bandwidth in the elaboration process.

On the subject of diversity, it works by switching to a better receiving system. Without switching, spaced antennas only provide a phased array in which destructive interference happens during some signal conditions.

Where I worked, we used triple diversity receivers with 3 rhombic antennas spaced about 10 wavelengths apart at the low frequency end of the spectrum. A Crosby or Pioneer combiner selected the best of the 3 receiver outputs to feed a program line. Several receiving systems shared the same 3 rhombics for simultaneous program relay.

Sidelobes are only a small problem when using triple diversity and selectable sideband in reception.

Best regards, Richard Harrison, KB5WZI

226. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 15:59:12 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <kNvUg.7033$TV3.4112@newssvr21.news.prodigy.com>
Source record: 51700

Gene Fuller wrote:
> You may have taken the first step along the path to enlightenment. It
> has been explained previously on RRAA that interference is a result, not
> a cause.

Of course, the Big Bang is the cause of everything,
but what caused the Big Bang?

When one says A causes B which causes C which causes
D, etc., it is not false to say C causes D. There may
be a long line of causes and effects. One step's cause
is the previous step's effect. Interference causes
visible interference rings in a light experiment. And
of course, interference is just one event in a long
line of cause and effect. Without interference, there
would be no interference rings. Without beams of light,
there would be no interference. Without a Big Bang,
there would be no light.

In a line of events, interference is an event that has
a cause and has an effect.
--
73, Cecil http://www.w5dxp.com

227. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 16:02:00 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <YPvUg.7034$TV3.2225@newssvr21.news.prodigy.com>
Source record: 51701

Jimmie D wrote:
> Back in the 70s a friend and I put up a rhombic antenna in a pecan orchard
> on 11M. If I remember correctly each leg was about 8 wl long.

Isn't that an illegal antenna on 11m? :-)
--
73, Cecil http://www.w5dxp.com

228. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 16:03:27 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <W72cmBbPnoIFFA+V@ifwtech.co.uk>
Source record: 51703

Yuri Blanarovich wrote:
>OK on Ian's rhombic experiences on V/UHF, but that I believe would be
>different situation, I.e. rhombic not working in conjunction with
>ground reflections/effects. With "normal" HF rhombic we have a
>situation where antenna is spread out over few wavelengths and
>interacting with ground.
>
The same is true at VHF. All rhombics interact with ground, because their length is many times greater than their height above ground. The number of wavelengths above ground will change the details, but not the basic fact.

>Spacing two antennas few wavelengths can give us diversity effect by
>the virtue of propagation and waves hitting them differently. Rhombic
>is kind of antenna/feeders spread out over few wavelengths over ground.
>Perhaps there is also some of traveling wave mode going on, like in a
>Beverage. You can't simulate that

Are you quite sure of that? In other words, do you have firm evidence and reasons why?

>or use VHF analogy being many wavelength away from the ground effects.

That analogy was your assumption, never mine :-)

>Don't forget that skywave polarization is all over and rolling around.
>
>I see big differences when trying to model vertical arrays destined to
>work on ground and modeled in "free space", different pattern and just
>plain ridiculous to do that. I know from my hardware experiments with
>Razors (quad - yagi) that if I changed height of the boom and I
>reoptimized the spacing/dimensions I would get different configuration.
>So my conclusion was that antenna has to be designed for the height it
>is going to be used at. Closer to ground, the more pronounced effect.
>
>What I am trying to say and not sell anything, is that perhaps the
>ground effect and rhombic's spread over it over few wavelengths might
>have something to do with it's good performance.
>
Maybe it does... but I tend not to believe such things unless they come with good solid reasons.

>I think that software modeling is a great tool, but I also know that it
>can not capture all the variables and effects that are happening around
>antennas, the ground and the sky.
>

>All I am pointing out that based on mine and other's experience,
>rhombic is a great antenna, performing perhaps better than modeling
>shows (W8JI web site downplays it). If I get the chance, I will try to
>do some real life tests and comparisons on HF. We have some 30
>rhombics, some phased side by side and will try to model and compare
>them with other antennas. BTW our rhombics have a load resistor made of
>open (resistive?) wire stub, folded few times back and forth. They were
>used with 50 kW transmitters. see http://www.teslaradio.org/site_survey.htm
>
>I am just trying to bring attention to possible discrepancy that
>perhaps is worth exploring. If some believe in gospel of modeling and
>paper antennas, than enjoy it. I prefer reality.

I don't ever see that as an "either-or" choice - I am not comfortable
until both viewpoints agree. If modeling and 'reality' observations do
not seem to agree, it means we're still missing some pieces of the
puzzle.

--
73 from Ian GM3SEK 'In Practice' columnist for RadCom (RSGB)
http://www.ifwtech.co.uk/g3sek

229. Re: If two no-code hams contact each other on CB, is that a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 16:07:07 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <LUvUg.7038$TV3.6562@newssvr21.news.prodigy.com>
Source record: 51702
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Smokey wrote:
> If any of the no coders had any balls they'd be asking the fcc for real
> testing and redevelop the hobby into what it used to ...

Oh yeah, I really miss the days when the grouchy old
AM hams ceaselessly complained loud and long about those
"Single Side-Winders" on their personal AM frequencies
with that new fangled Mickey Mouse mode from hell (SSB).
--
73, Cecil http://www.w5dxp.com

230. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 16:21:30 UTC
From: wood@itd.nrl.navy.mil
Message-ID: <wood-0310061221450001@jbw-mac.itd.nrl.navy.mil>
Source record: 51704

In article <L_tUg.19085$Ij.5646@newssvr14.news.prodigy.com>, Cecil Moore
<mycall@hotmail.com> wrote:

>
> The problem that EZNEC has with this antenna, as I understand it,
> is that the same pair of parallel wires has common-mode current
> in them on some frequencies resulting in a high VF and differential
> mode current in them on other frequencies resulting in a low VF. I
> don't know how to model changing VF's with EZNEC without changing
> the physical length of the wires as frequency is changed.

Hello, Ian, and I guess I don't see how this is a problem provided you
have described the antenna geometry correctly and have chosen the
appropriate number of segments at the evaluation frequencies of interest.
Velocity factor and other electromagnetic phenomena are implicit in the
solution for the current distribution on the structure. Now, if
dielectric material is distributed in the structure that does complicate
things a bit. Can you point me to some further info on the antenna in
question? I trust this is not another one of those situations where there
is an attempt by vendors to "reinterpret" Maxwell's equations (or explain
things that Maxwell "left out").

I would encourage frequent users of NEC to subscribe to the mailing list
at nec-list@robomod.net. Lots of practical discussion there IMHO.
Sincerely,

John Wood (Code 5550) e-mail: wood@itd.nrl.navy.mil
Naval Research Laboratory
4555 Overlook Avenue, SW
Washington, DC 20375-5337

231. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 16:29:01 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <hdwUg.17460$GY5.15638@bignews6.bellsouth.net>
Source record: 51705

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:KttUg.19076$Ij.11896@newssvr14.news.prodigy.com...
> Ian White GM3SEK wrote:
>> The modeling challenge is that the ribbon operates in two different modes
>> at the same time: a radiating common mode with a velocity factor of say
>> 0.95; and a non-radiating "stub" mode with a VF of about 0.8. The problem
>> is to model both modes simultaneously, for the whole string of stubs,
>> without changing the physical dimensions of the real antenna. I'm not
>> sure if NEC can do this, but maybe Roy can comment?
>
> Thanks Ian, for the spelling and for jogging my memory on the
> subject. I believe you have hit the nail on the head. EZNEC
> apparently cannot "model both modes simultaneously".
> --
> 73, Cecil http://www.w5dxp.com

232. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 16:38:48 UTC
From: richardharrison@webtv.net
Message-ID: <14053-45229218-1042@storefull-3258.bay.webtv.net>
Source record: 51707

Yuri, K3BU wrote:
"All I am pointing out that based on mine and other`s experience,
rhombic is a great antenna,---."

Agreed. I worked for an oil company on Tierra del Fuego. We frequently had no contact with our office in Buenos Aires. I put up a rhombic driven by a 20-watt Hallicrafters transmitter surplus from our Bolivian operations. They had upgraded to Collins 30-K5 transmtters there.

The Argentine Post Office used a surplus 300-watt BC-610 into a dipole near our camp. When I called the same station in Buenos Aires used by the Post Office, they at first would not believe that I was as far away as Tierra del Fuego.

Best regards, Richard Harrison, KB5WZI

233. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 16:42:00 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <7i35i21n364np2sar6m281nkggg2vb2vlf@4ax.com>
Source record: 51706

On Tue, 3 Oct 2006 13:33:21 +0100, Ian White GM3SEK
<gm3sek@ifwtech.co.uk> wrote:

>The missing part
>is the velocity factor of the twin-lead when acting as a stub, which
>means that the electrical length of the stub is different from the
>physical length. Which of those two lengths would you use in the NEC
>model?
>
Hi Ian,

This is simply a veiled expectation for EZNEC not being able to model
the "special attributes" of the antenna.

>The answer is easy for a single-band model; but it's not so easy to
>create one NEC model that will be valid for all the bands this antenna
>is designed to cover.

The answer is even easier than that. The Lattin antenna has a basic
rationale behind it that does not demand two different lengths: stub
tuning which is an electrical quality (not physical). What acts like
a stub, acts like a stub for any wire mesh modeling a stub. The
Lattin antenna does not exhibit this action to any correlation to
frequencies attributed to it. It is THAT simple. Appeals to physical
size relate only to the far field radiation characteristic. Even here
the Lattin is noted for being un-notable.

You don't need to worry about velocity factor, or dielectrics when the
basic rationale calls it a stub and it doesn't work as a stub for bare
wire. The Franklin antenna employs some of the same geometries and
nowhere makes a desperate grab for theoretical underpinnings called
stubs. Yet the Franklin delivers as promised if or when you add
dielectrics. The Franklin's simple distribution of currents (which
works for every antenna) works without having stray wires tacked on
like Irish Pennants. There are more apologists for this design than
working Lattins flying their tuning wires (in their notorious
disregard for the rationale of the design).

The fact of the matter is that modeling lays bear the myth.

73's
Richard Clark, KB7QHC

234. Re: Solder to Aluminum?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 16:47:26 UTC
From: "Helmut Wabnig"
Message-ID: <c055i25gcm8m3kjqdf45e8bm3vtr4ops84@4ax.com>
Source record: 51708

On Mon, 02 Oct 2006 23:03:33 GMT, "Lawrence Earl"
<n7jvf@earthlink.net> wrote:

>The problem with soldering to aluminum is that the aluminum oxidixes before
>it gets hot enough for the solder to stick. The trick is to puddle the
>solder on the aluminum, them using a stanless brush or something the solder
>won't stick to, brush the aluminum under the hot solder. That way the air
>can't get ot it to oxidize it. The solder will tin it and stick fine. I have
>been doing this since 1948.
>
Thanks, will try soon.
w.

235. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 16:56:32 UTC
From: Gene Fuller <W4SZzzzzzz@att.net>
Message-ID: <4DwUg.18668$QZ1.2821@bgtnsc04-news.ops.worldnet.att.net>
Source record: 51709

Cecil Moore wrote:
> Gene Fuller wrote:
>> You may have taken the first step along the path to enlightenment. It
>> has been explained previously on RRAA that interference is a result,
>> not a cause.
>
> Of course, the Big Bang is the cause of everything,
> but what caused the Big Bang?
>
> When one says A causes B which causes C which causes
> D, etc., it is not false to say C causes D. There may
> be a long line of causes and effects. One step's cause
> is the previous step's effect. Interference causes
> visible interference rings in a light experiment. And
> of course, interference is just one event in a long
> line of cause and effect. Without interference, there
> would be no interference rings. Without beams of light,
> there would be no interference. Without a Big Bang,
> there would be no light.
>
> In a line of events, interference is an event that has
> a cause and has an effect.

Cecil,

You just proved the point perfectly. I did not say that interference is imaginary or that it is not a useful description. I said that interference is not a primary tool for achieving detailed numerical solutions. It is a result from such calculations.

Now put your hands down, solve the real equations, and stop all that mumbo-jumbo about canceling waves and reversing momentum.

8-)

73,
Gene
W4SZ

236. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 17:06:57 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <2m55i29ctvv6p6euhvp8rsrqh38bhlnhec@4ax.com>
Source record: 51710

On Tue, 03 Oct 2006 16:56:32 GMT, Gene Fuller <W4SZzzzzzz@att.net>
wrote:

>reversing momentum

Imagine the G forces of that for an infinitesmal 1/10ï¿½ï¿½ second or so.

237. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 17:07:52 UTC
From: richardharrison@webtv.net
Message-ID: <14054-452298E8-205@storefull-3258.bay.webtv.net>
Source record: 51713

Sorry I mis-spoke in my story about Tierra del Fuego. The power into the rhombic and dipole was about the same. Despite the size difference between a Hallicrafters HT-20, and the military surplus BC-610, both put out about 100 watts on AM.

Best regards, Richard Harrison, KB5WZI

238. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 17:09:38 UTC
From: You <You@shadow.orgs>
Message-ID: <You-001EF2.09093703102006@netnews.worldnet.att.net>
Source record: 51711

In article <YPvUg.7034$TV3.2225@newssvr21.news.prodigy.com>,
Cecil Moore <mycall@hotmail.com> wrote:

> Jimmie D wrote:
> > Back in the 70s a friend and I put up a rhombic antenna in a pecan orchard
> > on 11M. If I remember correctly each leg was about 8 wl long.
>
> Isn't that an illegal antenna on 11m? :-)

Not back in the 70's........

239. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 17:14:00 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <sTwUg.7059$TV3.6864@newssvr21.news.prodigy.com>
Source record: 51712

Richard Clark wrote:
> You don't need to worry about velocity factor, or dielectrics when the
> basic rationale calls it a stub and it doesn't work as a stub for bare
> wire.

Consider a folded dipole made from Wireman #562. The radiating
part of the antenna has a VF of 0.95 and the feedline has a
VF of 0.8. Identical wires with 19% different VFs. How does
EZNEC handle that?
--
73, Cecil http://www.w5dxp.com

240. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 17:20:35 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <30tkVnhjvpIFFAqp@ifwtech.co.uk>
Source record: 51715

Last things first - I just read John's later posting, and rescued this message from the out-tray. I hope this message will supply the extra detail you need, John.

Just one final thing:
>I trust this is not another one of those situations where there is an
>attempt by vendors to "reinterpret" Maxwell's equations (or explain
>things that Maxwell "left out").

Oh no. On that topic, I am an ironclad hardliner!

If you remember where we came in, Roy was mentioning a few types of antennas that it is acknowledged cannot be modeled with NEC-based programs. Cecil then inquired if the Lattin was one of those... and, subject to correction, I think it may be (if you require one model that covers all frequencies).

But every one of this small number of exceptions is for a clear and understandable reason, so they don't change the big picture, which is that "almost" all types of wire/rod antennas CAN be modeled accurately by NEC. If anyone thinks NEC doesn't work for their own pet antenna, the burden of proving that is entirely on them.

We now hand you back to the original reply...

J. B. Wood wrote:
>In article <AURpdMSRilIFFAPE@ifwtech.co.uk>, Ian White GM3SEK
><gm3sek@ifwtech.co.uk> wrote:
>
>> That isn't a complete model of this particular antenna. The missing part
>> is the velocity factor of the twin-lead when acting as a stub, which
>> means that the electrical length of the stub is different from the
>> physical length. Which of those two lengths would you use in the NEC
>> model?
>>
>> The answer is easy for a single-band model; but it's not so easy to
>> create one NEC model that will be valid for all the bands this antenna
>> is designed to cover.
>
>Hello, Ian. You would use the physical length for all wires that are
>interconnected and/or separated by free space. After all, that's what
>we're trying to model.

Certainly... but most of this antenna consists of pairs of parallel wires that are physically interconnected, but are *not* separated by free space - the wires that are part of the twin-lead.

>You still must decide how many electrically-small
>segments would constitute, say, a 1 foot length of conductor. The higher
>the frequency, the more segments you will need. If transmission line is
>to be connected between segments, NEC has tools for doing that. BTW, my
>experience is with LLNL's NEC-4 (FORTRAN-77 source code) rather than the
>commercially-available packages. Sincerely,

Sorry, that model still wouldn't work (unless I've misunderstood the principle of this antenna).

The whole point of modeling a multiband antenna is to get one model that is good for all its operating frequencies. That allows us to check that the SWR dips at all the right places, and to find out what's really happening in the supposedly "non-operative" parts of the antenna.

AIUI, the central part of the Lattin antenna is a half-wave dipole at the highest operating frequency - call it 30MHz, so the wavelength is a nice round number, 10.0m. Outside each end of this 5m long dipole is a quarter-wave stub made of twin-lead. These stubs are resonant at 30MHz, so they cut off the rest of the antenna (much like a trap) leaving just the central half-wave dipole as the only functional part at of the antenna.

The normal differential-mode velocity factor of the twin-lead applies to this stub, so its correct physical length is not a quarter-wavelength (2.5m) but about 0.8*2.5m = 2.0m.

Moving to the next lower operating frequency, there will be another pair of quarter-wave resonant stubs isolating the ends of a half-wave resonant dipole. But part of the physical length of this longer dipole is the 30MHz stub. If you model it at its true physical length of 2.0m, this will be correct for the lower frequency, but if you ignore the differential-mode velocity factor, the stub won't be resonant at 30MHz any more.

So the question remains: how can we model this "simplest" case of a two-band Lattin antenna, in a way that will be accurate at both frequencies? If we can solve that one, then extending it to the full 5-band Lattin should be child's play :-)

--
73 from Ian GM3SEK
http://www.ifwtech.co.uk/g3sek

241. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 17:21:48 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <M_wUg.7061$TV3.1506@newssvr21.news.prodigy.com>
Source record: 51714

Gene Fuller wrote:
> Now put your hands down, solve the real equations, ...

Do you mean the mashed-potatoes energy equations where
the wave energy components are completely ignored? That's
how some arrived at such strange unreal concepts in
the first place. When one assumes that standing waves
have an existence separate from the necessary components
of the standing wave, one loses touch with reality. There
should be a rehab clinic for sufferers of the mashed
potatoes steady-state addiction.
--
73, Cecil http://www.w5dxp.com

242. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 17:29:34 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1159896574.157439.103060@m73g2000cwd.googlegroups.com>
Source record: 51716

> Do you mean the mashed-potatoes energy equations where
> the wave energy components are completely ignored?

Calling the steady state solution "mashed-potatoes" is ridiculous. All other terms besides the steady-state ones have left the picture in the steady state. This is true of the waves, their amplitudes, the energy in the line, everything. That's what makes steady-state analysis useful... you can do it and be right.

If you want to know what happens during the transient, you MUST start from the original differential equation that describes how the fields were set up in the line in the first place, but it doesn't matter in the steady state. The answer is the same. If you start with the full, time dependent equations for turning the source on into some line, whatever it is that happens with the power and where it goes will become clear from the transient solution, which I know you haven't worked out. Neither have I.

I don't want to have to do it but one of these days I think it might be necessary.

This is not a problem that will be solved in with Logic and English, Cecil. There is no argument if you start with a full , time dependent mathematical description of the waves. That is what will answer the question "Where Does the Power Go" You'll end up with a time dependent Poynting vector that will tell you. I hypothesize, for no particularly good reason, that such a description will lead to the excess power having been delivered to the load through the interaction of the transient solutions on the line.

- - - - - -

Copied and pasted from the rest of my post at eHam:

In a matched line, none of us would disagree that the power flux out of one end of the line is the power flux into the other end.

>From what I understand, the electromagnetic energy contained in that line is related to the Poynting vector. The integral of the Poynting vector over the cross sectional area of the line gives you the time averaged power flowing in the line. The power flows at the group velocity of the waves in the line, for normal transmission lines, this is somewhere between 0.6 - 1.0 times the speed of light.

The power flow divided by the group velocity gives you the energy density per unit length in the line.

The power flow is the Poynting vector integrated over the cross sectional area of the line.

The Poynting vector in a mismatched line has been worked out by me, here, and I'd appreciate comments on the MATH.

http://en.wikipedia.org/wiki/User:Dan_Zimmerman/Sandbox

My claim is that that's it. That's all. No handwaving, no setting up steady state startup and claiming that that energy remains in the line. The real part of the Poynting vector represents real power flux and the imaginary part represents reactive power flux. To get the energy that exists in the line you just add it all up...

Take the real part, divide it by the propagation velocity on the line, integrate it over the area of the line (I think for TEM, the fields are uniform and so multiplying by the area of the line is sufficient)

This gives you the energy density per unit length for the power that's flowing from source to load. Integrate that over the length of the line. Set aside.

Take the imaginary part, do the same thing. This gives you the energy contained in the line of the reactive, circulating power. Add in the previously calculated energy of the flowing power, and you're done.

Am I wrong, Cecil et. al? If so, Cecil, could you please write down the description mathematically or get someone to help you out, and could you please look at and check my math?

I started with the assumption that there are two counterpropagating waves with some arbitrary electric field amplitudes and an arbitrary phase relationship. I didn't use anything about Thevenin. I didn't use anything about virtual open circuits.

The forward and reverse waves have been included, from the beginning. They're both there.

When the SWR is 1:1, there is no energy in the line associated with reactive stored power. None at all. The reflection coefficient is zero, and all energy in the line is associated with flowing power.

When the SWR is infinite, there is no energy in the line associated with flowing power. None at all. The reflection coefficient is 1, and all energy in the line is associated with circulating power (reactance only, as you would expect from a stub)

Dan

243. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 17:32:09 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <t8xUg.7067$TV3.3588@newssvr21.news.prodigy.com>
Source record: 51717

Richard Clark wrote:
> Gene Fuller <W4SZzzzzzz@att.net> wrote:
>
>> reversing momentum
>
> Imagine the G forces of that for an infinitesmal 1/10ï¿½ï¿½ second or so.

The pressure of such a momentum change can be calculated.
From "Optics", by Hecht, 4th edition, page 57:
"When the surface under illumination is *perfectly
reflecting*, the beam that entered with a velocity
of +c will emerge with a velocity of -c. This
corresponds to twice the change in momentum that
occurs on absorption, and hence,"

Pressure of a absorbed wave = S(t)/c

Pressure of a reflected wave = 2*S(t)/c
--
73, Cecil http://www.w5dxp.com

244. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 17:35:46 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <SbxUg.7068$TV3.5765@newssvr21.news.prodigy.com>
Source record: 51718

Ian White GM3SEK wrote:
> So the question remains: how can we model this "simplest" case of a
> two-band Lattin antenna, in a way that will be accurate at both
> frequencies?

A different model for each band that takes the varying
VFs into account?
--
73, Cecil http://www.w5dxp.com

245. Re: Optimising a G5RV

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 17:38:00 UTC
From: Walter Maxwell <walt@w2du.com>
Message-ID: <rp75i2daq9jm85gsn1katvg1b1s5l1q70f@4ax.com>
Source record: 51719

>
>Denny, as I just now looked SSE from my southern window I discovered a
>near-field radiation from a OCF dipole, IDing with K8DO call sign. On looking up
>that call I learned why that signal is in the near-fleld zone--it's only 26
>miles away in the direction of light travel from my window. If K8DO was using a
>balanced G5RV the signal would have evaporated before reaching Mt. Pleasant.
>Ever hear of that town? Open yer NW window and yell, I'll hear 'ya.
>
>Walt, W2DU

OK Denny, so I couldn't hear ya when ya yelled out yer window, so let's try
another approach. Keep yer NW window open an let a little smoke from an
overheated transformer winding escape, an I'll be able to see it. Let's let a
little ancient type of QSO begin here, OK?

Walt, W2DU

246. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 17:47:58 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <efu7ue$lv6$1@news.service.uci.edu>
Source record: 51720

Cecil Moore wrote:
> Richard Clark wrote:
>
>> Gene Fuller <W4SZzzzzzz@att.net> wrote:
>>
>>> reversing momentum
>>
>>
>> Imagine the G forces of that for an infinitesmal 1/10ï¿½ï¿½ second or so.
>
>
> The pressure of such a momentum change can be calculated.
> From "Optics", by Hecht, 4th edition, page 57:
> "When the surface under illumination is *perfectly
> reflecting*, the beam that entered with a velocity
> of +c will emerge with a velocity of -c. This
> corresponds to twice the change in momentum that
> occurs on absorption, and hence,"
>
> Pressure of a absorbed wave = S(t)/c
>
> Pressure of a reflected wave = 2*S(t)/c

I'll bet the reason no one can measure the radiation pressure
resulting from your "4th mechanism of reflection" is because it
cancels out with the radiation pressure from the cancelled reflection
in the other direction. Right, Cecil? :-)

73, Jim, AC6XG

247. Re: ROBBY THE SNOT NOSED FRUIT

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 18:04:20 UTC
From: Gavrielah@mail2mrright.com
Message-ID: <1159898660.784820.96260@i42g2000cwa.googlegroups.com>
Source record: 51721
Cross-posted to: rec.radio.amateur.antenna,alt.usenet.kooks,rec.radio.amateur.policy,alt.west-virginia,alt.sex.gay

slow_code_bitch_boi@yahoo.com wrote:
> Now thats a hunk of meat!

ROBBY YOU LITTLE FRUIT!

GET OUT OF MY GROUP.....I MAY LET YOU BACK WHEN YOU'VE GROWN UP.

248. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 18:09:23 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <13BUVkiTdqIFFAbK@ifwtech.co.uk>
Source record: 51577

```
Cecil Moore wrote:
>Ian White GM3SEK wrote:
>> So the question remains: how can we model this "simplest" case of a
>>two-band Lattin antenna, in a way that will be accurate at both
>>frequencies?
>
>A different model for each band that takes the varying
>VFs into account?

That would be two part-models that don't join up to make a complete one.

--
73 from Ian GM3SEK
http://www.ifwtech.co.uk/g3sek
```

249. forgin woger the kook

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 18:10:25 UTC
From: "kb9rqz-2@hotmail.com" <kb9rqz-2@hotmail.com>
Message-ID: <1159899025.912651.132660@i42g2000cwa.googlegroups.com>
Source record: 51722
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.west-virginia,alt.sex.gay

Gavrie...@mail2mrright.com wrote:
>
forgin woger the kook

250. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 18:13:54 UTC
From: Mark@kb9rqz.net
Message-ID: <72a5i25p3pi3s771r8cfc8qh7jolensqr2@4ax.com>
Source record: 51723
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

```
On Mon, 02 Oct 2006 13:00:35 -0700, Don Bowey <dbowey@comcast.net>
wrote:

>On 9/29/06 6:09 PM, in article
>1159578572.919684.114020@i3g2000cwc.googlegroups.com, "an old freind"
><kb9rqz@hotmail.com> wrote:
>
>>
>> Cecil Moore wrote:
>>> Dave wrote:
>>>> NO! I can't have a QSO with a no-code ham.
>>>> They can't copy CW!!! So, No QSO!
>>>
>>> So you wouldn't respond to a Mayday and save a life?
>>> Nice guy.
>>> --
>>> 73, Cecil http://www.w5dxp.com
>> the procoders are more interested in their idleogy than lives always
>> have been it seems
>>
>
>Ditto for you clever fellow too.
not ata ll I would even truse CW to save a live if the unlikely
ocourance presented itself
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com
```

251. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 18:14:18 UTC
From: Mark@kb9rqz.net
Message-ID: <b3a5i29hvkgtb4bfk9ji15pe7rl2pmni6r@4ax.com>
Source record: 51724
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Sun, 01 Oct 2006 22:38:34 GMT, Slow Code <my.mail@no.spam> wrote:

>Mark@kb9rqz.net wrote in news:oq20i2dos2vd3g787bk3psh8sig2tv40qe@4ax.com:
>

>And you're not even a Real ham.
no I am a real ham you are not
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

252. i punce in aigain

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 18:19:14 UTC
From: Mark Morgan <kb9rqz@blumpkin.net>
Message-ID: <45229ccc$0$19611$88260bb3@free.teranews.com>
Source record: 51725
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

ok I back four anoter tuff day on the news grupes it my job tis waht I do
so
bringit on you loosers

show-na-to-va (that is the greeting for this time of year as a JEW
rendered phonicticaly)
happy new years it means and it can be better one if Wismen Robson and
SC a few just decided to not to be as hateful

with the punce gotcha he wonders why I simple don't bother to ty
impoving my spelling do u hav anyting cognet two say?

my blog
http://www.marksspamblog.blogspot.com/

>

--
Posted via a free Usenet account from http://www.teranews.com

253. Re: my dad an me pics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 18:19:50 UTC
From: Mark Morgan <kb9rqz@blumpkin.net>
Message-ID: <45229d04$0$19715$88260bb3@free.teranews.com>
Source record: 51576
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.scanner,alt.ham-radio.vhf-uhf

dad
http://home.mchsi.com/~north1959/professorblumpkin.jpg

and now me.....
http://i10.tinypic.com/29ygohw.jpg

we morgan are hamson mens

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>>

with the punce gotcha he wonders why I simple don't bother to ty
impoving my spelling do u hav anyting cognet two say?

my blog
http://www.marksspamblog.blogspot.com/

>
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>
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>

--
Posted via a free Usenet account from http://www.teranews.com

254. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 18:25:11 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <66a5i29i5biebierq7kinphpptpcq2ml2c@4ax.com>
Source record: 51578

On Tue, 03 Oct 2006 10:47:58 -0700, Jim Kelley <jwkelley@uci.edu>
wrote:

>> Pressure of a reflected wave = 2*S(t)/c
>
>I'll bet the reason no one can measure the radiation pressure
>resulting from your "4th mechanism of reflection" is because it
>cancels out with the radiation pressure from the cancelled reflection
>in the other direction. Right, Cecil? :-)

Hi Jim,

Who needs reasoning when a Xeroxed formula, like a "4th mechanism of
reflection," is simpler to cut and paste than actually offer a
practical answer to? This is akin to his sophomoric allusion to
anti-glare coating yet again (yawn), he couldn't work the math on that
one anywhere closer than pi = 22/7.

Soon we will be down the path of 66% allowable error to prove a
concept.

73's
Richard Clark, KB7QHC

255. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 18:29:52 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <A_xUg.9420$e66.691@newssvr13.news.prodigy.com>
Source record: 51579

Jim Kelley wrote:
> I'll bet the reason no one can measure the radiation pressure resulting
> from your "4th mechanism of reflection" is because it cancels out with
> the radiation pressure from the cancelled reflection in the other
> direction. Right, Cecil? :-)

There is certainly radiation pressure pushing outward
from a 1/4WL thin-film non-reflecting surface even
though the reflected waves cancel each other.
--
73, Cecil http://www.w5dxp.com

256. Re: See, I told you RRAP is peaceful when KB9RQZ is away.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 18:31:49 UTC
From: Mark@kb9rqz.net
Message-ID: <94b5i25j1uoabdq80cd89ed3epmbmd0195@4ax.com>
Source record: 51580
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

On Mon, 02 Oct 2006 23:26:36 GMT, Slow Code <my.mail@no.spam> wrote:

>Now if we can just get rid of the Beer Enema brigade, Woger, Stevie,
>Lloydie, Billy Smith, and Toad, these groups can get back to being radio
>groups again and we can talk about how to employ CW to save ham radio,
>because I know we all agree CW is what will save it.
get smoe threapy SC
>
>Catch you on the bands unless you're a No-code ham, then I won't
>because I don't do CB.
>
>Tnx, 73
>de Slow Code
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

257. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 18:31:50 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <jqa5i2hfgf9kq4ttbfs3nd9b0cf75q0avq@4ax.com>
Source record: 51581

On 2 Oct 2006 11:11:40 -0700, "Denny" <k8do@mailblocks.com> wrote:

>Assume that we put a 1 second squirt at the rate of 100 Joules per
>second, into the input end of the line, it is an open line at the far
>end, and yank the input end of the line out of the transmitter at
>exactly 1 second... Now we have a lossless line with a wave going
>forward and a reflected wave coming back... Do you still claim 200
>joules?

Hi Denny,

A question of my own:
Did you really expect your question above wouldn't be dodged?

I suppose not. Anyway, your observations revealed Cecil's usual lack
of rigor. You certainly know how to step back while he juggles
un-pinned hand grenades.

73's
Richard Clark, KB7QHC

258. forgin woger the kook

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 18:33:57 UTC
From: an old freind <kb9rqz-2@hotmail.com>
Message-ID: <1159900437.726031.96050@h48g2000cwc.googlegroups.com>
Source record: 51582
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Mark Morgan wrote:
>
forgin woger the kook

259. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 18:34:17 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <J2yUg.9424$e66.4790@newssvr13.news.prodigy.com>
Source record: 51583

Richard Clark wrote:
> Who needs reasoning when a Xeroxed formula, like a "4th mechanism of
> reflection," is simpler to cut and paste than actually offer a
> practical answer to? This is akin to his sophomoric allusion to
> anti-glare coating yet again (yawn), he couldn't work the math on that
> one anywhere closer than pi = 22/7.

Richard, I wasn't the one who, through superposition of powers,
came up with an irradiance brighter than the surface of the sun
at the non-reflective surface interface. Did you ever figure
out that superposing powers is a no-no?
--
73, Cecil http://www.w5dxp.com

260. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 18:36:22 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <2cb5i25bj9up759f9bs1pgbnk8tqif3s77@4ax.com>
Source record: 51584

On Tue, 03 Oct 2006 17:14:00 GMT, Cecil Moore <mycall@hotmail.com>
wrote:
>How does EZNEC handle that?
Try using the excellent online help manual.

261. forgin woger the kook

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 18:39:01 UTC
From: "kb9rqz-2@hotmail.com" <kb9rqz-2@hotmail.com>
Message-ID: <1159900741.806902.239510@m73g2000cwd.googlegroups.com>
Source record: 51585
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.scanner,alt.ham-radio.vhf-uhf

Mark Morgan wrote:
>
forgin woger the kook

262. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 18:51:32 UTC
From: N7ZZT - Eric Oyen <n7zzt@127.0.0.1>
Message-ID: <1659389.bbJX2KShKe@www.usenetzone.com>
Source record: 51586
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

kb9rqz_child_molester@yahoo.com wrote:

>> well, Dyslexia often affects the interconnection of the visual processing
>> centers with that of visual pattern recognition. I know, I have that
>> problem myself.
>
> You have more problems than that, dumbass!
what other problems I may, or may not, have is not up for public discussion
by or for you.

and while we are on the subject, what about your ongoing (and very public)
problems?

eh dumbass (it takes one to know one)?

263. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 19:02:34 UTC
From: Gene Fuller <W4SZzzzzzz@att.net>
Message-ID: <etyUg.19079$QZ1.14217@bgtnsc04-news.ops.worldnet.att.net>
Source record: 51587

Cecil Moore wrote:
>
> There is certainly radiation pressure pushing outward
> from a 1/4WL thin-film non-reflecting surface even
> though the reflected waves cancel each other.

Cecil,

Radiation pressure without waves?

Isn't that the sort of thing that started the Boston Tea Party?

8-)

73,
Gene
W4SZ

264. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 19:03:34 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <5ib5i2ltfbsi63k4our591ahqmo2214h4t@4ax.com>
Source record: 51588

OK, so we've established you don't know the G forces for changed
momentum, only how to sniff toner at the Xerox.

On Tue, 03 Oct 2006 18:34:17 GMT, Cecil Moore <mycall@hotmail.com>
wrote:

>Richard, I wasn't the one who, through superposition of powers,
Yes, you did have a problem translating power to energy and back. I
could offer any number of common scenarios that would have you gasping
for air:
There is a common bare light bulb 1 meter away;
it illuminates a cmï¿½ target with 3ï¿½W @ 55nM of POWER;

what is:
the number of candela per steradians,
at the target,
from total bandwidth radiation?
or:
How much power is being supplied to the bulb?

>came up with an irradiance brighter than the surface of the sun
>at the non-reflective surface interface.

No, true to your form, you rounded errors and fudged numbers to prove
light was black.

In that regard I will offer you a third choice question from above:
Can you see this amount of light on the target?
(choose this one, you might guess it right - it doesn't demand any
math skill.)

:-0

265. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 19:04:28 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12i5d1u4k9h8oba@corp.supernews.com>
Source record: 51589

If made from twinlead with insulation between the conductors (e.g., window line or 300 ohm flat or tubular TV twinlead), NEC based programs can't model it exactly in a straightforward fashion for the same reason it can't model patch antennas on a substrate -- the program can't account for the effect of the dielectric between the conductors.

The two modes Ian speaks of can be separated by separating the two currents into common and differential modes(*). The common mode current is the source of all the radiation. It propagates as Ian says at a relatively high velocity factor. This mode is modeled quite well with EZNEC or NEC-4's insulated wire feature.

The differential mode current doesn't cause radiation. Its velocity factor is determined by the dielectric between the wires, and NEC-based programs don't have any way to account for the field modification which the dielectric causes to bring this about. That's where the shortcoming is.

The net result is that the radiating properties of the stubs can be accurately modeled, but their length which determines the "trapping" or loading characteristics would be off. Of course, such an antenna made from air-insulated twinlead could be modeled easily.

I've successfully modeled a folded dipole made with TV twinlead by physically separating it into common mode and differential mode structures. The common mode portion is a simple dipole, with diameter equal to the effective diameter of the two conductors in parallel, and with wire insulation. Then across the feedpoint I put non-radiating transmission line models to model the differential mode transmission line stubs. The lengths of these took into account the twinlead velocity factor, and their impedances were 1/4 the impedance of the real stubs because of the transforming property of the structure. The result was a good model, provided that the feedpoint impedance was multiplied by 4.

A first look indicates that this approach wouldn't be practical with the Lattin, because it would require large jumps in effective wire diameter as you go along the antenna, which NEC doesn't handle well.

What you really need is a way to increase the differential mode length of each of the stubs without impacting the common mode length. A few quick sketches indicate that it just might be possible to insert a transmission line model (which has no physical length or common mode radiation) in series with a stub, which would accomplish the goal if its length were made to equal the difference between electrical and physical length of the real stub. But I don't have time to pursue it. Anyone interested in doing so should begin with a single stub and carefully observe its characteristics.

Whenever modeling close spaced parallel wires with NEC-based programs,
it's vital that the segment junctions be aligned on the wires. There's
more information about this in the EZNEC manual (available also with the
demo program). Look in the index under "Parallel Wires".

(*) Modeling programs don't treat the modes separately. But separating
them makes it easier to explain and understand what causes the problems.

Roy Lewallen, W7EL

Ian White GM3SEK wrote:
> Cecil Moore wrote:
>> Roy Lewallen wrote:
>>> But most often when you see an antenna inventor or seller claim that
>>> his antenna "can't be modeled" by NEC, EZNEC, or other programs, it
>>> just means that modeling fails to show the extraordinary performance
>>> he claims for it. That's simply a failure of the program to include
>>> the effects of magical properties and wishful thinking in its
>>> calculations. I've come to regard such claims as a red flag
>>> indicating a probable exaggeration of antenna performance.
>>
>> I wish I could remember the correct spelling for the antenna
>> I tried to model. Something like "Lentine". It is a dipole
>> of sorts made from shorted and open sections of balanced
>> transmission line. I tried modeling it with wires in EZNEC
>> and got all sorts of errors. It looked something like this:
>>
>> +--------+--------+--------FP--------+--------+--------+
>> +------ +------ +------ ------+ ------+ ------+
>>
>> Anyone remember the correct spelling for that antenna?
>
> Google for "Lattin antenna". (Too many "lentils", Cecil :-)
>
> One of the first hits is http://www.g3ycc.karoo.net/lattin.htm which
> shows a good sketch. The antenna is made from sections of 300-ohm ribbon
> or tubular feeder, configured as a string of quarter-wave stubs that
> progressively make the dipole shorter as the frequency increases.
>
> The modeling challenge is that the ribbon operates in two different
> modes at the same time: a radiating common mode with a velocity factor
> of say 0.95; and a non-radiating "stub" mode with a VF of about 0.8. The
> problem is to model both modes simultaneously, for the whole string of
> stubs, without changing the physical dimensions of the real antenna. I'm
> not sure if NEC can do this, but maybe Roy can comment?
>
>

266. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 19:09:07 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12i5dak11t0eib5@corp.supernews.com>
Source record: 51590

Ian White GM3SEK wrote:
> . . .
> What is undeniably true is that it *looked* spectacular! I've used many
> kinds of antennas since then, up to an 85ft dish, but not one of them
> has given me the same buzz as that rhombic. And there is the trap: buzz
> isn't the same thing as performance.
> . . .

As always, Ian put his finger directly on a fundamental principle.

The problem with modeling programs is that they don't model the buzz.

Roy Lewallen, W7EL

267. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 19:13:26 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <qDyUg.19132$lj.19123@newssvr14.news.prodigy.com>
Source record: 51591

Gene Fuller wrote:
> Cecil Moore wrote:
>> There is certainly radiation pressure pushing outward
>> from a 1/4WL thin-film non-reflecting surface even
>> though the reflected waves cancel each other.
>
> Radiation pressure without waves?

Please don't deliberately obfuscate things, Gene.

There are no reflected waves on the outside of the
thin-film and therefore no reflected wave pressure
from the outside.

All the reflected waves are on the inside of the
thin-film outer plane. That's why the reflected wave
pressure is pushing outwards.

The pressure is where the waves are. There's no
wave pressure without waves.
--
73, Cecil http://www.w5dxp.com

268. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 19:17:21 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12i5dq2d4259638@corp.supernews.com>
Source record: 51592

Yuri Blanarovich wrote:
> . . .
> Spacing two antennas few wavelengths can give us diversity effect by the
> virtue of propagation and waves hitting them differently. Rhombic is kind of
> antenna/feeders spread out over few wavelengths over ground. Perhaps there
> is also some of traveling wave mode going on, like in a Beverage. You can't
> simulate that . . .

NEC-based modeling programs don't have any problem simulating a Beverage
and its traveling wave operation -- they do quite well at it.
MININEC-based programs, no longer in wide use, weren't able to because
of the use of perfect ground during impedance and current calculations.

Roy Lewallen, W7EL

269. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 19:30:42 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <CTyUg.19133$lj.18776@newssvr14.news.prodigy.com>
Source record: 51593

n3ox.dan@gmail.com wrote:
>> Do you mean the mashed-potatoes energy equations where
>> the wave energy components are completely ignored?
>
> Calling the steady state solution "mashed-potatoes" is ridiculous.

I'm not calling the solutions ridiculous. I am calling some
of the conceptual conclusions ridiculous. For instance, since
the *net* Poynting vector equals delivered source watts, there
are zero watts in the reflected wave even though there are
joules in the reflected wave moving at the speed of light.

> If you want to know what happens during the transient, you MUST start
> from the original differential equation that describes how the fields
> were set up in the line in the first place, but it doesn't matter in
> the steady state. The answer is the same.

Not according to some of the gurus posting here. The joules
supplied during the initial transient state are being swept
under the steady-state rug. Witness "Food For Thought #1"
on www.eznec.com

> I don't want to have to do it but one of these days I think it might be
> necessary.

What you will find is that there is exactly the energy in the
transmission line required to support the real speed-of-light
forward traveling wave and the real speed-of-light reflected
traveling wave - no more and no less. The argument that there
is no more energy in a transmission line with reflections than
is being supplied by the source is simply false.

> The Poynting vector in a mismatched line has been worked out by me,
> here, and I'd appreciate comments on the MATH.
>
> http://en.wikipedia.org/wiki/User:Dan_Zimmerman/Sandbox

What about the forward Poynting vector, Pz+, and the reflected
Poynting vector, Pz-. Reference page 291, "Fields and Waves ...",
Ramo and Whinnery, 2nd edition?

> My claim is that that's it. That's all. No handwaving, no setting up
> steady state startup and claiming that that energy remains in the line.
> The real part of the Poynting vector represents real power flux and
> the imaginary part represents reactive power flux. To get the energy
> that exists in the line you just add it all up...

The forward wave's average Poynting vector is real. The reflected wave's average Poynting vector is real. Adding two real power flow vectors is a lot easier than integrating a power flow vector with real and imaginary parts. And, bottom line, one obtains exactly the same results with 10% of the work. Subtract the reverse Poynting vector from the forward Poynting vector to determine the net power. Add the two Poynting vectors and multiply by the length in seconds of the feedline to determine the total energy. What could be simpler?

> Am I wrong, Cecil et. al?

No, you are correct but you are going around the world to get from California to New York. My method, supported by Ramo and Whinnery, can be done in much less time and can be more easily understood by people not familiar with your method. By the time you get out your calculator, I can have your answer waiting for you and it will be the same answer you get after wasting a lot of time.

> When the SWR is infinite, there is no energy in the line associated
> with flowing power. None at all. The reflection coefficient is 1, and
> all energy in the line is associated with circulating power (reactance
> only, as you would expect from a stub)

You are, of course, talking about *net* "flowing" power. But your answer is exactly the same as component forward power in real joules/sec plus component reflected power in real joules/sec. And thinking in terms of those real component powers is a lot easier than your imaginary stuff.

Pz+ - Pz- = Pz-tot sourced and delivered

(Pz+ + Pz-)* feedline length in seconds = total feedline energy

There is also a physics problem with the imaginary concept. EM wave energy must necessarily move at the speed of light. A small amount of TV modulation will prove that those forward and reflected waves are still moving end to end at the speed of light and still transferring information.
--
73, Cecil http://www.w5dxp.com

270. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 19:33:28 UTC
From: Gene Fuller <W4SZzzzzzz@att.net>
Message-ID: <cWyUg.182902$QM6.88375@bgtnsc05-news.ops.worldnet.att.net>
Source record: 51594

```
Cecil Moore wrote:
> Gene Fuller wrote:
>> Cecil Moore wrote:
>>> There is certainly radiation pressure pushing outward
>>> from a 1/4WL thin-film non-reflecting surface even
>>> though the reflected waves cancel each other.
>>
>> Radiation pressure without waves?
>
> Please don't deliberately obfuscate things, Gene.
>
> There are no reflected waves on the outside of the
> thin-film and therefore no reflected wave pressure
> from the outside.
>
> All the reflected waves are on the inside of the
> thin-film outer plane. That's why the reflected wave
> pressure is pushing outwards.
>
> The pressure is where the waves are. There's no
> wave pressure without waves.

Cecil,

Sorry, I guess my closing was not clear. Try this.

8-) 8-) 8-) 8-) 8-) 8-) 8-) 8-)
8-) 8-) 8-) 8-) 8-) 8-) 8-) 8-)

73,
Gene
W4SZ
```

271. Re: My Dick is a quarter wave on 144 Mhz

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 19:50:28 UTC
From: Jerry Francis <jerryf@eiko-ltd.com>
Message-ID: <Xns98519728EF6ECeikolighting@81.174.50.80>
Source record: 51595
Cross-posted to: rec.radio.amateur.antenna,alt.usenet.kooks,rec.radio.amateur.policy,alt.west-virginia,alt.sex.gay

marqueer@mail2world.com wrote in news:1159663368.993099.302110
@i42g2000cwa.googlegroups.com:

Hey, let's keep it clean here. No need for this type of material.

272. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 20:14:30 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <GwzUg.19135$lj.16520@newssvr14.news.prodigy.com>
Source record: 51596

Gene Fuller wrote:
> Sorry, I guess my closing was not clear. Try this.
>
> 8-) 8-) 8-) 8-) 8-) 8-) 8-) 8-)
> 8-) 8-) 8-) 8-) 8-) 8-) 8-) 8-)

Sorry, I thought your happy face was a localized
variable.
--
73, Cecil http://www.w5dxp.com

273. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 20:33:26 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <sah5i2tv1nfcl4outtgpq5dtn87l194082@4ax.com>
Source record: 51597

Hi All,

Even armed with college texts on optics, Cecil hasn't got a whisper of
a chance in actually answering a direct question such as has been
posed below. A Xerox is not, after all, a calculator (nor does it
impart knowledge). As such, I will offer direct answers and let it go
at that.

On Tue, 03 Oct 2006 12:03:34 -0700, Richard Clark <kb7qhc@comcast.net>
wrote:

> There is a common bare light bulb 1 meter away;
> it illuminates a cmï¿½ target with 3ï¿½W @ 55nM of POWER;
>
>what is:
> the number of candela per steradians,
> at the target,
> from total bandwidth radiation?

5

>or:
> How much power is being supplied to the bulb?

100W

> Can you see this amount of light on the target?

Depending upon the infirmities claimed: none to some.

Aside: only 0.7% as bright as the sun, in the tropics, at noon, on an
equinox.

73's
Richard Clark, KB7QHC

274. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 20:36:07 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <efuhpq$t72$1@news.service.uci.edu>
Source record: 51598

Cecil Moore wrote:
> Jim Kelley wrote:
>
>> I'll bet the reason no one can measure the radiation pressure
>> resulting from your "4th mechanism of reflection" is because it
>> cancels out with the radiation pressure from the cancelled reflection
>> in the other direction. Right, Cecil? :-)
>
>
> There is certainly radiation pressure pushing outward
> from a 1/4WL thin-film non-reflecting surface even
> though the reflected waves cancel each other.

Actually I agree, but it's all from ordinary reflections, rather than
from backscattered interference or anything else from the 'square root
of negative one' axis.

73, ac6xg

275. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 20:45:42 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <ffi5i21t94qcs055v5l8mv5pnrvaqtd942@4ax.com>
Source record: 51599

On Tue, 03 Oct 2006 13:33:26 -0700, Richard Clark <kb7qhc@comcast.net>
wrote:

>Aside: only 0.7% as bright as the sun, in the tropics, at noon, on an
>equinox.

Also given that Cecil cannot compute the radiation pressure, the
answer with respect to the question offered in the thread above is:
3.2 pico Newtons
or
3.2 nano gï¿½m/sï¿½

Dare I ask the G forces again?

276. Re: Solder to Aluminum?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 20:58:49 UTC
From: Jim - NN7K <NN7K@NOWAY.NET>
Message-ID: <daAUg.1382$NE6.1358@newssvr11.news.prodigy.com>
Source record: 51600

Have to agree-- aluminium oxidizes almost
immediatly, when burnished, and as mentioned
the trick is to get the solder to the aluminum,
before it re-oxidizes . As an aside, the silvery
powder in a firecracker IS powdered aluminium,
which gives an idea of how FAST the stuff oxidizes
(burn, in this situation)! Jim NN7K

Helmut Wabnig wrote:
> On Mon, 02 Oct 2006 23:03:33 GMT, "Lawrence Earl"
> <n7jvf@earthlink.net> wrote:
>
>> The problem with soldering to aluminum is that the aluminum oxidixes before
>> it gets hot enough for the solder to stick. The trick is to puddle the
>> solder on the aluminum, them using a stanless brush or something the solder
>> won't stick to, brush the aluminum under the hot solder. That way the air
>> can't get ot it to oxidize it. The solder will tin it and stick fine. I have
>> been doing this since 1948.
>>
> Thanks, will try soon.
> w.

277. Re: GAP resonance shift

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 21:00:14 UTC
From: K&#65533;HB <groupk0hb@earthlink.net>
Message-ID: <ybAUg.4631$Y24.1331@newsread4.news.pas.earthlink.net>
Source record: 51601

"K&#65533;HB" <groupk0hb@earthlink.net> wrote in message
news:xcgQg.14165$bM.4814@newsread4.news.pas.earthlink.net...
>I have a GAP Voyageur-DX vertical (160, 80, 40, 20M) which has recently shifted
>its' resonance points.
>
> 160 now resonant at 1990kHz, previously at 1825
> 80 now resonant at 3980, previously at 3725
> 40 not resonant in band, previously at 7100
> 20 now resonant at 13775, previously at 14150
>
> The antenna is physically solid, all wires are OK and properly attached, the
> three counterpoise wires are intact and connected. I have changed out the
> capacitor buried at the top with no change in symptoms.
>
> Any suggestions?
>

Turned out that under power the center conductor of the matching network
embedded in the top main section of the antenna migrated through the dilectric
and shorted to the sleeve, thus making the lower and mid matching rods "hot",
and effectively changing the antenna from a vertical loaded dipole to a random
length vertical ground plane.

73, de Hans, K0HB

278. FS:Hustler 2 Mtr Colinear G7-144 Base Antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 21:04:33 UTC
From: Jerry <REMOVETHISjerryrsnbg@hotmail.com>
Message-ID: <20k5i2d67dtk2d8fu2btlp71an22eko79d@4ax.com>
Source record: 51602

This is a Hustler Colinear Two Meter Fixed Station Antenna Model G7-144 in fine condition for $80. This was the premier two meter antenna and probably still is with it's phenomenal gain. It has been in my garage for a good number of years after being up for a short period of time. Except for a touch of rust on a couple of the clamps, the antenna is super clean. I can send pictures showing this and a scan of the original docs if desired.

Having to disassemble the antenna for shipping is too much of a problem for me at this time (I'm 75). Consequently, I am offering it for sale under the market value. I'm located in Westfield, NJ, just five minutes off exit 135 of the Garden State Parkway

Please don't hesitate to email if any questions. WA2GFO, REMOVETHISjerryrsnbg@hotmail.com

279. FS:Hustler 2 Mtr Base Colinear G7-144 Ant

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 21:13:14 UTC
From: Jerry <REMOVETHISjerryrsnbg@hotmail.com>
Message-ID: <1gk5i2liebimcpvrkm097nmp12g5c1u2b1@4ax.com>
Source record: 51603

This is a Hustler Colinear Two Meter Fixed Station Antenna Model G7-144 in fine condition for $100. This was the premier two meter antenna and probably still is with it's phenomenal gain. It has been in my garage for a good number of years after being up for a short period of time. Except for a touch of rust on a couple of the clamps, the antenna is super clean. I can send pictures showing this and a scan of the original docs if desired.

Having to disassemble the antenna for shipping is too much of a problem for me at this time (I'm 75). Consequently, I am offering it for sale under the market value. I'm located in Westfield, NJ, just five minutes off exit 135 of the Garden State Parkway

Please don't hesitate to email if any questions. WA2GFO, REMOVETHISjerryrsnbg@hotmail.com

280. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 21:46:13 UTC
From: "J.B. Wood" <john.wood@nrl.navy.mil>
Message-ID: <4522DA25.1030103@nrl.navy.mil>
Source record: 51604

Ian White GM3SEK wrote:

> Certainly... but most of this antenna consists of pairs of parallel
> wires that are physically interconnected, but are *not* separated by
> free space - the wires that are part of the twin-lead.
>
>> You still must decide how many electrically-small
>> segments would constitute, say, a 1 foot length of conductor. The higher
>> the frequency, the more segments you will need. If transmission line is
>> to be connected between segments, NEC has tools for doing that. BTW, my
>> experience is with LLNL's NEC-4 (FORTRAN-77 source code) rather than the
>> commercially-available packages. Sincerely,
>
> Sorry, that model still wouldn't work (unless I've misunderstood the
> principle of this antenna).
>
> The whole point of modeling a multiband antenna is to get one model that
> is good for all its operating frequencies. That allows us to check that
> the SWR dips at all the right places, and to find out what's really
> happening in the supposedly "non-operative" parts of the antenna.
>
> AIUI, the central part of the Lattin antenna is a half-wave dipole at
> the highest operating frequency - call it 30MHz, so the wavelength is a
> nice round number, 10.0m. Outside each end of this 5m long dipole is a
> quarter-wave stub made of twin-lead. These stubs are resonant at 30MHz,
> so they cut off the rest of the antenna (much like a trap) leaving just
> the central half-wave dipole as the only functional part at of the antenna.

> The normal differential-mode velocity factor of the twin-lead applies to
> this stub, so its correct physical length is not a quarter-wavelength
> (2.5m) but about 0.8*2.5m = 2.0m.
>
> Moving to the next lower operating frequency, there will be another pair
> of quarter-wave resonant stubs isolating the ends of a half-wave
> resonant dipole. But part of the physical length of this longer dipole
> is the 30MHz stub. If you model it at its true physical length of 2.0m,
> this will be correct for the lower frequency, but if you ignore the
> differential-mode velocity factor, the stub won't be resonant at 30MHz
> any more.
>
> So the question remains: how can we model this "simplest" case of a
> two-band Lattin antenna, in a way that will be accurate at both
> frequencies? If we can solve that one, then extending it to the full
> 5-band Lattin should be child's play :-)

Hello, Ian and I think the problem here is with the dielectric in the transmission line. As I said earlier, the presence of dielectric material in the structure does complicate things. NEC AFAIK was never intended to handle this situation. I wouldn't say that NEC couldn't model this antenna but it would be a challenge. And as you point out a NEC wire model of this antenna not accounting for dielectric effects would be incomplete at a given frequency. I have never tried to model an antenna with NEC that included dielectric material nested between wires. Sincerely,

281. forgin woger the kook

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 21:47:55 UTC
From: an old friend <kb9rqz@hotmail.com>
Message-ID: <1159912075.555549.251820@k70g2000cwa.googlegroups.com>
Source record: 51605

Jerry Francis wrote:
> marqueer@mail2world.com wrote in news:1159663368.993099.302110
> @i42g2000cwa.googlegroups.com:
>
>
> Hey, let's keep it clean here. No need for this type of material.
it is all he can post

282. forger

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 22:13:59 UTC
From: Mark@kb9rqz.net
Message-ID: <s4o5i2hg5pvhqdkabrospm6qvi62kk7hqr@4ax.com>
Source record: 51608
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Tue, 3 Oct 2006 14:19:14 -0400, "Mark Morgan" <kb9rqz@blumpkin.net>
wrote:
frger
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

283. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 22:15:57 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <lln5i29luks8n6fohavj3eb7qiec6sdkn8@4ax.com>
Source record: 51606

On Tue, 03 Oct 2006 17:46:13 -0400, "J.B. Wood"
<john.wood@nrl.navy.mil> wrote:

>I have never tried to model
>an antenna with NEC that included dielectric material nested between
>wires.

Hi John,

EZNEC has the capacity to model wires with insulation. I presume that is a legacy of NEC, but I will await tutoring on that point from other posters. Carry that a bit further, it has at least "some" capacity to model wires with material nested between them. After all, the difference is in degree, not in concept, and the degree is hardly remarkable. When I observe common window line, it is not all that different from two insulated wires. Further, there is nothing remarkably different to the degree that the Lattin analysis is so entirely thrown off as to be wholly useless. For that matter, I haven't observed any postings here on any Lattin analysis other than my own. If this all hinges on TV type twin lead, then too much credit is being given to too little plastic.

73's
Richard Clark, KB7QHC

284. forger

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 22:17:33 UTC
From: Mark@kb9rqz.net
Message-ID: <k1o5i2pjg63u0k48gm1ged38d6nnm8jodf@4ax.com>
Source record: 51607
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.scanner,alt.ham-radio.vhf-uhf

On Tue, 3 Oct 2006 14:19:50 -0400, "Mark Morgan" <kb9rqz@blumpkin.net>
wrote:

fugring woger on the loose
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

285. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 22:33:25 UTC
From: Dave Oldridge <doldridg@leavethisoutshaw.ca>
Message-ID: <Xns98519E99777F5doldridgsprintca@64.59.135.159>
Source record: 51609

Ian White GM3SEK <gm3sek@ifwtech.co.uk> wrote in news:bVv
$9DJpKiIFFA9D@ifwtech.co.uk:

> Alan Peake wrote:
>>
>>
>>Dave Oldridge wrote:
>>
>>> Properly designed, they have a good reputation for doing what the
>>> theory says they will do. Just remember, though, that you're going to
>>> have to sewer almost half your transmitted power into the terminating
>>> resistor. But that's the half that would be going the wrong way,
>>> basically.
>>>
>>But it would get there - eventually :) Long or short path. But I don't
>>know if both paths are ever open at the same time to the same extent.
>>If not, then it may not be a problem. What about running a transmission
>>line from where the terminating R would be, back to the feed point?
>>Assuming you can match it all that is.
>
> No problem. Pipe the signal back from the far end into the shack, feed
> it into a circulator, and add it to the outgoing signal. Cecil will
> explain what happens to the power :-)
>
>
> Replying to Yuri's point: from personal experience of using a rhombic
> 100 wavelengths long for 2m moonbounce, it had only about the same
> maximum gain as a box of 4 mid-size yagis - and that is only while the
> moon is passing through the very narrow main beam, which only happens
> for a magic 20 minutes on certain days of the month.
>
> In other words, the rhombic did work, but the performance was nowhere
> near as spectacular as we had expected from its huge electrical length.
>
> What is undeniably true is that it *looked* spectacular! I've used many
> kinds of antennas since then, up to an 85ft dish, but not one of them
> has given me the same buzz as that rhombic. And there is the trap: buzz
> isn't the same thing as performance.
>
> We need to be very careful about applying dual standards. An
unavoidable
> feature of all very long rhombics is that the main beam is very narrow,
> because the edges of the main lobe are sliced away by large numbers of
> sidelobes that are not many dB down. If we saw that kind of E-plane

> pattern in a yagi, we wouldn't hesitate to call it a "bad design"... so
> what's "good" about the same feature in a rhombic?

Yes, they are much better as HF point-to-point antennas than they are as general purpose. For that kind of service, you can pick your height and rhombic size to specifically service the one path.

--
Dave Oldridge+
ICQ 1800667

286. Re: Attic Antennas and Foil Backed Barriers

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 22:42:24 UTC
From: ml <m@di.net>
Message-ID: <m-21A675.18422003102006@news.verizon.net>
Source record: 51610

In article <yM8Ug.13601$QZ1.13487@bgtnsc04-news.ops.worldnet.att.net>,
Gene Fuller <W4SZzzzzzz@att.net> wrote:

> Roy Lewallen wrote:
> > fgra

maybee you can somehow use the foil to your adv, assuming that just
hooking up your dipole dosn't work right

maybe a upsidedown vert using the foil as a gp you could attach the
foils together w/a jumper wire

or perhaps even tune the foil up as the antenna

prob not an ideal design but you knever no

287. Re: true connector(s) losses?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 22:46:25 UTC
From: ml <m@di.net>
Message-ID: <m-C8BE7A.18462603102006@news.verizon.net>
Source record: 51611

In article <efo0st$1ar$1@emma.aioe.org>, "Jeff" <jeff@local.host>
wrote:

> > Both are 90 degree elbows- from my measurements the ones that have a
> > square block of metal at the elbow were fine. The ones that looked like a
> > 90 degree plumbing sweep had bad return loss. This may vary from mfg to
> > mfg, but Al Ward W5LUA who has had experience up through 24GHz agrees.
> > Perhaps I'll get time and inclination to mill one of the sweep styles open
> > and see what's up.
> > Dale W4OP
>
>
> This is a very strange result, the non 90 degree elbow ones, normally
> referred to as "swept radius" are intended to reduce the step
> discontinuities that the a 90 elbow type introduce. They are usually used at
> microwave frequencies where these discontinuities are more apparent.
>
> 73
> Jeff

yeah now that i had a chance to check some manuf spec's seems the
losses they post for the regular rt angles looking like 2 pipe pieces
mitered and the 'square' ones seem to have same loss .1 etc 11gig

and are <less ten bucks

the swep ones i saw were rated to 18gig wow and like 150bucks loss
and swr were about the same but from the very high end atten was
best

obv i don't have any first hand exp so i am not disagreeing

i know when i've had the chance to test connectors in the past
sometimes you did get some really dissapointing results

m

288. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 23:16:02 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <4522ef0a$0$6155$39cecf19@news.twtelecom.net>
Source record: 51612

Ian White GM3SEK wrote:

> Cecil Moore wrote:
>
>> Roy Lewallen wrote:
>>
>>> But most often when you see an antenna inventor or seller claim that
>>> his antenna "can't be modeled" by NEC, EZNEC, or other programs, it
>>> just means that modeling fails to show the extraordinary performance
>>> he claims for it. That's simply a failure of the program to include
>>> the effects of magical properties and wishful thinking in its
>>> calculations. I've come to regard such claims as a red flag
>>> indicating a probable exaggeration of antenna performance.
>>
>>
>> I wish I could remember the correct spelling for the antenna
>> I tried to model. Something like "Lentine". It is a dipole
>> of sorts made from shorted and open sections of balanced
>> transmission line. I tried modeling it with wires in EZNEC
>> and got all sorts of errors. It looked something like this:
>>
>> +--------+--------+--------FP--------+--------+--------+
>> +------ +------ +------ ------+ ------+ ------+
>>
>> Anyone remember the correct spelling for that antenna?
>
>
> Google for "Lattin antenna". (Too many "lentils", Cecil :-)
>
> One of the first hits is http://www.g3ycc.karoo.net/lattin.htm which
> shows a good sketch. The antenna is made from sections of 300-ohm ribbon
> or tubular feeder, configured as a string of quarter-wave stubs that
> progressively make the dipole shorter as the frequency increases.
>
> The modeling challenge is that the ribbon operates in two different
> modes at the same time: a radiating common mode with a velocity factor
> of say 0.95; and a non-radiating "stub" mode with a VF of about 0.8. The
> problem is to model both modes simultaneously, for the whole string of
> stubs, without changing the physical dimensions of the real antenna. I'm
> not sure if NEC can do this, but maybe Roy can comment?
>
>

I built one of these, and it didn't seem to actually resonate very
sharply anywhere. It certainly did not work as advertised.

I ended up with a lot of ladder line pieces to make 2m J poles with
though, so not a great loss.

Anyone need a J pole?

tom
K0TAR

289. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-03 23:41:51 UTC
From: Tom Donaly <dtdonaly@sbcglobal.net>
Message-ID: <3zCUg.19172$lj.8298@newssvr14.news.prodigy.com>
Source record: 51613

n3ox.dan@gmail.com wrote:
>>Do you mean the mashed-potatoes energy equations where
>>the wave energy components are completely ignored?
>
>
> Calling the steady state solution "mashed-potatoes" is ridiculous. All
> other terms besides the steady-state ones have left the picture in the
> steady state. This is true of the waves, their amplitudes, the energy
> in the line, everything. That's what makes steady-state analysis
> useful... you can do it and be right.
>
> If you want to know what happens during the transient, you MUST start
> from the original differential equation that describes how the fields
> were set up in the line in the first place, but it doesn't matter in
> the steady state. The answer is the same. If you start with the full,
> time dependent equations for turning the source on into some line,
> whatever it is that happens with the power and where it goes will
> become clear from the transient solution, which I know you haven't
> worked out. Neither have I.
>
> I don't want to have to do it but one of these days I think it might be
> necessary.
>
> This is not a problem that will be solved in with Logic and English,
> Cecil. There is no argument if you start with a full , time dependent
> mathematical description of the waves. That is what will answer the
> question "Where Does the Power Go" You'll end up with a time dependent
> Poynting vector that will tell you. I hypothesize, for no particularly
> good reason, that such a description will lead to the excess power
> having been delivered to the load through the interaction of the
> transient solutions on the line.
>
> - - - - - -
>
> Copied and pasted from the rest of my post at eHam:
>
> In a matched line, none of us would disagree that the power flux out of
> one end of the line is the power flux into the other end.
>
>>From what I understand, the electromagnetic energy contained in that
> line is related to the Poynting vector. The integral of the Poynting
> vector over the cross sectional area of the line gives you the time
> averaged power flowing in the line. The power flows at the group
> velocity of the waves in the line, for normal transmission lines, this

> is somewhere between 0.6 - 1.0 times the speed of light.
>
> The power flow divided by the group velocity gives you the energy
> density per unit length in the line.
>
> The power flow is the Poynting vector integrated over the cross
> sectional area of the line.
>
> The Poynting vector in a mismatched line has been worked out by me,
> here, and I'd appreciate comments on the MATH.
>
> http://en.wikipedia.org/wiki/User:Dan_Zimmerman/Sandbox
>
> My claim is that that's it. That's all. No handwaving, no setting up
> steady state startup and claiming that that energy remains in the line.
> The real part of the Poynting vector represents real power flux and
> the imaginary part represents reactive power flux. To get the energy
> that exists in the line you just add it all up...
>
> Take the real part, divide it by the propagation velocity on the line,
> integrate it over the area of the line (I think for TEM, the fields
> are uniform and so multiplying by the area of the line is sufficient)
>
> This gives you the energy density per unit length for the power that's
> flowing from source to load. Integrate that over the length of the
> line. Set aside.
>
> Take the imaginary part, do the same thing. This gives you the energy
> contained in the line of the reactive, circulating power. Add in the
> previously calculated energy of the flowing power, and you're done.
>
> Am I wrong, Cecil et. al? If so, Cecil, could you please write down
> the description mathematically or get someone to help you out, and
> could you please look at and check my math?
>
> I started with the assumption that there are two counterpropagating
> waves with some arbitrary electric field amplitudes and an arbitrary
> phase relationship. I didn't use anything about Thevenin. I didn't
> use anything about virtual open circuits.
>
> The forward and reverse waves have been included, from the beginning.
> They're both there.
>
> When the SWR is 1:1, there is no energy in the line associated with
> reactive stored power. None at all. The reflection coefficient is
> zero, and all energy in the line is associated with flowing power.
>
> When the SWR is infinite, there is no energy in the line associated
> with flowing power. None at all. The reflection coefficient is 1, and
> all energy in the line is associated with circulating power (reactance

> only, as you would expect from a stub)
>
>
> Dan
>

Don't expect much math from Cecil. He always neglects the phase
difference of the reflected wave, and won't do the algebra, no matter
what.
73,
Tom Donaly, KA6RUH

290. Re: Attic Antennas and Foil Backed Barriers

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 00:04:26 UTC
From: Irv Finkleman <finkirv@shaw.ca>
Message-ID: <4522FA92.B0E819D8@shaw.ca>
Source record: 51614

In almost fifty years of hamming I never had an antenna
that was anywhere near ideal. For many years I couldn't measure let alone
spell SWR! I tied the wire onto the output of the pi-network and
never considered antenna tuners. I thought the cold water pipe was great and all
I needed. My antennas were too high, too low, or tilted the
wrong way. Most were bent around corners, and resembled
the fractal. Propagation let me think that if I got the signal into
the air it would bounce around till I made a contact. If I heard
someone I could usually work them. The RF burns were thrilling, and
told me that I had output! I fired my arrows into
the air and never ceased having fun. Ignorance was bliss. If
I'd known much about antenna theory I'd still be working on the plans
instead of on the air!

Irv VE6BP

"R. Scott" wrote:
>
> "Irv Finkleman" <finkirv@shaw.ca> wrote in message
> news:4521A359.2E8E9FBC@shaw.ca...
> > You won't know until you try. A 20m dipole should be easy enough to
> > get into any attic, and give it a shot. You might be pleasantly
> > surprised, and that odds that you'll be terribly disappointed are
> > pretty small.
> >
> > Irv VE6BP
>
> I've used lots of Dipoles in weird places and have gotten contacts. In low
> sunspot its not much
> but your still communicating. I used an Inverted L next to a apt building
> from my 2nd floor apartment
> and worked the world (High Sunspot time) :D. Remember, beams were not
> really in big use until the 40s.
> Even then it took a while for it to catch on.
>
> Scotty W7PSK.

--

Visit my HomePage at http://members.shaw.ca/finkirv/index.html
Visit my Baby Sofia website at http://members.shaw.ca/finkirv4/index.htm
Visit my OLDTIMERS website at http://members.shaw.ca/finkirv5/index.htm
---
Irv Finkleman,
Grampa/Ex-Navy/Old Fart/Ham Radio VE6BP

Calgary, Alberta, Canada

291. Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 00:17:24 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <o4DUg.6585$o71.1878@newsread3.news.pas.earthlink.net>
Source record: 51615
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

If we raise the CW speed to 20 WPM for all classes including the Tech class, hams will tend to study the theory more while they build up their code skill and they will understand the theory better and won't need to ask silly questions. So increasing the speed requirement will get us better & smarter hams.

Lazy people that don't want to learn anything will stay on CB and die in shoot-outs with each other in shopping mall parking lots which will help clean up the CB band. To me it looks like a Win Win situation. What do you think?

SC

292. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 00:27:03 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <rdDUg.13040$7I1.10471@newssvr27.news.prodigy.net>
Source record: 51616

Jim Kelley wrote:
> Actually I agree, but it's all from ordinary reflections, rather than
> from backscattered interference or anything else from the 'square root
> of negative one' axis.

Jim, the reflected energy and momentum changes direction.
Walter Maxwell calls it a virtual short or open with a
virtual reflection coefficient of 1.0. I agree with "Optics",
by Hecht, that it is total destructive interference in the
source direction accompanied by total constructive interference
in the load direction. What do you call it? What reflection
coefficient does your reflected wave see? Please give it a
name.
--
73, Cecil http://www.w5dxp.com

293. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 00:32:17 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <liDUg.13042$7I1.12022@newssvr27.news.prodigy.net>
Source record: 51617

Richard Clark wrote:
> Even armed with college texts on optics, Cecil hasn't got a whisper of
> a chance in actually answering a direct question such as has been
> posed below.

Actually, I figure someone who superposes power to the
extent that non-reflective glass is brighter than the
surface of the sun doesn't know enough to ask a decent
question.
--
73, Cecil http://www.w5dxp.com

294. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 00:33:14 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12i60ac76jeudc4@corp.supernews.com>
Source record: 51618

Richard Clark wrote:
>
> EZNEC has the capacity to model wires with insulation. I presume that
> is a legacy of NEC, but I will await tutoring on that point from other
> posters.

Although it's a feature of NEC-4, it's not part of NEC-2. The insulated wire capability of EZNEC was developed independently from other sources.

> Carry that a bit further, it has at least "some" capacity to
> model wires with material nested between them. After all, the
> difference is in degree, not in concept, and the degree is hardly
> remarkable.

No, they're different things. The insulated wire feature slightly modifies the field from a wire, and is valid only for thin insulating layers. Insulation between conductors has a considerably larger effect on the field and consequent coupling between them. Adding insulation to a parallel wire line gives you a model of something like an air-insulated ladder line made with insulated wire.

> When I observe common window line, it is not all that
> different from two insulated wires.

It's enough to drop the differential mode velocity factor down to somewhere around 0.91 - 0.95 (from various sources - I haven't measured any), which indeed isn't very different from the common mode velocity factor of insulated wire. Whether or not the difference is significant depends on the application.

> Further, there is nothing
> remarkably different to the degree that the Lattin analysis is so
> entirely thrown off as to be wholly useless. For that matter, I
> haven't observed any postings here on any Lattin analysis other than
> my own. If this all hinges on TV type twin lead, then too much credit
> is being given to too little plastic.

You could probably make a model with EZNEC which would be fairly close, then manually adjust it to optimize performance. A real antenna would have similar performance if optimized for the type of line it's constructed from, although the final dimensions would be a bit different.

Roy Lewallen, W7EL

295. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 00:36:07 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <XIDUg.13043$7I1.9534@newssvr27.news.prodigy.net>
Source record: 51619

Tom Donaly wrote:
> Don't expect much math from Cecil. He always neglects the phase
> difference of the reflected wave, and won't do the algebra, no matter
> what.

Simply not true, Tom. For a Z0-match, the phase is always
zero or 180 degrees. Only addition or subtraction is
ever required at a Z0-match. I've got the answer while
you guys are still trying to figure out the cosine of
zero degrees. :-)
--
73, Cecil http://www.w5dxp.com

296. Re: Attic Antennas and Foil Backed Barriers

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 00:37:43 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <rnDUg.13045$7I1.9761@newssvr27.news.prodigy.net>
Source record: 51620

Irv Finkleman wrote:
> In almost fifty years of hamming I never had an antenna
> that was anywhere near ideal.

If my first 40m dipole wasn't ideal, I didn't know it. :-)
That was the best antenna, ever.
--
73, Cecil http://www.w5dxp.com

297. Re: Attic Antennas and Foil Backed Barriers

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 00:38:11 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12i60jkihjejrf2@corp.supernews.com>
Source record: 51621

Irv Finkleman wrote:
> In almost fifty years of hamming I never had an antenna
> that was anywhere near ideal. For many years I couldn't measure let alone
> spell SWR! I tied the wire onto the output of the pi-network and
> never considered antenna tuners. I thought the cold water pipe was great and all
> I needed. My antennas were too high, too low, or tilted the
> wrong way. Most were bent around corners, and resembled
> the fractal. Propagation let me think that if I got the signal into
> the air it would bounce around till I made a contact. If I heard
> someone I could usually work them. The RF burns were thrilling, and
> told me that I had output! I fired my arrows into
> the air and never ceased having fun. Ignorance was bliss. If
> I'd known much about antenna theory I'd still be working on the plans
> instead of on the air!
>
> Irv VE6BP

I guess the intended lesson here is that only by staying ignorant of antenna theory will you ever be able to actually build an antenna and communicate with someone.

Sorry to hear it.

Roy Lewallen, W7EL

298. Re: My Dick is a quarter wave on 144 Mhz

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 00:44:35 UTC
From: The Demon Prince of Absurdity <absurd_number_of_nicks@hell.corn>
Message-ID: <pan.2006.10.04.00.44.32.271693@hell.corn>
Source record: 51622
Cross-posted to: rec.radio.amateur.antenna,alt.usenet.kooks,rec.radio.amateur.policy,alt.west-virginia,alt.sex.gay

On Tue, 03 Oct 2006 19:50:28 +0000, Jerry Francis did the cha-cha, and
screamed:
> marqueer@mail2world.com wrote:
>
> Hey, let's keep it clean here. No need for this type of material.

You're addressing a leading contender for the September 2006 Joseph
Bartlo Pathetic Anal Pineapple. In what benighted universe do you
suppose your chastisement of Wabbit might conceivably have any effect
whatsoever?

--

____
Hail Eris! TM#5; COOSN-029-06-71069
Cardinal Snarky of the Fannish Inquisition
http://www6.kingdomofloathing.com/login.php
http://www.runescape.com/
No one expects the Fannish Inquisition!
http://groups.yahoo.com/group/Cabal_of_the_Holy_Pretzel/join
"Etymology:
Argumentum ad Septicus : argument to putrefaction. Derived from Septicum
Argumentum : putrefaction of argument.

"Septic \Sep"tic\, Septical \Sep"tic*al\
a. [L. septicus to make putrid: cf. F. septique.]
Having power to promote putrefaction. Of or relating to or
caused by putrefaction." -- Kadaitcha Man, indirectly to
Donald "Skeptic"/"Septic" Alford, in MID: <a3svh.djj.19.1@news.alt.net>

"I never fail to be amazing" -- Looney Maroon for September 2006 nominee
William Barwell's ego knows no bounds. MID:
12ggt3q3uti3t52@corp.supernews.com

"We are most nearly ourselves when we achieve the seriousness of the
child at play." -- Heraclitus

"And thats another mistake on your part. Your 'playing' games on usenet,
and I'm not playing...It has nothing to do with impressing you, it has
more to do with making sure you have the education you'll need to debate.
The debate is no fun for me if you are mentally incapable of it. I'm
giving you an opportunity to educate yourself. That's all." -- A trashy
former virus-writer turned Outer Filth doesn't know if he's playing or
working, in MID: <1159389579.179851.33970@e3g2000cwe.googlegroups.com>

299. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 00:55:28 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <0j16i2p0c4mum4975krk645a0ced6toagi@4ax.com>
Source record: 51623

On Wed, 04 Oct 2006 00:32:17 GMT, Cecil Moore <mycall@hotmail.com>
wrote:

>Richard Clark wrote:
>> Even armed with college texts on optics, Cecil hasn't got a whisper of
>> a chance in actually answering a direct question such as has been
>> posed below.
>
>Actually, I figure someone who superposes power to the
>extent that non-reflective glass is brighter than the
>surface of the sun doesn't know enough to ask a decent
>question.

Sounds like a lame answer from you given you cannot perform ANY of the
math.

300. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 01:11:42 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <1m16i25l2uojr2j2qjvanme680pa0vep05@4ax.com>
Source record: 51624

On Tue, 03 Oct 2006 17:33:14 -0700, Roy Lewallen <w7el@eznec.com>
wrote:

>
>No, they're different things. The insulated wire feature slightly
>modifies the field from a wire, and is valid only for thin insulating
>layers.

Hi Roy,

And insulated wire is different from wire insulated by window line
insulation?

>Insulation between conductors has a considerably larger effect
>on the field and consequent coupling between them.

? Insulated wire HAS insulation between conductors. Air certainly
qualifies to some degree, the insulation on the wire another.

>Adding insulation to
>a parallel wire line gives you a model of something like an
>air-insulated ladder line made with insulated wire.

That makes sense only in that it repeats the obvious. How is
insulated parallel wires (air-insulated ladder line made with
insulated wire) different from window line? Or twin lead? Except by
degree?

>> When I observe common window line, it is not all that
>> different from two insulated wires.
>
>It's enough to drop the differential mode velocity factor down to
>somewhere around 0.91 - 0.95 (from various sources - I haven't measured
>any), which indeed isn't very different from the common mode velocity
>factor of insulated wire. Whether or not the difference is significant
>depends on the application.

This is not a very compelling argument for how Lattins WORK (seeing as
most reports suggest they do not). It is not a very compelling
argument for very remarkable differences in where they do work
(however, few seem to be offered in that regard either).

Quite simply, velocity factors do not explain away the lack of
resonance ANYWHERE near the intended frequency. What you suggest is
percentages where actual performance misses the target, not just the
mark and as a multiband structure is so wildly useless as to be a
product of chaotic, random doodling.

>> Further, there is nothing
>> remarkably different to the degree that the Lattin analysis is so
>> entirely thrown off as to be wholly useless. For that matter, I
>> haven't observed any postings here on any Lattin analysis other than
>> my own. If this all hinges on TV type twin lead, then too much credit
>> is being given to too little plastic.
>
>You could probably make a model with EZNEC which would be fairly close,
>then manually adjust it to optimize performance. A real antenna would
>have similar performance if optimized for the type of line it's
>constructed from, although the final dimensions would be a bit different.

Having modeled more than a few Lattins (and there are so many as to
beg the definition), any claim to resonance associated with a stub
dimension FOR ANY "ELECTRICAL LENGTH" is a fantasy of the first order.

The inability to model a working Lattin has no basis in these
arguments about the shortfall of EZNEC/NEC insulation issues. The
antenna design fails quite abysmally for bare wire when designed to
the purported rationale of trapping by stub construction. To think
the design can be resurrected by unmodelable insulation tricks is
based on hope and charity.

73's
Richard Clark, KB7QHC

301. Re: Endfeed vertical halfvawe antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 02:12:06 UTC
From: JIMMIE <JIMMIEDEE123@YAHOO.COM>
Message-ID: <1159927926.370577.60670@h48g2000cwc.googlegroups.com>
Source record: 51625

Jeff Caird wrote:
> "J. Kragh" <jgkragh_remove_@mil.dk> wrote in
> news:450bed44$0$14008$edfadb0f@dread15.news.tele.dk:
>
> > Togethere wih a fellow amateur I am trying to design an endfeed
> > halfvawe vertical antenna for 50 MHz.
> >
> > We have encountered som problems regarding the impedance match in the
> > feedpoint. I have surveyed the ARRL Antenna Book and Antennebuch (a
> > German antenna book very popular in Europe). The properties of the
> > antenna and its impedance is well understood. The missing point is how
> > to realise the matching network
> >
> > In order to avoid reinventing the whee: Does anybody have some good
> > links to study practical realisations of the matching network?
> >
> > vy 73
> >
> > Joergen, OZ7TA
> >
> >
>
> An endfed halfwave has inductive reactance, ISTR. If you add another 1/8
> wave to it, you reverse the sign of the reactance, thereby allowing an
> inductance to tune out the reactance. Ground one end of the inductor and
> tap down with the coax center conductor for a 50 ohm match--Voila! A 5/8
> wave vertical!
>
> Jeff

I think the 5/8ths is much more practical on 50 than the 1/2
wavelength. You will find the matching unit much easier to build. The
down side is you have to have radials.

302. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 02:15:27 UTC
From: Opus- <jbuchy@shaw.ca>
Message-ID: <5966i2ls2g7fvvv267qantqcg3jh1dav9q@4ax.com>
Source record: 51626
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On 3 Oct 2006 04:39:27 -0700, "Andy the Perv Timberlake"
<andy_theperv_timberlake@yahoo.com> spake thusly:

<snip the usual stupidity>

<plonk>
--
Opus62@gmail.com
(Jim, single dad to Lesleigh [Autistic] 04/20/94)

"What, Me Worry?" A. E. Newman

Please note: All unsolicited e-mail sent to me may, at
my discretion, be posted in this newsgroup verbatim.

303. Re: If two no-code hams contact each other on CB, is that a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 02:15:31 UTC
From: Mark@kb9rqz.net
Message-ID: <t666i2lchoanoisv0gsr947s4magomrcio@4ax.com>
Source record: 51627
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Tue, 3 Oct 2006 10:27:37 -0500, "Smokey"
<nospamtelegraph@intergate.com> wrote:

>
>If any of the no coders had any balls they'd be asking the fcc for real
>testing and redevelop the hobby into what it used to be instead of the inane
>weekend contesting and buffoons sitting there are sideband comparing which
>rigs have the most features.
No reason for us to askk the FCC to redevolpe the ARS in any way I for
one certaionly don't want the govt in charge of such an effort

do you? if you do then I must conclude that code has truly rotten your
brain

try something safe like lsd
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

304. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 02:19:07 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <452319f2$0$1012$39cecf19@news.twtelecom.net>
Source record: 51628

Gene Fuller wrote:

> Yuri,
>
> I am a bit puzzled by your comment. Ducting and refraction received a
> lot of technical and mathematical study back at least to the mid-1930's.
> Terman's books show similar figures to those in your CQ article, and
> they give numerous technical references from the 1940's.
>
> You may have been ridiculed by the amateur radio community, but the pros
> accepted that sort of propagation explanation many decades earlier.
>
> 73,
> Gene
> W4SZ

Gene, anyone who has been here a while has learned that Yuri knows all,
and has discovered all, well except for that other guy. How could you
possibly say otherwise?

tom
K0TAR

305. slwo code advocates death to cber's poor sick fucker

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 03:17:20 UTC
From: Mark@kb9rqz.net
Message-ID: <ls96i25gtkaidg6kn1ulfvf4985bnigcbl@4ax.com>
Source record: 51629
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Wed, 04 Oct 2006 00:17:24 GMT, Slow Code <my.mail@no.spam> wrote:

>Lazy people that don't want to learn anything will stay on CB and die in
>shoot-outs with each other in shopping mall parking lots which will help
>clean up the CB band. To me it looks like a Win Win situation. What do
>you think?
I think you are one sick fuck sc
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

306. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 03:27:56 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <9TFUg.204$Yn2.186@newsfe10.lga>
Source record: 51630

As far as I can tell, Terman describes ducting and refraction relating to UHF. This was well known in VHF/UHF circles and I mention that in my article. What I tried to point out that this is also happening at the HF frequencies, down to 160m.

The closest thing would be Pedersen ray, but that seems to describe relatively short refraction in the layer.

All the literature I was familiar at that time showed distorted pictures of Earth and exaggerated height of layers and "bounces".

73 Yuri, K3BU

"Gene Fuller" <W4SZzzzzzz@att.net> wrote in message news:EQuUg.181208$QM6.16331@bgtnsc05-news.ops.worldnet.att.net...
> Yuri Blanarovich wrote:
>
> [snip]
>
>> I am just trying to bring attention to possible discrepancy that perhaps
>> is worth exploring. If some believe in gospel of modeling and paper
>> antennas, than enjoy it. I prefer reality. When I wrote my observations
>> about propagation happening by ducting and refraction some 25 years ago,
>> I was ridiculed. Now the propagation experts are accepting it and playing
>> discoverers (only ON4UN gives me some credit :-).
>>
>> Yuri, K3BU
>
> Yuri,
>
> I am a bit puzzled by your comment. Ducting and refraction received a lot
> of technical and mathematical study back at least to the mid-1930's.
> Terman's books show similar figures to those in your CQ article, and they
> give numerous technical references from the 1940's.
>
> You may have been ridiculed by the amateur radio community, but the pros
> accepted that sort of propagation explanation many decades earlier.
>
> 73,
> Gene
> W4SZ

307. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 03:34:42 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <vZFUg.205$Yn2.1@newsfe10.lga>
Source record: 51631

> Gene, anyone who has been here a while has learned that Yuri knows all,
> and has discovered all, well except for that other guy. How could you
> possibly say otherwise?
>
> tom
> K0TAR

If that is all you learned, I pity you.
I don't know many things, especially what is eating you.
I simply describe my experiences and express my opinions. You could do that too and argue technical points rather than spewing crap.
I think you might be confusing me with W8JI :-)

73 Yuri

308. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 03:47:07 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <89GUg.207$Yn2.60@newsfe10.lga>
Source record: 51632

I assumed that your VHF rhombic was perhaps high and maybe even rotatable.

I do not have measurements and evidence, just anecdotal evidence using one, hearing from other users and based on some comments on the subject and experiencing some discrepancies with modeling, just speculating that there is something to it. If all those who never used rhombic, but modeled its performance and are convinced that that's it, then I rest my case.

I will have chance to run some test and will report, if it doesn't annoy K0TAR.

73 Yuri, K3BU

"Ian White GM3SEK" <gm3sek@ifwtech.co.uk> wrote in message news:W72cmBbPnoIFFA+V@ifwtech.co.uk...
> Yuri Blanarovich wrote:
>>OK on Ian's rhombic experiences on V/UHF, but that I believe would be
>>different situation, I.e. rhombic not working in conjunction with ground
>>reflections/effects. With "normal" HF rhombic we have a situation where
>>antenna is spread out over few wavelengths and interacting with ground.
>>
> The same is true at VHF. All rhombics interact with ground, because their
> length is many times greater than their height above ground. The number of
> wavelengths above ground will change the details, but not the basic fact.
>
>>Spacing two antennas few wavelengths can give us diversity effect by the
>>virtue of propagation and waves hitting them differently. Rhombic is kind
>>of antenna/feeders spread out over few wavelengths over ground. Perhaps
>>there is also some of traveling wave mode going on, like in a Beverage.
>>You can't simulate that
>
> Are you quite sure of that? In other words, do you have firm evidence and
> reasons why?
>
>>or use VHF analogy being many wavelength away from the ground effects.
>
> That analogy was your assumption, never mine :-)
>
>
>>Don't forget that skywave polarization is all over and rolling around.
>>
>>I see big differences when trying to model vertical arrays destined to
>>work on ground and modeled in "free space", different pattern and just
>>plain ridiculous to do that. I know from my hardware experiments with
>>Razors (quad - yagi) that if I changed height of the boom and I

>>reoptimized the spacing/dimensions I would get different configuration. So
>>my conclusion was that antenna has to be designed for the height it is
>>going to be used at. Closer to ground, the more pronounced effect.
>>
>>What I am trying to say and not sell anything, is that perhaps the ground
>>effect and rhombic's spread over it over few wavelengths might have
>>something to do with it's good performance.
>>
> Maybe it does... but I tend not to believe such things unless they come
> with good solid reasons.
>
>>I think that software modeling is a great tool, but I also know that it
>>can not capture all the variables and effects that are happening around
>>antennas, the ground and the sky.
>>
>>All I am pointing out that based on mine and other's experience, rhombic
>>is a great antenna, performing perhaps better than modeling shows (W8JI
>>web site downplays it). If I get the chance, I will try to do some real
>>life tests and comparisons on HF. We have some 30 rhombics, some phased
>>side by side and will try to model and compare them with other antennas.
>>BTW our rhombics have a load resistor made of open (resistive?) wire stub,
>>folded few times back and forth. They were used with 50 kW transmitters.
>>see http://www.teslaradio.org/site_survey.htm
>>
>>I am just trying to bring attention to possible discrepancy that perhaps
>>is worth exploring. If some believe in gospel of modeling and paper
>>antennas, than enjoy it. I prefer reality.
>
> I don't ever see that as an "either-or" choice - I am not comfortable
> until both viewpoints agree. If modeling and 'reality' observations do not
> seem to agree, it means we're still missing some pieces of the puzzle.
>
>
>
> --
> 73 from Ian GM3SEK 'In Practice' columnist for RadCom (RSGB)
> http://www.ifwtech.co.uk/g3sek

309. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 03:53:26 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <WeGUg.9550$e66.7156@newssvr13.news.prodigy.com>
Source record: 51633

Richard Clark wrote:
> Sounds like a lame answer from you given you cannot perform ANY of the
> math.

Richard, you really need to disguise your snipe
hunts a little better.
--
73, Cecil http://www.w5dxp.com

310. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 03:55:51 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <9eb6i2t63bvo1qk52kn2pvihnrpjp5sdoj@4ax.com>
Source record: 51634

On Tue, 3 Oct 2006 23:27:56 -0400, "Yuri Blanarovich"
<K3BU@optonline.net> wrote:

>Terman describes ducting and refraction relating to UHF

Hi Yuri,

I have a couple of refraction citations made by Ladner and Stoner in
"Short Wave Wireless Communications," 1932. They dedicate the book
to C. S. Franklin.
"Refraction may produce an appreciable increase in signal strength
at longer distances and can be expect to produce fading effects
similar to those experienced with the longer waves from the
ionosphere."

How this is achieved conforms to classic ducting, although they
neglect to call it such:
"Under certain conditions theoretical curves are available
from which the field strength at an elevated receiver,
produced from an elevated transmitter, may be deduced."

73's
Richard Clark, KB7QHC

311. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 04:02:12 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <ufc6i21nirt1jm18j878s52gjpr9p0esbm@4ax.com>
Source record: 51635

On Wed, 04 Oct 2006 03:53:26 GMT, Cecil Moore <mycall@hotmail.com>
wrote:

>Richard Clark wrote:
>> Sounds like a lame answer from you given you cannot perform ANY of the
>> math.
>
>Richard, you really need to disguise your snipe
>hunts a little better.

Still can't provide any numbers, hmm? Paint the snipe orange and hang
a sign around his neck, and you couldn't nail him at 10 feet with a
shotgun. :-0

312. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 06:53:27 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <IDInADBnp1IFFAvB@ifwtech.co.uk>
Source record: 51636

Yuri Blanarovich wrote:
>I assumed that your VHF rhombic was perhaps high and maybe even
>rotatable.
>
That thing was 600ft long! Some rotator, that would have needed... a
small private railroad maybe?

--
73 from Ian GM3SEK

313. Re: FS:Hustler 2 Mtr Base Colinear G7-144 Ant

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 07:41:33 UTC
From: marqueer@mail2world.com
Message-ID: <1159947693.576989.207690@m73g2000cwd.googlegroups.com>
Source record: 51637
Cross-posted to: rec.radio.amateur.antenna,alt.usenet.kooks,rec.radio.cb,alt.west-virginia,alt.sex.dogs

Jerry wrote:
> This is a Hustler Colinear Two Meter Fixed Station Antenna Model
> G7-144 in fine condition for $100. This was the premier two meter
> antenna and probably still is with it's phenomenal gain. It has been
> in my garage for a good number of years after being up for a short
> period of time. Except for a touch of rust on a couple of the clamps,
> the antenna is super clean. I can send pictures showing this and a
> scan of the original docs if desired.
>
> Having to disassemble the antenna for shipping is too much of a
> problem for me at this time (I'm 75). Consequently, I am offering it
> for sale under the market value. I'm located in Westfield, NJ, just
> five minutes off exit 135 of the Garden State Parkway
>
> Please don't hesitate to email if any questions. WA2GFO,
> REMOVETHISjerryrsnbg@hotmail.com

314. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 10:47:55 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1159958875.759254.313950@m73g2000cwd.googlegroups.com>
Source record: 51638

QED my friend, QED...

denny

Richard Clark wrote:
> On 2 Oct 2006 11:11:40 -0700, "Denny" <k8do@mailblocks.com> wrote:
>
> >Assume that we put a 1 second squirt at the rate of 100 Joules per
> >second, into the input end of the line, it is an open line at the far
> >end, and yank the input end of the line out of the transmitter at
> >exactly 1 second... Now we have a lossless line with a wave going
> >forward and a reflected wave coming back... Do you still claim 200
> >joules?
>
> Hi Denny,
>
> A question of my own:
> Did you really expect your question above wouldn't be dodged?
>
> I suppose not. Anyway, your observations revealed Cecil's usual lack
> of rigor. You certainly know how to step back while he juggles
> un-pinned hand grenades.
>
> 73's
> Richard Clark, KB7QHC

315. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 10:49:47 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1159958987.061002.313690@i3g2000cwc.googlegroups.com>
Source record: 51639

<yawn> zzzzzzz

Slow Code wrote:
> If we raise the CW speed to 20 WPM for all classes including the Tech
> class, hams will tend to study the theory more while they build up their
> code skill and they will understand the theory better and won't need to
> ask silly questions. So increasing the speed requirement will get us
> better & smarter hams.
>
> Lazy people that don't want to learn anything will stay on CB and die in
> shoot-outs with each other in shopping mall parking lots which will help
> clean up the CB band. To me it looks like a Win Win situation. What do
> you think?
>
> SC

316. Re: Antenna Theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 11:03:24 UTC
From: wood@itd.nrl.navy.mil
Message-ID: <wood-0410060703390001@jbw-mac.itd.nrl.navy.mil>
Source record: 51640

> Hi John,
>
> EZNEC has the capacity to model wires with insulation. I presume that
> is a legacy of NEC, but I will await tutoring on that point from other
> posters. Carry that a bit further, it has at least "some" capacity to
> model wires with material nested between them. After all, the
> difference is in degree, not in concept, and the degree is hardly
> remarkable. When I observe common window line, it is not all that
> different from two insulated wires. Further, there is nothing
> remarkably different to the degree that the Lattin analysis is so
> entirely thrown off as to be wholly useless. For that matter, I
> haven't observed any postings here on any Lattin analysis other than
> my own. If this all hinges on TV type twin lead, then too much credit
> is being given to too little plastic.
>
> 73's
> Richard Clark, KB7QHC

Thanks for that clarifcation, Richard. We (Navy) have modeled Franklin arrays but the short-circuited 1/4 wave sections did not contain any dielectric material. 73s from N4GGO,

John Wood (Code 5550) e-mail: wood@itd.nrl.navy.mil
Naval Research Laboratory
4555 Overlook Avenue, SW
Washington, DC 20375-5337

317. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 11:28:20 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <nVMUg.8816$vJ2.3163@newssvr12.news.prodigy.com>
Source record: 51641

Denny wrote:
> QED my friend, QED...

I read that book by Feynman. :-)
--
73, Cecil http://www.w5dxp.com

318. Re: Attic Antennas and Foil Backed Barriers

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 13:06:30 UTC
From: Irv Finkleman <finkirv@shaw.ca>
Message-ID: <4523B1DF.61C55523@shaw.ca>
Source record: 51642

No Roy -- The intended lesson is that you don't have to
wait until you can learn enough theory to understand the antenna
before you stick a wire into the air. Get on the air first -- then
start learning. Why sit there with a ticket to play, but be
afraid because you don't know all the rules of the game yet.

Irv VE6BP

Roy Lewallen wrote:
>
> Irv Finkleman wrote:
> > In almost fifty years of hamming I never had an antenna
> > that was anywhere near ideal. For many years I couldn't measure let alone
> > spell SWR! I tied the wire onto the output of the pi-network and
> > never considered antenna tuners. I thought the cold water pipe was great and all
> > I needed. My antennas were too high, too low, or tilted the
> > wrong way. Most were bent around corners, and resembled
> > the fractal. Propagation let me think that if I got the signal into
> > the air it would bounce around till I made a contact. If I heard
> > someone I could usually work them. The RF burns were thrilling, and
> > told me that I had output! I fired my arrows into
> > the air and never ceased having fun. Ignorance was bliss. If
> > I'd known much about antenna theory I'd still be working on the plans
> > instead of on the air!
> >
> > Irv VE6BP
>
> I guess the intended lesson here is that only by staying ignorant of
> antenna theory will you ever be able to actually build an antenna and
> communicate with someone.
>
> Sorry to hear it.
>
> Roy Lewallen, W7EL

--

Visit my HomePage at http://members.shaw.ca/finkirv/index.html
Visit my Baby Sofia website at http://members.shaw.ca/finkirv4/index.htm
Visit my OLDTIMERS website at http://members.shaw.ca/finkirv5/index.htm
---
Irv Finkleman,
Grampa/Ex-Navy/Old Fart/Ham Radio VE6BP
Calgary, Alberta, Canada

319. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 13:37:44 UTC
From: Billy cumgobbler Smith <billy_shittydrawers_smith@yahoo.com>
Message-ID: <1159969064.735643.262450@k70g2000cwa.googlegroups.com>
Source record: 51643
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

N7ZZT - Eric Oyen wrote:
> kb9rqz_child_molester@yahoo.com wrote:
>
> >> well, Dyslexia often affects the interconnection of the visual processing
> >> centers with that of visual pattern recognition. I know, I have that
> >> problem myself.
> >
> > You have more problems than that, dumbass!
> what other problems I may, or may not, have is not up for public discussion
> by or for you.

What will you do, blind gimp?

> and while we are on the subject, what about your ongoing (and very public)
> problems?

Do tell, retard.

> eh dumbass (it takes one to know one)?

You tell me, blind boy. Go suck off those boy scouts you love.

320. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 13:51:31 UTC
From: N0VFP <lloyd_n0vfp@yahoo.com>
Message-ID: <1159969891.789921.285510@e3g2000cwe.googlegroups.com>
Source record: 51644
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Penquin boy Opus- wrote:
> On 3 Oct 2006 04:39:27 -0700, "Andy the Perv Timberlake"
> <andy_theperv_timberlake@yahoo.com> spake thusly:
>
>Mad magazine is about the extent of your literary tastes, Penquin boy?

<snip the usual stupidity>

SPANK! BWHAHAHAHAHA!

321. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 15:31:25 UTC
From: Mark@kb9rqz.net
Message-ID: <2uk7i29ifaeapkplaa3v5mv2fkbubvspcu@4ax.com>
Source record: 51645
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On 4 Oct 2006 06:51:31 -0700, "N0VFP" <lloyd_n0vfp@yahoo.com> wrote:

stfu woger
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

322. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 15:32:23 UTC
From: Mark@kb9rqz.net
Message-ID: <ovk7i21kr6ogcg52t64jic8je9dmljqjm3@4ax.com>
Source record: 51646
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On 4 Oct 2006 06:37:44 -0700, "Billy cumgobbler Smith"
<billy_shittydrawers_smith@yahoo.com> wrote:

stfu woger
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

323. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 17:48:38 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <WtSUg.9723$e66.5427@newssvr13.news.prodigy.com>
Source record: 51647

Denny wrote:
> QED my friend, QED...

Translation:
****
* It is OK for our models, methods, and concepts to *
* violate the conservation of energy principle because *
* the conservation of energy principle cannot be violated. *
****
--
73, Cecil http://www.w5dxp.com

324. Re: Attic Antennas and Foil Backed Barriers

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 18:30:06 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12i7vdfh4aefp25@corp.supernews.com>
Source record: 51648

Irv Finkleman wrote:
> No Roy -- The intended lesson is that you don't have to
> wait until you can learn enough theory to understand the antenna
> before you stick a wire into the air. Get on the air first -- then
> start learning. Why sit there with a ticket to play, but be
> afraid because you don't know all the rules of the game yet.
>
> Irv VE6BP
>

With that I agree completely and emphatically!

Roy Lewallen, W7EL

325. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 19:44:54 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <ki38i2dtjl64m0r45r9c0iq8knm4145c8p@4ax.com>
Source record: 51649

On Wed, 04 Oct 2006 17:48:38 GMT, Cecil Moore <mycall@hotmail.com>
wrote:

>Denny wrote:
>> QED my friend, QED...
>
>Translation:
>**
>* It is OK for our models, methods, and concepts to *
>* violate the conservation of energy principle because *
>* the conservation of energy principle cannot be violated. *
>**

Life Imitating Art (or at least Dilbert):

Well, I'll tell you,
little cowpoke.
When the snake falls
in love with the
spaghetti, it's time
To buy a new hat.

thanx and a tip of the hat to Scott Adams
others may wish the graphics at (for today):
http://dilbert.com/

326. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-04 23:45:24 UTC
From: Danny Richardson <n_group@k6mhe.com>
Message-ID: <omh8i2l8ffgc6vekpjd1vj0pp6hvopb4kk@4ax.com>
Source record: 51650

On Tue, 03 Oct 2006 12:17:21 -0700, Roy Lewallen <w7el@eznec.com>
wrote:

>NEC-based modeling programs don't have any problem simulating a Beverage
>and its traveling wave operation -- they do quite well at it.
>MININEC-based programs, no longer in wide use, weren't able to because
>of the use of perfect ground during impedance and current calculations.
>
>Roy Lewallen, W7EL

Roy,

I think you'll find that Antenna Model (a MININEC based program) can
model a Beverage quite well. .

Danny, K6MHE

327. Re: Be sure to hold onto your hat when LenAnderson@ieee.org decides to expell some gas.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 00:11:28 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <Q4YUg.5039$Y24.326@newsread4.news.pas.earthlink.net>
Source record: 51651
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

"LenAnderson@ieee.org" <LenAnderson@ieee.org> wrote in
news:1160001355.924829.305450@m7g2000cwm.googlegroups.com:

> From: N...@AOL.COM on Tues, Oct 3 2006 3:25 pm
>
>>LenAnder...@ieee.org wrote:
>>> From: Nada Tapu on Sat, Sep 30 2006 2:23 pm
>>> >On Fri, 29 Sep 2006 20:56:08 -0400, M...@kb9rqz.net wrote:
>
>
>>> Amateur radio is the ONLY radio service still using
>>> morse radiotelegraphy for communications purposes.
>>
>>So what? Amateurs choose the mode they want to use. What is wrong with
>>choosing Morse Code and HF operation?
>
> Now, now, Jimmie, you are assigning some "blame" on a plain
> and simple factual statement: "Amateur radio is the ONLY
> [US] radio service still using morse radiotelegraphy for
> communications purposes."
>
> What I wrote is a plain and simple fact.
>
> You seem to be in denial, unable to accept a plain and simple
> fact. Your problem, not mine.
>
>>Some may say the Morse Code *test* is outmoded. But you are saying the
>>*use* of Morse Code is outmoded!
>
> Yes, in every other radio service except amateur.
>
> You seem to be in denial, unable to accept a plain and simple
> fact. Your problem, not mine.
>
>
>>FM broadcasting is the only radio service that uses stereo multiplex FM
>>- is it outmoded?
>
> There is NO SUCH THING as "stereo multiplex FM" mode.
>
> FM broadcasting is NOT the "only radio service" using stereophonic
> audio modulation. Stereophonic audio modulation is NOT required

> by FM band broadcasters. Those broadcasters MAY use stereophonic
> audio OR they may use monophonic audio plus a SUBCARRIER separate
> audio channel OR they may use stereophonic audio PLUS the
> subcarrier audio. The term "multiplex" applies to SEPARATE
> information sources, not stereophonic audio. All of that is
> very much in use today.
>
> DTV (Digital TeleVision) broadcasting carries QUADRAPHONIC audio
> (optional, may be monophonic or stereophonic) with or without
> extra separate audio subchannels, with or without audio text
> ("Teletext") accompanying the video. That is very much in use
> today and for the foreseeable future of American TV broadcasting.
>
> Some AM broadcasters are still using the Motorola C-QUAM system
> for stereophonic broadcasting where each stereo "channel" takes
> one of the two DSB sidebands. While that system works well,
> the AM broadcasting listener market has NOT received it well
> enough to warrant more than a few broadcasters adopting it or
> any similar AM stereophonic system. It appears to be on the
> way out due to listener non-acceptance.
>
> "Shortwave" broadcasting is still "testing" Radio Mondial
> system which is capable of stereophonic audio transmission.
> Technically the system works very well. The increased cost
> of receivers and the general downturn in world interest in
> "shortwave" broadcasting might result in a future
> discontinuance. Note: What was once "shortwave" radio
> broadcasting is increasingly shifting over to satellite
> relay and VoIP dissemination rather than maintaining the
> HF transmitters; program content remains the same.
>
> The International Civil Airways VOR (Very high frequency
> Omnidirectional radio Range) system ground stations ALWAYS
> broadcast with a subcarrier (9.96 KHz) that is FMed with
> the reference magnetic azimuth bearing phase. The RF
> output is amplitude modulated with 30% AM so that any
> receiver can determine its magnetic bearing to the ground
> station by comparing the demodulated reference phase with
> the main AM phase. Relatively simple receiver demod that
> was devised in vacuum tube architecture times. In use
> since 1955 worldwide, no foreseeable discontinuance in the
> future despite wider use of GPS.
>
> Multi-channel (many "multis") using FM was once the choice
> of trans-continental microwave radio relay, the linkage
> across the USA that made national TV and 'dial-anywhere'
> long distance telephony possible. It has been largely
> replaced by optical fiber relay using digital multiplexing
> of voice and TV channels using digital modulation of laser
> light. The longest (to date) fiber-optic relay is the

> long, long like between London and Tokyo through the
> Mediterranean Sea past Saudi Arabia, India, around
> southeast Asia, past the Phillippines. Most of it under
> water. Optical "pumping" with a second optical wave-
> length is used for amplification to avoid electronic
> repeater amplifiers. Such optical pumping (amplification)
> is not possible with microwave RF radio relay.
>
> There are many different other examples of "FM"-like
> modulations at work daily in HF and on up into the micro-
> waves. The most common is the various adaptations of the
> common dial-up modem using combinatorial amplitude and
> phase modulation of an audio carrier wave. Those are the
> "TORs" (Teleprinter Over Radio) used for data
> communications in maritime service; voice is done via SSB
> and may be simultaneous with the data. This is on-going
> in use and for the foreseeable future.
>
> The FIRST HF Single Sideband circuits (since the beginning
> of the 1930s) used combinatorial modulations. The 12 KHz
> bandwidth was composed of four 3 KHz wide separate one-way
> channels. Each 3 KHz (voice bandwidth) channel could carry
> up to 6 frequency-shift-modulated teleprinter channels.
> The common arrangement worldwide (by both commercial and
> government users) was to use two 3 KHz channels solely
> for voice/telephony and the remaining two for 8 to 12 TTY
> circuits (number dependent on the redundancy required to
> overcome selective fading). While those "commercial" SSB
> circuits were numerous from the 40s on into the 70s, their
> number has dwindled due to better throughput and reliability
> from satellite radio relay services.
>
> Was there anything else technical about communications
> and/or broadcasting that you wanted to erroneously state?
>

Whewww. That was a gassy one.

SC

328. Re: CW Code Reader recommendation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 00:11:30 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <S4YUg.5040$Y24.1633@newsread4.news.pas.earthlink.net>
Source record: 51652
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"LenAnderson@ieee.org" <LenAnderson@ieee.org> wrote in
news:1159749789.952875.5760@k70g2000cwa.googlegroups.com:

>
> Al Klein wrote:
>> On Sun, 01 Oct 2006 03:54:16 GMT, Opus- <jbuchy@shaw.ca> wrote:
>>
>> >On Sat, 30 Sep 2006 22:53:38 -0400, Al Klein <rukbat@pern.invalid>
>> >spake thusly:
>> >
>> >>On Sun, 01 Oct 2006 02:27:51 GMT, Opus- <jbuchy@shaw.ca> wrote:
>> >>
>> >>>On Sat, 30 Sep 2006 14:54:46 -0400, Al Klein <rukbat@pern.invalid>
>> >>>spake thusly:
>> >>>>On Sat, 30 Sep 2006 06:54:33 GMT, Opus- <jbuchy@shaw.ca> wrote:
>>
>>
>> Deaf-blind dogs and cats don't normally walk around the streets
>> without aid. (Domesticated cats, btw, aren't scent-oriented, they're
>> vision-oriented.)
>
> Nonsense. ALL cats (especially domesticated ones) have POOR
> vision. They are scent-oriented.

Lenny knows a lot about cats. When he was a kid he hated playing
in the sandbox because the cats kept trying to cover him up.

SC

329. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 00:11:32 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <U4YUg.5042$Y24.234@newsread4.news.pas.earthlink.net>
Source record: 51654
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Opus- <jbuchy@shaw.ca> wrote in
news:7qo0i21i5dg4cb3boc1ok1jrlsc3i8692q@4ax.com:

> On Sun, 01 Oct 2006 22:38:29 GMT, Slow Code <my.mail@no.spam> spake
> thusly:
>
>>"Jack Ricci" <ricci@mnsi.net> wrote in
>>news:efokcn02s86@enews3.newsguy.com:
>>
>>>
>>> More power to the dyslexics...I think they should be made to feel
>>> welcome. The crappy name-calling should stop, though.
>>>
>>> Jack
>>
>>
>>
>>Long ago the FCC thought this might be a problem, so that's why they
>>came up with CB. You're welcome to CB, Talk all you want on it.
>
> When will CB have the same power and range as ham radio? When it does,
> I'll go back.
>
> CB is dead, quit using the term "CB" like an insult. It is short range
> and therefore not a comparison.

Why do you want ham radio to be like CB then by dumbing down exams? Or
are you just saying that because you're a typical lazy-ass Kanadian that
believes everything should be a government hand-out with no work required?

SC

330. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 00:11:34 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <W4YUg.5043$Y24.3037@newsread4.news.pas.earthlink.net>
Source record: 51653
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Dee Flint" <deeflint01@comcast.net> wrote in
news:QsidnWHEiuLZib7YnZ2dnUVZ_v6dnZ2d@comcast.com:

>
> "N7ZZT - Eric Oyen" <n7zzt@127.0.0.1> wrote in message
> news:2900075.q9U2II7gGK@www.usenetzone.com...
>> Jack Ricci wrote:
>>
>>> These are serious questions I have of CW operation, with no harm,
>>> malice,
>>> hurt, or put-downs intended for anyone, so I hope this thread does not
>>> degrade to that point.
>>
>> I wouldn't worry about that too much. just be careful of some of the
>> advice
>> dispensed around here though....
>>
>>>
>>> When listening to CW on my scanner, are there any tell-tale
>>> indications
>>> that the operator is dyslexic? Does a dyslexic ham use the same speed,
>>> protocol and " short-hand/short-form wording " as a more proficient
>>> ham would use in communicating CW? Do dyslexic hams ever really use
>>> CW, or would
>>> dyslexic hams ever even consider the use of CW on a regular basis?
>>> Are dyslexic would-be hams able to pass the CW portion of an exam to
>>> get into a higher class of license and increased privileges?
>>
>> well, Dyslexia often affects the interconnection of the visual
>> processing centers with that of visual pattern recognition. I know, I
>> have that problem myself.
>>
>> Since this problem appears to be one in the visual side of the system,
>> it stands to reason that sound would not be affected in the same way
>> (nor would touch - in my case, braille is far easier for me to read
>> than the printed word was). CW is much the same way for me. I picked it
>> up as a teen, but never did get around to using it, nor did I bother
>> with it when I
>> went in to take my first Amateur radio exame.
>>
>> you may note how well I type. Actually, its an automatic spell checker
>> correcting some of the "dyslexic typing" my fingers turn out. There are
>> some word variations that still get past the spellcheck though. :(

>>
>> point is, since CW is a sound language, it might be loads easier for
>> her to
>> learn than say the printed word.
>>
>> DE N7ZZT
>> Phoenix, Arizona
>
> Do you have any tips you could pass on for those teaching code to
> dyslexics?

Use a cattle prod.

SC

331. Re: I punce in aigaon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 00:11:38 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <_4YUg.5047$Y24.1134@newsread4.news.pas.earthlink.net>
Source record: 51655
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Mark Morgan" <kb9rqz@blumpkin.net> wrote in
news:4523d3b0$0$19707$88260bb3@free.teranews.com:

> ok I back four anoter tuff day on the news grupes it my job tis waht I
> do
> so
> bringit on you loosers
>
> show-na-to-va (that is the greeting for this time of year as a JEW
> rendered phonicticaly)
> happy new years it means and it can be better one if Wismen Robson and
> SC a few just decided to not to be as hateful
>
> with the punce gotcha he wonders why I simple don't bother to ty
> impoving my spelling do u hav anyting cognet two say?
>
>
> my blog
> http://www.marksspamblog.blogspot.com/

ROFL,
For a forgery, this one always cracks me up.

SC

332. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 00:11:41 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <15YUg.5049$Y24.2900@newsread4.news.pas.earthlink.net>
Source record: 51656
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Chuck Harris <cf-NO-SPAM-harris@erols.com> wrote in
news:arKdnXTP58e-zL3YnZ2dnUVZ_tOdnZ2d@rcn.net:

> Slow Code wrote:
>> Mark@kb9rqz.net wrote in
>> news:oq20i2dos2vd3g787bk3psh8sig2tv40qe@4ax.com:
>>
>>>>> How does one say mayday on CW? My radio only works on the bottom 25
>>>>> KHz of the HF bands.
>>>> then you are a porrly equiped ham and should turn your license in for
>>>> the good of the ars
>>>> http://kb9rqz.blogspot.com/
>>> I am fairly well equipped: IC-756 Pro III, IC-746, AL-80B amplifier,
>>> ANC-4 noise
>>> canceller, MFJ 1025 Signal enhancer, TS-570D, AMP SUPPLY LK-450
>>> Amplifier, G-707
>>> [2 & 440], plus computer ... and these are the things on my operating
>>> table.
>>>
>>>
>>> IC-706 MKIIg & AH-4 in the mobile. Plus 2 HTs.
>>> then you are a lying in claiming your radio only work on the bottom 25
>>> khz
>>
>>
>> WOW Mark,
>>
>> And you're not even a Real ham.
>
> There is this pithy little thing I found in the ARRL Handbook:
>
> The Amateur's Code
> ------------------
>
> The Radio Amateur is
>
> CONSIDERATE...never knowingly operates in such a way as to lessen
> the pleasure of others.
>
> LOYAL.........offers loyalty, encouragement and support to other
> amateurs,
> local clubs, and the American Radio Relay League, through
> which Amateur Radio in the United States is represented

> nationally and internationally.
>
> PROGRESSIVE...with knowledge abreast of science, a well-built and
> efficient station and operation above reproach.
>
> FRIENDLY......slow and patient operating when requested; friendly advice
> and counsel to the beginner; kindly assistance,
> cooperation and consideration for the interests of
> others. These are the hallmarks of the amateur spirit.
>
> BALANCED......radio is an avocation, never interfering with duties owed
> to family, job, school or community.
>
> PATRIOTIC.....station and skill always ready for service to country and
> community.
>
> --The original Amateur's Code was written by Paul M. Segal, W9EEA, in
> 1928.
>
> Kind of old, and flavored a lot like the US was during the time, but
> never-the-less, it has some important lessons in behavior and compassion
> that seem to be lacking in your vision for the hobby.
>
> -Chuck Harris

Thanks for posting that chuck. I've never broken any of those on the air or on usenet. Maybe now Markie and everyone else will see why CW is important.

Thanks again and Keep up the good work.

73 de Slow Code

333. Re: It's amazing what people will say to try to justify dumbing down Amateur Radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 00:11:42 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <25YUg.5050$Y24.3923@newsread4.news.pas.earthlink.net>
Source record: 51657
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Cecil Moore <mycall@hotmail.com> wrote in
news:AqYTg.8122$vJ2.5172@newssvr12.news.prodigy.com:

> Slow Code wrote:
>> It's funny, and most telling. The no-code hams have everything over 30
>> MHz, but it's the code hams that are the one's moving ham radio forward
>> and doing anything technical wise.
>
> If that's true, it's certainly a change from half a
> century ago when we HF hams observed the VHF/UHF
> hams revolutionizing amateur radio with their
> technical expertise.

And half a century ago those VHF/UHF hams had passed a code test. They
weren't no-coders, they were motivated and did what it took. Today's
no-codes aren't motivated and don't want to make an effort, therefore
they're probably not going to be motivated to move things forward either.

SC

334. Re: See, I told you RRAP is peaceful when KB9RQZ is away.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 00:11:46 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <65YUg.5053$Y24.5049@newsread4.news.pas.earthlink.net>
Source record: 51658
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

"U-Know-Who" <no-one@nowhere.com> wrote in
news:BxhUg.1487$5o5.517@tornado.texas.rr.com:

>
> "Slow Code" <my.mail@no.spam> wrote in message
> news:MehUg.4313$Y24.4147@newsread4.news.pas.earthlink.net...
>> Now if we can just get rid of the Beer Enema brigade, Woger, Stevie,
>> Lloydie, Billy Smith, and Toad, these groups can get back to being
>> radio groups again and we can talk about how to employ CW to save ham
>> radio, because I know we all agree CW is what will save it.
>>
>> Catch you on the bands unless you're a No-code ham, then I won't
>> because I don't do CB.
>>
>> Tnx, 73
>> de Slow Code
>>
>>
>
> Good deal. Go discuss your prostrate and hemorrhoids via CW.

I figured out why you're so upset. You weren't born with a prostate or a
set of balls so you can't take part in the conversations. Maybe you can
find yourself an XYL net and discuss sewing, menstration and tampons.

Happy to Help.

SC

335. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 01:00:54 UTC
From: Opus- <jbuchy@shaw.ca>
Message-ID: <s8l8i2hiunt0d4htofftp46c4trst6m0rd@4ax.com>
Source record: 51659
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Thu, 05 Oct 2006 00:11:32 GMT, Slow Code <my.mail@no.spam> spake
thusly:

>Opus- <jbuchy@shaw.ca> wrote in
>news:7qo0i21i5dg4cb3boc1ok1jrlsc3i8692q@4ax.com:
>
>> On Sun, 01 Oct 2006 22:38:29 GMT, Slow Code <my.mail@no.spam> spake
>> thusly:
>>
>>>"Jack Ricci" <ricci@mnsi.net> wrote in
>>>news:efokcn02s86@enews3.newsguy.com:
>>>
>>>>
>>>> More power to the dyslexics...I think they should be made to feel
>>>> welcome. The crappy name-calling should stop, though.
>>>>
>>>> Jack
>>>
>>>
>>>
>>>Long ago the FCC thought this might be a problem, so that's why they
>>>came up with CB. You're welcome to CB, Talk all you want on it.
>>
>> When will CB have the same power and range as ham radio? When it does,
>> I'll go back.
>>
>> CB is dead, quit using the term "CB" like an insult. It is short range
>> and therefore not a comparison.
>
>
>Why do you want ham radio to be like CB then by dumbing down exams?

Do you have any idea how really stupid you sound? You keep on
repeating this "dumbing down" mantra like it actually means something.
Newsflash. Ham radio and CB are really only different in the range
available. Ham is just CB that goes further and there is nothing you
can do to change that.

And, for the 15'th time, the no-code test here in Canada is TOUGHER
than the code test.

>Or
>are you just saying that because you're a typical lazy-ass Kanadian that
>believes everything should be a government hand-out with no work required?

I have no idea what you mean. What do we get handed to us? I'd like to know because myself and everybody I know has had to work for everything we own.

Please explain what I get handed to me, oh great professor of Canadian studies. Canadian is spelled with a "C" by the way. Don't they educate you down there?
--
Opus62@gmail.com
(Jim, single dad to Lesleigh [Autistic] 04/20/94)

"What, Me Worry?" A. E. Newman

Please note: All unsolicited e-mail sent to me may, at my discretion, be posted in this newsgroup verbatim.

336. Re: Be sure to hold onto your hat when LenAnderson@ieee.org decides to expell some gas.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 01:13:18 UTC
From: Opus- <jbuchy@shaw.ca>
Message-ID: <svm8i25od351kvjn713eipdsej1jit35m5@4ax.com>
Source record: 51660
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Thu, 05 Oct 2006 00:11:28 GMT, Blow Code <my.mail@no.spam> spake
thusly:

>Whewww. That was a gassy one.

We don't need to hear about your sex life.

337. Re: It's amazing what people will say to try to justify dumbing down Amateur Radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 01:15:29 UTC
From: Opus- <jbuchy@shaw.ca>
Message-ID: <93n8i2tnsu4jgghb9ihd7co2ti5lqd0j4u@4ax.com>
Source record: 51661
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Thu, 05 Oct 2006 00:11:42 GMT, Slow Code <my.mail@no.spam> spake
thusly:

>Cecil Moore <mycall@hotmail.com> wrote in
>news:AqYTg.8122$vJ2.5172@newssvr12.news.prodigy.com:
>
>> Slow Code wrote:
>>> It's funny, and most telling. The no-code hams have everything over 30
>>> MHz, but it's the code hams that are the one's moving ham radio forward
>>> and doing anything technical wise.
>>
>> If that's true, it's certainly a change from half a
>> century ago when we HF hams observed the VHF/UHF
>> hams revolutionizing amateur radio with their
>> technical expertise.
>
>
>And half a century ago those VHF/UHF hams had passed a code test. They
>weren't no-coders, they were motivated and did what it took. Today's
>no-codes aren't motivated and don't want to make an effort, therefore
>they're probably not going to be motivated to move things forward either.

Your defamation is well noted. Democracy just sucks, doesn't it?

338. Ping LenAnderson@ieee.org

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 01:58:21 UTC
From: Opus- <jbuchy@shaw.ca>
Message-ID: <9un8i2p4358ekvdtk59f52pa8fri1k58kr@4ax.com>
Source record: 51662
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

You seem pretty knowledgeable so I need some assistance at
understanding something.

What I can't understand is the the incredibly childish attitude of
some of the pro-coders here. For me, the confusion stems from having
known several old timer hams while growing up. I looked up to them.
They were older gentlemen that had some fascinating knowledge and
great stories to tell about their ham radio hobby. This was back in
the 60's and early 70's so they are all gone now.

I am sure now that they are spinning in their graves, after the spew
puked up by some of the pro-coders.

Not all of them, to be fair, but a few loud ones stand out.

I still can't figure out how a statement about how CW is just beeps[
as opposed to voice on the same hardware] became transmuted into a
requirement that I should hate usenet.
That kind of blatant mis-direction seems to be quite common.

The statement is quite simple...a voice on the airwaves can convey
much more information than just the words spoken but CW can only
convey the words. Since the medium and usually the hardware is exactly
the same weather or not a microphone or a key is used, why bother with
a key that is much more limited? Somehow, this relates to pixels on my
screen but I have yet to understand why my opponent felt the need to
misdirect, misrepresent and misquote. Can none of the pro-coders make
a valid point?

Why do some of them feel that insulting my daughter will make their
point valid? Are their points so weak that they resort to vulgar
insults instead of engaging in debate? I usually don't killfile people
but I have made a few exceptions lately.

Now, there will be some spew directed towards my post. They can go
ahead and prove that turning ham into CB will most certainly be a
great improvement to the ARS. I NEVER knew anybody on CB that was as
rude and vulgar as some of the pro-coders here. I can have a nasty
mouth too, at times, but it's always in response to stupidity that is
obviously not to be taken seriously.

And, ironically, *I* am the one told to grow up. That's just too
funny.

339. when you goign tpo pay off your bet

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 02:05:56 UTC
From: Mark@kb9rqz.net
Message-ID: <k3q8i2purcdnsj52jh7ovs6shcqgbsbtee@4ax.com>
Source record: 51663
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Thu, 05 Oct 2006 00:11:41 GMT, Slow Code <my.mail@no.spam> wrote:
when you goign tpo pay off your bet
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

340. when you goign tpo pay off your bet

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 02:06:45 UTC
From: Mark@kb9rqz.net
Message-ID: <a5q8i2p3e19cdoglbhgq9ecpkfh515vmih@4ax.com>
Source record: 51664
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Thu, 05 Oct 2006 00:11:30 GMT, Slow Code <my.mail@no.spam> wrote:

when you goign tpo pay off your bet
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

341. when you goign tpo pay off your bet

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 02:07:37 UTC
From: Mark@kb9rqz.net
Message-ID: <v6q8i2h9cf2kna65qjgng01strabaabubi@4ax.com>
Source record: 51665
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Thu, 05 Oct 2006 00:11:42 GMT, Slow Code <my.mail@no.spam> wrote:

when you goign tpo pay off your bet
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

342. when you goign tpo pay off your bet

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 02:08:19 UTC
From: Mark@kb9rqz.net
Message-ID: <98q8i2dvse0gj3jvudu61hmj1bcdkddhfl@4ax.com>
Source record: 51666
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Thu, 05 Oct 2006 00:11:34 GMT, Slow Code <my.mail@no.spam> wrote:

when you goign tpo pay off your bet
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

343. when you goign tpo pay off your bet

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 02:11:35 UTC
From: Mark@kb9rqz.net
Message-ID: <eeq8i2lvvnuh9q5cv3v97pasbgojjuvdho@4ax.com>
Source record: 51667
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Thu, 05 Oct 2006 00:11:38 GMT, Slow Code <my.mail@no.spam> wrote:

when you goign tpo pay off your bet
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

344. Re: It's amazing what people will say to try to justify dumbing down Amateur Radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 02:12:42 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <uSZUg.19546$lj.807@newssvr14.news.prodigy.com>
Source record: 51669
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Slow Code wrote:
> And half a century ago those VHF/UHF hams had passed a code test. They
> weren't no-coders, they were motivated and did what it took. Today's
> no-codes aren't motivated and don't want to make an effort, therefore
> they're probably not going to be motivated to move things forward either.

Actually, the Technician License was offered with
reduced code requirements for hams who were more
interested in technical experimentation than in
ragchewing.
--
73, Cecil http://www.w5dxp.com

345. when you goign tpo pay off your bet

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 02:12:53 UTC
From: Mark@kb9rqz.net
Message-ID: <igq8i2lbnlfcsdnpqh161025ie6emtot2b@4ax.com>
Source record: 51668
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Thu, 05 Oct 2006 00:11:28 GMT, Slow Code <my.mail@no.spam> wrote:

when you goign tpo pay off your bet
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

346. Re: Ping LenAnderson@ieee.org

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 02:16:48 UTC
From: Mark@kb9rqz.net
Message-ID: <umq8i2pn4emlfcpefjo06s0bi6f1mvnbc8@4ax.com>
Source record: 51670
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Thu, 05 Oct 2006 01:58:21 GMT, Opus- <jbuchy@shaw.ca> wrote:

>
>You seem pretty knowledgeable so I need some assistance at
>understanding something.
>
>What I can't understand is the the incredibly childish attitude of
>some of the pro-coders here. For me, the confusion stems from having
>known several old timer hams while growing up. I looked up to them.
>They were older gentlemen that had some fascinating knowledge and
>great stories to tell about their ham radio hobby. This was back in
>the 60's and early 70's so they are all gone now.
>
>I am sure now that they are spinning in their graves, after the spew
>puked up by some of the pro-coders.

I am sure Hiram is spingin or puking over the way the ARRl and
procoders are abusing Ham radio
>
>Not all of them, to be fair, but a few loud ones stand out.
>
>I still can't figure out how a statement about how CW is just beeps[
>as opposed to voice on the same hardware] became transmuted into a
>requirement that I should hate usenet.
>That kind of blatant mis-direction seems to be quite common.
bacause it all they have to try
>
>The statement is quite simple...a voice on the airwaves can convey
>much more information than just the words spoken but CW can only
>convey the words. Since the medium and usually the hardware is exactly
>the same weather or not a microphone or a key is used, why bother with
>a key that is much more limited? Somehow, this relates to pixels on my
>screen but I have yet to understand why my opponent felt the need to
>misdirect, misrepresent and misquote. Can none of the pro-coders make
>a valid point?
>
>Why do some of them feel that insulting my daughter will make their
>point valid? Are their points so weak that they resort to vulgar
>insults instead of engaging in debate? I usually don't killfile people
>but I have made a few exceptions lately.
>
>Now, there will be some spew directed towards my post. They can go
>ahead and prove that turning ham into CB will most certainly be a
>great improvement to the ARS. I NEVER knew anybody on CB that was as

>rude and vulgar as some of the pro-coders here. I can have a nasty
>mouth too, at times, but it's always in response to stupidity that is
>obviously not to be taken seriously.
>
>And, ironically, *I* am the one told to grow up. That's just too
>funny.
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

347. QTFTWWAC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 11:38:12 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1160048292.525389.290460@k70g2000cwa.googlegroups.com>
Source record: 51671

Another chapter in my decades long 'quest to find the worlds worst antenna configuration' (QTFTWWAC)...
This weekend I hurled into the air another conglomeration of consisting of three pieces of ugly bent, used wire.... After tree branches, bird droppings, and gravity did its thing I wound up with a bottom fed, half lambda vertical for 40 meters, with a pair of elevated radials... The bottom of the antenna is 7 feet up, the 2 radials slope from there to about 3 feet...
Being that the antenna analyzer had dead batteries (my magic fingers left it on again), I tuned the matching network by the method I learned as a lad, putting a brick on the key I went out to the antenna and using a pencil to draw an arc off the wire I tuned the cap for maximum sparks... Trudged the hundred yards back to the shack and plopped down in front of the radio... Quick check showed swr to be 2.8:1 at the bottom of the band rising to 1:1 above the top of the band... In my youth before swr meters this would have been a raging success...
Anyway, the swr a bit too much for the amp at 7005 kc so I ran the Omni barefoot getting about 70 watts out... The band was weakly open into eurasia... FIrst Q was a UA3, then a UA9, followed by by G, DL, EA, EI, etc., for a round dozen DX Q's in about 40 minutes...

OK, so this antenna is another dismal failure in my QTFTWWAC, don't use this antenna configuration if you want to be able to hold your head up in polite company... If you do go off into the weeds <don't smoke em> and decide to use it, a few more radials will get that last dB, or so, out of it... Christman finds a round dozen elevated radials to be the sweet spot between improvement and vanishing returns... Now, that work was done for quarter lambda verticals which need the ground as the antenna image, so it may not translate directly to a half lambda vertical which is a balanced monopole... Here the radials mostly keep the coax from getting too friendly with the antenna, and partially screens the night crawlers from a sunburn...

The intent is to do FS measurements with 2, 4, and 8 elevated radials to see if this configuration responds differently than a quarter lambda... Yesterday I went out in the meadow with the 706 and a battery in a garden cart... I tuned the parallel network for 1:1 at 7050kc... The antenna covers the whole band at less than 1.5:1 without retuning... In testing I called a quick CQ and had a w4bkd/m come back to me... He's an OT like me, but said this was the first time he worked someone standing out in a field, up on a ladder, with the radio clamped under his arm, holding the paddles in his hand, in the rain... I surmised that given my usual mental state that this was pretty much SOP for me...

Dunno if I will get to the radial tests... This week end it has to come down so the highly secret 80 meter arrays <complete with decoder ring in the box> for CQWW can go up, as I continue on the trail to the holy grail of the QTFTWWAC...

sar, bni, ymmv

denny / k8do

348. Re: See, I told you RRAP is peaceful when KB9RQZ is away.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 14:14:45 UTC
From: kb9rqz_child_molester@yahoo.com
Message-ID: <1160057685.211057.4840@i42g2000cwa.googlegroups.com>
Source record: 51672
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

Slow Code wrote:
> "U-Know-Who" <no-one@nowhere.com> wrote in
> news:BxhUg.1487$5o5.517@tornado.texas.rr.com:
>
> >
> > "Slow Code" <my.mail@no.spam> wrote in message
> > news:MehUg.4313$Y24.4147@newsread4.news.pas.earthlink.net...
> >> Now if we can just get rid of the Beer Enema brigade, Woger, Stevie,
> >> Lloydie, Billy Smith, and Toad, these groups can get back to being
> >> radio groups again and we can talk about how to employ CW to save ham
> >> radio, because I know we all agree CW is what will save it.
> >>
> >> Catch you on the bands unless you're a No-code ham, then I won't
> >> because I don't do CB.
> >>
> >> Tnx, 73
> >> de Slow Code
> >>
> >>
> >
> > Good deal. Go discuss your prostrate and hemorrhoids via CW.
>
>
> I figured out why you're so upset. You weren't born with a prostate or a
> set of balls <IKYABWAI>

PKB, Sniveling Cunt.

349. Re: QTFTWWAC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 14:37:09 UTC
From: Walter Maxwell <walt@w2du.com>
Message-ID: <8j5ai2husoipn8jg13ngtjah757rqe4kqp@4ax.com>
Source record: 51673

On 5 Oct 2006 04:38:12 -0700, "Denny" <k8do@mailblocks.com> wrote:

>Another chapter in my decades long 'quest to find the worlds worst
>antenna configuration' (QTFTWWAC)...
>This weekend I hurled into the air another conglomeration of consisting
>of three pieces of ugly bent, used wire.... After tree branches, bird
>droppings, and gravity did its thing I wound up with a bottom fed, half
>lambda vertical for 40 meters, with a pair of elevated radials... The
>bottom of the antenna is 7 feet up, the 2 radials slope from there to
>about 3 feet...
>Being that the antenna analyzer had dead batteries (my magic fingers
>left it on again), I tuned the matching network by the method I learned
>as a lad, putting a brick on the key I went out to the antenna and
>using a pencil to draw an arc off the wire I tuned the cap for maximum
>sparks... Trudged the hundred yards back to the shack and plopped down
>in front of the radio... Quick check showed swr to be 2.8:1 at the
>bottom of the band rising to 1:1 above the top of the band... In my
>youth before swr meters this would have been a raging success...
>Anyway, the swr a bit too much for the amp at 7005 kc so I ran the Omni
>barefoot getting about 70 watts out... The band was weakly open into
>eurasia... FIrst Q was a UA3, then a UA9, followed by by G, DL, EA,
>EI, etc., for a round dozen DX Q's in about 40 minutes...
>
>OK, so this antenna is another dismal failure in my QTFTWWAC, don't use
>this antenna configuration if you want to be able to hold your head up
>in polite company... If you do go off into the weeds <don't smoke em>
>and decide to use it, a few more radials will get that last dB, or so,
>out of it... Christman finds a round dozen elevated radials to be the
>sweet spot between improvement and vanishing returns... Now, that work
>was done for quarter lambda verticals which need the ground as the
>antenna image, so it may not translate directly to a half lambda
>vertical which is a balanced monopole... Here the radials mostly keep
>the coax from getting too friendly with the antenna, and partially
>screens the night crawlers from a sunburn...
>
>The intent is to do FS measurements with 2, 4, and 8 elevated radials
>to see if this configuration responds differently than a quarter
>lambda... Yesterday I went out in the meadow with the 706 and a battery
>in a garden cart... I tuned the parallel network for 1:1 at 7050kc...
>The antenna covers the whole band at less than 1.5:1 without
>retuning... In testing I called a quick CQ and had a w4bkd/m come back
>to me... He's an OT like me, but said this was the first time he worked
>someone standing out in a field, up on a ladder, with the radio clamped
>under his arm, holding the paddles in his hand, in the rain... I

>surmised that given my usual mental state that this was pretty much SOP
>for me...
>
>Dunno if I will get to the radial tests... This week end it has to come
>down so the highly secret 80 meter arrays <complete with decoder ring
>in the box> for CQWW can go up, as I continue on the trail to the holy
>grail of the QTFTWWAC...
>
>sar, bni, ymmv
>
>denny / k8do

Denny, I don't know what you do for a living, but you could make millions as a standup comedian, unless you're having someone else write your material.

Deterrming SWR by measuring the length of the spark at the end of the dipole is hilarious. On the other hand, I don't believe you'd have enough energy left at the end of a hundred yards of feedline to even develop a spark there.

But that's neither here or there--let's get down to specifics--why are you ignoring me? We're so close together in Michigan that we could QSO with smoke signals, as I pointed out in one of my posts on the thread concerning the G5RV. And did you not receive an email from me? I know my attempt at humor doesn't begin to compare with yours, but I thought at least we could become acquainted, so why are you ignoring me?

Walt, W2DU

350. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 15:00:17 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <eg36ta$2so$1@news.service.uci.edu>
Source record: 51674

Cecil Moore wrote:
> Jim Kelley wrote:
>
>> Actually I agree, but it's all from ordinary reflections, rather than
>> from backscattered interference or anything else from the 'square root
>> of negative one' axis.
>
>
> Jim, the reflected energy and momentum changes direction.
> Walter Maxwell calls it a virtual short or open with a
> virtual reflection coefficient of 1.0. I agree with "Optics",
> by Hecht, that it is total destructive interference in the
> source direction accompanied by total constructive interference
> in the load direction. What do you call it? What reflection
> coefficient does your reflected wave see? Please give it a
> name.

I agree with Optics by Hecht too, Cecil. I just don't always agree
with what you think the words in Optics by Hecht mean.

73, Jim AC6XG

351. Problem with off topic postings in antenna newsgroup

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 15:24:59 UTC
From: ricknj10@hotmail.com
Message-ID: <4525196a.10903484@news.optonline.net>
Source record: 51675

I am sure you all have been experiencing the recent onslaught of off topic postings in the antenna newsgroup. Subjects such as CB, code, etc. Character assinations, childish BS. What follows is an idea I have to combat this foolishness. I am dead serious about this. If you are interested in participating, read on.

It happens when someone initiates a posting and "cross posts" it to multiple newsgroups including rec.radio.amateur.antenna. They do this because they think they reach a wider audience, instead of confining their subject to the appropriate newsgroup (such as, possibly, rec.radio.amateur.policy). They really aren't too smart and they don't have any manners or or appreciation of netiquette at all. Then what happens is someone sees their posting and decides to add their 2 cents worth, and they just use the default list of newsgroups which was included in the original posting, and voila! their reply also goes to 6 different newsgroups.

I have an idea to rid us of this littering. Take an off topic posting, do a reply to it, be sure to edit your posting so that it DOES NOT appear in the antenna newsgroup. This is vital. In your reply posting just post a simple one line message, something like "I agree" or "yeah, right on Dude." Do it as many times as your energy lasts. (It would not hurt to edit your reply email to some bogus address so you do not get flames).

Now, when someone in another newsgroup sees the offending thread, they will begin reading it, and see dozens of useless messages (all those "I agree, Dude" messages). Remember, these replies are not showing up in the antenna newsgroup. After someone has read 50 of them they will get the message. If they choose to do a reply, remember they are not smart enough to know better, their reply will only go to the newsgroups which you have left in place.

Ok? Agree? Pick the next crap, off topic posting you see and fire away, along with me.

Rick K2XT

352. Re: Problem with off topic postings in antenna newsgroup

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 15:32:32 UTC
From: Frank <ve6cb@spamfree.telus.net>
Message-ID: <kA9Vg.2884$H7.2883@edtnps82>
Source record: 51526

Hi Rick, Sounds like an idea. The moronic trash is certainly irritating.
My answer is to add all such postings to my "Blocked senders" list,
and I don't see it anymore. I just have to watch that I do not add
Richard Clark, and others, who sometimes respond to the postings.

Regards,

Frank

"Rick" <ricknj10@hotmail.com> wrote in message
news:4525196a.10903484@news.optonline.net...
>I am sure you all have been experiencing the recent onslaught of off
> topic postings in the antenna newsgroup. Subjects such as CB, code,
> etc. Character assinations, childish BS. What follows is an idea I
> have to combat this foolishness. I am dead serious about this. If
> you are interested in participating, read on.
>
> It happens when someone initiates a posting and "cross posts" it to
> multiple newsgroups including rec.radio.amateur.antenna. They do this
> because they think they reach a wider audience, instead of confining
> their subject to the appropriate newsgroup (such as, possibly,
> rec.radio.amateur.policy). They really aren't too smart and they
> don't have any manners or or appreciation of netiquette at all. Then
> what happens is someone sees their posting and decides to add their 2
> cents worth, and they just use the default list of newsgroups which
> was included in the original posting, and voila! their reply also goes
> to 6 different newsgroups.
>
> I have an idea to rid us of this littering. Take an off topic
> posting, do a reply to it, be sure to edit your posting so that it
> DOES NOT appear in the antenna newsgroup. This is vital. In your
> reply posting just post a simple one line message, something like "I
> agree" or "yeah, right on Dude." Do it as many times as your energy
> lasts. (It would not hurt to edit your reply email to some bogus
> address so you do not get flames).
>
> Now, when someone in another newsgroup sees the offending thread, they
> will begin reading it, and see dozens of useless messages (all those
> "I agree, Dude" messages). Remember, these replies are not showing up
> in the antenna newsgroup. After someone has read 50 of them they will
> get the message. If they choose to do a reply, remember they are not
> smart enough to know better, their reply will only go to the
> newsgroups which you have left in place.
>
> Ok? Agree? Pick the next crap, off topic posting you see and fire

> away, along with me.
>
> Rick K2XT

353. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 15:36:18 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <SD9Vg.10117$e66.3310@newssvr13.news.prodigy.com>
Source record: 51527

Jim Kelley wrote:
>
> Cecil Moore wrote:
>> Jim, the reflected energy and momentum changes direction.
>> Walter Maxwell calls it a virtual short or open with a
>> virtual reflection coefficient of 1.0. I agree with "Optics",
>> by Hecht, that it is total destructive interference in the
>> source direction accompanied by total constructive interference
>> in the load direction. What do you call it? What reflection
>> coefficient does your reflected wave see? Please give it a
>> name.
>
> I agree with Optics by Hecht too, Cecil. I just don't always agree with
> what you think the words in Optics by Hecht mean.

That the reflected wave(s) have reversed momentum is a fact
since at one point they are measured as photonic energy
traveling toward the source and at another point they are
measured as having disappeared. Remember, these are photonic
EM waves. They necessarily must travel at the speed of light
or not exist. The photonic component waves in non-reflective
glass all travel at the speed of light. In like manner, so
do the photonic component RF waves in a transmission line.
Photonic EM waves don't change their basic nature with frequency.

You still didn't give me a word for that change in momentum.
Walter Maxwell calls it "re-reflected". I would be satisfied
with "re-directed' or "momentum-reversed". What would you
like to name it?

While you are at it, you never did give me a word for watts
that are not power.
--
73, Cecil, http://www.qsl.net/w5dxp

354. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 15:37:39 UTC
From: Michael Coslo <mjc5@psu.edu>
Message-ID: <eg38s4$16kq$1@f04n12.cac.psu.edu>
Source record: 51528

art wrote:
> Dan,
> you know quite well what the post that started this thread asked for.
> I only added the TOA comments to fill in some body where I was
> coming from not for advice on what antenna to build.
> People are quibling over the word "efficiency" which I find rather
> wierd
> especially since I am supposed to be in the company of fellow
> engineers.

Interesting Art, you find that weird, and I find it as an explanation! 8^)

- 73 de Mike KB3EIA -

355. Re: Problem with off topic postings in antenna newsgroup

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 15:40:30 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <OH9Vg.10118$e66.2029@newssvr13.news.prodigy.com>
Source record: 51529

Rick wrote:
> Now, when someone in another newsgroup sees the offending thread, they
> will begin reading it, and see dozens of useless messages (all those
> "I agree, Dude" messages). Remember, these replies are not showing up
> in the antenna newsgroup.

What's to keep the same low-lifes from replying, "I agree
too, Dude", and re-directing it back to r.r.a.a?
--
73, Cecil, http://www.qsl.net/w5dxp

356. Re: See, I told you RRAP is peaceful when KB9RQZ is away.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 15:50:11 UTC
From: Mark@kb9rqz.net
Message-ID: <6daai29le3n2eri24ljqum7l8jb77knlv5@4ax.com>
Source record: 51530
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

On 5 Oct 2006 07:14:45 -0700, kb9rqz_child_molester@yahoo.com wrote:

stfu child molestor forger
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

357. Re: Problem with off topic postings in antenna newsgroup

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 16:17:46 UTC
From: richardharrison@webtv.net
Message-ID: <4602-4525302A-1375@storefull-3253.bay.webtv.net>
Source record: 51531

Rick wrote:
"Subjects such as CB, code, etc,"

Some insist CB is an "either-or" relationship with code. The FCC has assigned space for both. Amateur radio operators have imagined their own problems.

The "Morse code forever" characters are nearly all retirees hanging on to an obsolete mode now replaced by other digital modes and analog communications. The U.S. military abandoned Morse long ago. It hangs on in the imagination of some unreconstructed "coots".

I`d like my grandchildren to have fun with radio and not bother with Morse. "You don`t make people learn how to ride a horse before they drive a car".

Barbarians are riffraff whether coded or not. They have no reason to leave the internet.

Best regards, Richard Harrison, KB5WZI

358. Re: QTFTWWAC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 16:50:14 UTC
From: Walter Maxwell <walt@w2du.com>
Message-ID: <qpdai2tpcekffcvotp67fe0r8tu5qi0hb2@4ax.com>
Source record: 51532

>>
>>sar, bni, ymmv
>>
>>denny / k8do
>
>Denny, I don't know what you do for a living, but you could make millions as a
>standup comedian, unless you're having someone else write your material.
>
>Deterrming SWR by measuring the length of the spark at the end of the dipole is
>hilarious. On the other hand, I don't believe you'd have enough energy left at
>the end of a hundred yards of feedline to even develop a spark there.
>
>But that's neither here or there--let's get down to specifics--why are you
>ignoring me? We're so close together in Michigan that we could QSO with smoke
>signals, as I pointed out in one of my posts on the thread concerning the G5RV.
>And did you not receive an email from me? I know my attempt at humor doesn't
>begin to compare with yours, but I thought at least we could become acquainted,
>so why are you ignoring me?
>
>Walt, W2DU

Denny, I just now received an email saying my email to you is undeliverable. Is
the email address you use here a fake?

Walt, W2DU

359. Re: Problem with off topic postings in antenna newsgroup

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 17:09:59 UTC
From: ricknj10@hotmail.com
Message-ID: <45253baf.19676359@news.optonline.net>
Source record: 51533

>
>What's to keep the same low-lifes from replying, "I agree
>too, Dude", and re-directing it back to r.r.a.a?

Because they are clueless to how Usenet works. The message they are replying to is NOT in r.r.a.a, it is now in some other newsgroup, and there are let's say, 50 of them, so many that it is an annoyance to even read through them. So when they finally have had enough after reading 10 of the 50, they decide to reply, their stupid reply will only go to the newsgroups that are in the message they are replying to (which does NOT contain r.r.a.a). Ok? Got it?

Rick

360. Re: Problem with off topic postings in antenna newsgroup

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 17:11:14 UTC
From: ricknj10@hotmail.com
Message-ID: <45253c72.19871406@news.optonline.net>
Source record: 51534

On Thu, 5 Oct 2006 11:17:46 -0500, richardharrison@webtv.net (Richard Harrison) wrote:

>Rick wrote:
>"Subjects such as CB, code, etc,"
>
>Some insist CB is an "either-or" relationship with code.

Richard - cut it out. Did you miss the entire point of my posting?

Rick K2XT

361. Re: Problem with off topic postings in antenna newsgroup

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 18:12:37 UTC
From: Bob Miller <NOSPAM@neosoft.com>
Message-ID: <1kiai2lfpovr9ane2dccl2k9pahiv6bsf3@4ax.com>
Source record: 51535

On Thu, 05 Oct 2006 15:24:59 GMT, ricknj10@hotmail.com (Rick) wrote:

>I am sure you all have been experiencing the recent onslaught of off
>topic postings in the antenna newsgroup. Subjects such as CB, code,
>etc. Character assinations, childish BS. What follows is an idea I
>have to combat this foolishness. I am dead serious about this. If
>you are interested in participating, read on.
>
>It happens when someone initiates a posting and "cross posts" it to
>multiple newsgroups including rec.radio.amateur.antenna. They do this
>because they think they reach a wider audience, instead of confining
>their subject to the appropriate newsgroup (such as, possibly,
>rec.radio.amateur.policy). They really aren't too smart and they
>don't have any manners or or appreciation of netiquette at all. Then
>what happens is someone sees their posting and decides to add their 2
>cents worth, and they just use the default list of newsgroups which
>was included in the original posting, and voila! their reply also goes
>to 6 different newsgroups.
>
>I have an idea to rid us of this littering. Take an off topic
>posting, do a reply to it, be sure to edit your posting so that it
>DOES NOT appear in the antenna newsgroup. This is vital. In your
>reply posting just post a simple one line message, something like "I
>agree" or "yeah, right on Dude." Do it as many times as your energy
>lasts. (It would not hurt to edit your reply email to some bogus
>address so you do not get flames).
>
>Now, when someone in another newsgroup sees the offending thread, they
>will begin reading it, and see dozens of useless messages (all those
>"I agree, Dude" messages). Remember, these replies are not showing up
>in the antenna newsgroup.

Is the cluttering other newsgroup(s) with dozens of spurious replies a
solution? Or just adding to the problem?

bob
k5qwg

> After someone has read 50 of them they will
>get the message. If they choose to do a reply, remember they are not
>smart enough to know better, their reply will only go to the
>newsgroups which you have left in place.
>
>Ok? Agree? Pick the next crap, off topic posting you see and fire
>away, along with me.

>
>Rick K2XT

362. Re: Problem with off topic postings in antenna newsgroup

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 18:56:56 UTC
From: Michael Coslo <mjc5@psu.edu>
Message-ID: <eg3kho$vr8$1@f04n12.cac.psu.edu>
Source record: 51536

```
Cecil Moore wrote:
> Rick wrote:
>> Now, when someone in another newsgroup sees the offending thread, they
>> will begin reading it, and see dozens of useless messages (all those
>> "I agree, Dude" messages). Remember, these replies are not showing up
>> in the antenna newsgroup.
>
> What's to keep the same low-lifes from replying, "I agree
> too, Dude", and re-directing it back to r.r.a.a?

I agree Dude!

- 73 de Mike KB3EIA -
```

363. Re: Problem with off topic postings in antenna newsgroup

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 19:06:41 UTC
From: Michael Coslo <mjc5@psu.edu>
Message-ID: <eg3l42$n84$1@f04n12.cac.psu.edu>
Source record: 51537

Rick wrote:
>> What's to keep the same low-lifes from replying, "I agree
>> too, Dude", and re-directing it back to r.r.a.a?
>
> Because they are clueless to how Usenet works. The message they are
> replying to is NOT in r.r.a.a, it is now in some other newsgroup, and
> there are let's say, 50 of them, so many that it is an annoyance to
> even read through them. So when they finally have had enough after
> reading 10 of the 50, they decide to reply, their stupid reply will
> only go to the newsgroups that are in the message they are replying to
> (which does NOT contain r.r.a.a). Ok? Got it?

Indeed, the major offender - the one who has extreme spelling challenges, knows exactly what he is doing. He keeps multiple addresses to avoid posting limits, and if you reply to his messages in a manner in which he disagrees with, you'll get replies from all of 'em.

The wonderful people involved in this are branching out from their usual newsgroups because they aren't getting the attention they crave there. Most of the old regulars are gone from rrap, and if there isn't anyone to fight with, it ain' no fun, man!

If you do use your tactic, which does have some attraction to it, you might want an anonymizer.

- 73 de Mike KB3EIA -

364. Re: Problem with off topic postings in antenna newsgroup

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 19:08:10 UTC
From: Michael Coslo <mjc5@psu.edu>
Message-ID: <eg3l6q$n84$2@f04n12.cac.psu.edu>
Source record: 51538

Bob Miller wrote:

> Is the cluttering other newsgroup(s) with dozens of spurious replies a
> solution? Or just adding to the problem?

What might be a solution? These folk know their way around filters.

- 73 de Mike KB3EIA -

365. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 19:36:17 UTC
From: Phil Wheeler <wt6uh-ng7@yahoo.com>
Message-ID: <R8dVg.263$zy2.260@tornado.socal.rr.com>
Source record: 51539
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

AC7PN wrote:
> Slow Code wrote:
>> Or is it like talking to someone on CB?
>>
>> SC
>
> The answer is "yes it is a real contact" and so far as you were
> communicating with some one using a radio it also is "like talking to
> someone on CB."
>
> Dude, your arrogance is showing.
>

I would have said ignorance ;)

73, Phil W7OX

366. Re: Ping Blow Code the pretend ham

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 19:48:44 UTC
From: "LenAnderson@ieee.org" <LenAnderson@ieee.org>
Message-ID: <1160077724.805256.171580@e3g2000cwe.googlegroups.com>
Source record: 51540
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

From: Opus- on Wed, Oct 4 2006 6:58 pm

>You seem pretty knowledgeable so I need some assistance at
>understanding something.

Jim, that statement is bound to ignite more flame war
stuff in here, heh heh heh heh heh...

>What I can't understand is the the incredibly childish attitude of
>some of the pro-coders here.

Part of that is the Nature of the Beast, the computer-
modem mode of communications. The 'Beast' got 'steroids'
with the ability to send 'anonymous' messages (they
think...traceability is possible but only through
systems administrators' access to the 'Net). When that
happened the early male adolescent behavior surfaced
with all its immaturity.

Having participated in computer-modem communications
locally and networked since December 1984, I've seen
quite a bit of that. It is clinically, also morbidly
fascinating to me. Since most of my early experiences
were on local BBSs there was the opportunity to meet
socially with those participants, get real clues to
the person instead of just seeing their words on a
screen. In most their words echoed their up-close
personnae. In perhaps a quarter of them their
fantasies and imaginations ruled their screen words,
their public, social interaction being nowhere near
that and they were relatively subdued, few having
'remarkable' lives. It could be said that their
computer-modem personnae represented their
imaginations given a pseudo-life, something to
fantasize about to relieve their everyday lives'
frustrations.

With the ability to be anonymous (through some 'Net
servers) those imaginations and frustrations can be
let out full force. The 'anonymous' ones become
aggressive, 'in-your-face' types, no longer mindful
of normal social, in-person behavior rules. This is
aided by the relative isolation of time and distance
of messaging. The aggressive ones need have no fear
of physical confrontation as a result of their words,

they can act 'tough' or abusive or insulting in
safety. Ergo, many found emotional 'relief' in the
filthy venting we've all seen in just this newsgroup.

It's a not-nice condition in some humans to have
their (usually suppressed) anger, frustration,
bigotry so close to the surface but it does exist
in them. It can turn to rage and action in rare
cases, thus the stories of violence that show up in
the news. Humans aren't perfect by a long shot.
Civilization requires a greater suppression of that
internal rage, anger, frustration for the common
good but some think internally that they are 'better'
than the common folk. Hence we get the overtones of
'superiority' through sub-groups in which their
capabilities are exaggerated in those groups' self-
righteous descriptions of themselves.

That isn't confined to amateur radio. It exists
all along the human experience.

>For me, the confusion stems from having
>known several old timer hams while growing up. I looked up to them.

Understandable from the viewpoint of younger people. I
think we've all had such experiences...mine were scarce
in regards to amateur radio in my hometown but there
were lots with other life experiences that were fun to
listen to and to respect.

>They were older gentlemen that had some fascinating knowledge and
>great stories to tell about their ham radio hobby. This was back in
>the 60's and early 70's so they are all gone now.

Being of a younger age, my growing-up days 'old
timers' were rather focussed on the experience of
World War II. "Radio" per se was seldom mentioned
as a part of that.

What is most interesting (to me) is finding out later
that some of them were exaggerating what they said
and a few were downright liars! :-)

If one survives long enough to become the same age
as those 'old timers' (in a relative chronological
way that is), it is easier to see where they are
coming from! Much easier...! :-)

>I am sure now that they are spinning in their graves, after the spew
>puked up by some of the pro-coders.

Well, if the afterlife allows such observation of
mortals, I'm of the opinion that those old 'old-timers'

are having a good time and laughing at the mortals'
shenanigans!

>Not all of them, to be fair, but a few loud ones stand out.

The loud ones stand out because they MUST stand out
and make everyone pay attention to them. Their EGO
demands it. They want to RULE, to control, to judge,
to be in-charge. In here those are confined to the
pro-coders or who USE their tested morsemanship
(however long ago that happened, if it ever did)
to show "how good" they are.

>I still can't figure out how a statement about how CW is just beeps[
>as opposed to voice on the same hardware] became transmuted into a
>requirement that I should hate usenet.

Not surprising to me. Those fixated on their alleged
superiority dispense with logic, go emotional, and
become one with the rabble, the filth-spewers. They
are NOT interested in anything but making themselves
look good to themselves on their own screens. They
have little recognition that the same 'message' they
sent is read by anyone else but the recipient...when
it may be read by thousands of others who never reply.

>That kind of blatant mis-direction seems to be quite common.

I agree. Such misdirection is common on just about
every newsgroup, has precedence in the BBSs, even on
the old ARPANET just before it morphed into USENET.
Lacking the validity of anything but their own
experiences, they toss logic out the window and
consentrate on 'conquering' the message thread.

>The statement is quite simple...a voice on the airwaves can convey
>much more information than just the words spoken but CW can only
>convey the words.

You know that, I know that, and hundreds of thousands
of other humans know that. That's the reason that
all other radio services except amateur radio have
dispensed with on-off keying radiotelegraphy for
communications purposes. At least in the USA; I
don't have enough information about Canada's use of
communications modes to verify that.

>Since the medium and usually the hardware is exactly
>the same weather or not a microphone or a key is used, why bother with
>a key that is much more limited?

Logic in such an argument is NOT desired by pro-coders.
They are fixated on the medium, not the message. They

got their rank-status-privileges mainly through their morsemanship and their egos demand that Their desires should be those of all.

Part of that fixation on radiotelegraphy in the USA is a result of the tremendous amount of ham-oriented publications of the ARRL. The ARRL emphasizes radio-telegraphy as the ne-plus-ultra of amateur radio skills. Since the ARRL has a virtual monopoly on amateur radio publications here, has had that for at least seven decades, they can and have managed to condition the thinking of American amateur radio licensees in favor of radiotelegraphy.

Those who've been conditioned will not understand that they've been imprinted but insist it like some 'natural order of things.' Further, they tend to out-rage and the very idea that they've been brainwashed! Such outrage takes on a religious fervor at times.

>Somehow, this relates to pixels on my
>screen but I have yet to understand why my opponent felt the need to
>misdirect, misrepresent and misquote. Can none of the pro-coders make
>a valid point?

Few can. In here I'd say that NONE can.

Your 'opponent' wasn't trying to argue logically. Klein was obviously using emotion as an 'argument,' frustrated at not being able to 'triumph' in a message exchange.

>Why do some of them feel that insulting my daughter will make their
>point valid?

It is an emotional ATTACK ploy. It is common in nearly all newsgroups. Those that do these sort of things can get away with it, unworried about any direct physical confrontation that might ensue.

>Are their points so weak that they resort to vulgar
>insults instead of engaging in debate?

Yes.

>Now, there will be some spew directed towards my post.

Of course...and to this reply. One can 'take that to the bank.' :-)

>They can go
>ahead and prove that turning ham into CB will most certainly be a
>great improvement to the ARS.

Well, the expressed bigotry against CB by hams is a very
old thing going back to 1958 when the FCC created "Class
C and D" CB service on an 11 meter frequency band de-
allocated from amateur radio use down here. Having to
work both with and for some old-time hams, I heard mostly
howls of outrage and indignation that the FCC 'dared' to
take away 'their' band and 'give' it to 'civilians.'
Worse yet, NO TEST, not the slightest requirement to
demonstrate morsemanship in order to use an HF band! :-)

> I NEVER knew anybody on CB that was as
>rude and vulgar as some of the pro-coders here.

I have to agree with you. The vast majority of CB use
down here is on highways, mostly by truckers but a large
number of RV-driving vacationers are there, too. At
worst, some trucker might go into a long tale of some-
thing (that only a few consider funny) but I have yet
to hear outright personal insults on CB. I quit
using CB mobile in late 1999 after selling my '82
Camaro but a twice-a-year fire-up of CB at home doesn't
indicate anything different; this residence in southern
California is only a half mile from our Interstate 5,
a major highway north-south near the Pacific coast. Our
cell phone now works so well on major highways that we
don't have any consideration of installing any other
radio in our present car.

>And, ironically, *I* am the one told to grow up. That's just too
>funny.

Well, that's how it goes. :-) Expect more of that
kind of comment. I dare say it will occur under
'moderation' as well.

When a pro-coder says "grow up," they really mean "think
like I think, appreciate only what I like, etc." They
use that little throw-away line in lieu of a personal
insult, a button-pushing phrase to get their 'opponent'
angry. Sometimes it works, but most of the time it is
just their stupid way of attempting retaliation.

LenAnderson@ieee.org

367. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 20:21:35 UTC
From: an old friend <kb9rqz@hotmail.com>
Message-ID: <1160079695.587060.11740@m7g2000cwm.googlegroups.com>
Source record: 51541
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

```
Phil Wheeler wrote:
> AC7PN wrote:
> > Slow Code wrote:
> >> Or is it like talking to someone on CB?
> >>
> >> SC
> >
> > The answer is "yes it is a real contact" and so far as you were
> > communicating with some one using a radio it also is "like talking to
> > someone on CB."
> >
> > Dude, your arrogance is showing.
> >
>
> I would have said ignorance ;)
>
> 73, Phil W7OX
both are enteirly accurate
```

368. Re: Problem with off topic postings in antenna newsgroup

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 20:28:10 UTC
From: "kb9rqz@hotmail.com" <kb9rqz@hotmail.com>
Message-ID: <1160080089.976507.88010@e3g2000cwe.googlegroups.com>
Source record: 51542

Michael Coslo wrote:
> Rick wrote:

>
> Indeed, the major offender - the one who has extreme spelling
> challenges, knows exactly what he is doing. He keeps multiple addresses
> to avoid posting limits, and if you reply to his messages in a manner in
> which he disagrees with, you'll get replies from all of 'em.
not sure Mike if you are refering to me but thank you i do know what I
am doing OTOH you do not

tell me how did you moderated to death effort to rep[lace RRAP go
did you learn when you surpess desent you kill discusioons of issues

I never added radio NG to posting never I lleave as is since if I am
libled in the post I want the response to go to all of them I was
libeled in

prehaps mike is you had foucsed your anager on theose using slibel and
chrater assignation years ago instead of tolerating and rewarding it
things would not be so bad

but of course NOTHING is your responsiblity even in part

369. Re: Problem with off topic postings in antenna newsgroup

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 20:30:26 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12iaqr49r83ls0d@corp.supernews.com>
Source record: 51543

In addition to the problems others have pointed out, following this advice would result in our spamming other newsgroups. The folks at most of the other newsgroups are just as annoyed and not to blame as we are, yet we'd be adding to their QRN. How would you like it if the folks on one of those newsgroups were to do the same thing you propose? I'll add that the mental- and maturity-challenged people making these postings thrive on attention of any kind, and even meaningless responses confirm that their postings are attracting the attention they crave.

I don't have a solution for it, any more than I have a solution for spam. I've developed ways to deal with over 200 spams a day, and if this gets too much out of hand, I'll find some way to deal with it too. A Thunderbird add-in allowing plonking all cross-posted messages or ones cross-posted to certain other groups probably wouldn't be too difficult, and would provide relief for Thunderbird users at least.

In the meantime, it comes with the territory, like mosquitoes in the woods and roaches in cheap hotels. It's sad that people can reach physical adulthood without advancing beyond that level of maturity, but it's a fact of life. And we've got to keep working around it and not let their inanity push out the people wanting to talk about antennas. But I don't agree with this suggestion as a way to fight it.

Roy Lewallen, W7EL

Rick wrote:
> I am sure you all have been experiencing the recent onslaught of off
> topic postings in the antenna newsgroup. Subjects such as CB, code,
> etc. Character assinations, childish BS. What follows is an idea I
> have to combat this foolishness. I am dead serious about this. If
> you are interested in participating, read on.
> . . .

370. Re: Problem with off topic postings in antenna newsgroup

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 20:50:58 UTC
From: Michael Coslo <mjc5@psu.edu>
Message-ID: <eg3r7i$176u$1@f04n12.cac.psu.edu>
Source record: 51544

kb9rqz@hotmail.com wrote:
> Michael Coslo wrote:
>> Rick wrote:
>
>> Indeed, the major offender - the one who has extreme spelling
>> challenges, knows exactly what he is doing. He keeps multiple addresses
>> to avoid posting limits, and if you reply to his messages in a manner in
>> which he disagrees with, you'll get replies from all of 'em.
> not sure Mike if you are refering to me but thank you i do know what I
> am doing OTOH you do not
>
> tell me how did you moderated to death effort to rep[lace RRAP go
> did you learn when you surpess desent you kill discusioons of issues
>
> I never added radio NG to posting never I lleave as is since if I am
> libled in the post I want the response to go to all of them I was
> libeled in
>
> prehaps mike is you had foucsed your anager on theose using slibel and
> chrater assignation years ago instead of tolerating and rewarding it
> things would not be so bad
>
> but of course NOTHING is your responsiblity even in part

And there you have it!

Thanks for proving my point Mr. Morgan. I don't really know why you do
what you do, but for whatever reason you do it.

_73 de mike KB3EIA -

371. Re: QTFTWWAC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 21:11:35 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1160082695.770146.66480@i3g2000cwc.googlegroups.com>
Source record: 51545

Absolutely not ignoring you Walt... Your name is certainly known to me... Shucks I have been reading my pablum stained copy of 'reflections' for years... I have to say it is tough sledding when one reads by sliding his finger along the print whilst making lip movements... Could you have used shorter words, say less than one syllable, for folks like me - especially the preface?

Now, on the pencil tuner - scouts honor on the facts I posted - if you think the end of a half wave antenna won't bite, try it! From the color of the burns on my finger I would say that it was at least 1834z +/- j1571...

I did not see an email from you in the inbox... Nope not spoofing my email, but it may be an outdated one... Current Email address is:

ad4hk2004@yahoo.com

Give me a buzz... I just dropped a note to Arch Doty on the counterpoise topic...
I'm leaving the office now 5:10 pm... Won't see any replies until tomorrow am... Going home to cruise the bottom of 40 meters...

cheers ... denny / k8do

Walter Maxwell wrote:

> And did you not receive an email from me? I know my attempt at humor doesn't
> begin to compare with yours, but I thought at least we could become acquainted,
> so why are you ignoring me?
>
> Walt, W2DU

372. Re: Problem with off topic postings in antenna newsgroup

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 22:08:04 UTC
From: "kb9rqz@hotmail.com" <kb9rqz@hotmail.com>
Message-ID: <1160086084.556784.249090@k70g2000cwa.googlegroups.com>
Source record: 51546

Michael Coslo wrote:
> kb9rqz@hotmail.com wrote:
> > Michael Coslo wrote:

not sure Mike if you are refering to me but thank you i do know what I
am doing OTOH you do not

tell me how did you moderated to death effort to rep[lace RRAP go
did you learn when you surpess desent you kill discusioons of issues

I never added radio NG to posting never I lleave as is since if I am
libled in the post I want the response to go to all of them I was
libeled in

prehaps mike is you had foucsed your anager on theose using slibel and
chrater assignation years ago instead of tolerating and rewarding it
things would not be so bad

but of course NOTHING is your responsiblity even in part
>
>
>
>
> And there you have it!
>
> Thanks for proving my point Mr. Morgan.
what point?

373. Re: Ping Blow Code the pretend ham

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 22:18:45 UTC
From: an old friend <kb9rqz@hotmail.com>
Message-ID: <1160086725.473807.123580@i3g2000cwc.googlegroups.com>
Source record: 51547
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

LenAnderson@ieee.org wrote:
> From: Opus- on Wed, Oct 4 2006 6:58 pm
>
> >You seem pretty knowledgeable so I need some assistance at
> >understanding something.
>
> Jim, that statement is bound to ignite more flame war
> stuff in here, heh heh heh heh...
maybe not maybe they will avoid the flame bait this once since you
saidf they would flame on
> >And, ironically, *I* am the one told to grow up. That's just too
> >funny.
>
> Well, that's how it goes. :-) Expect more of that
> kind of comment. I dare say it will occur under
> 'moderation' as well.
>
> When a pro-coder says "grow up," they really mean "think
> like I think, appreciate only what I like, etc." They
> use that little throw-away line in lieu of a personal
> insult, a button-pushing phrase to get their 'opponent'
> angry. Sometimes it works, but most of the time it is
> just their stupid way of attempting retaliation.
that line storkies suddenly of a memory of a movie omen 3 the final
conflict where thron is talking about his his role as president of some
youth concil something like "....we tell them to grow meaning wiat till
you have grown old then you will think like we do"
>
> LenAnderson@ieee.org

374. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 23:35:13 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <REgVg.7671$o71.3653@newsread3.news.pas.earthlink.net>
Source record: 51548
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Rich <nobody@nowhere.com> wrote in
news:2nh7i21qdu0rbet7vuco1n2tj55a5tivj5@4ax.com:

> On Wed, 04 Oct 2006 00:17:24 GMT, Slow Code <my.mail@no.spam> wrote:
>
>>
>>If we raise the CW speed to 20 WPM for all classes including the Tech
>>class, hams will tend to study the theory more while they build up their
>>code skill and they will understand the theory better and won't need to
>>ask silly questions. So increasing the speed requirement will get us
>>better & smarter hams.
>>
>>Lazy people that don't want to learn anything will stay on CB and die in
>>shoot-outs with each other in shopping mall parking lots which will help
>>clean up the CB band. To me it looks like a Win Win situation. What do
>>you think?
>>
>>SC
>
> i think your logic is faulty. raising the code speed is just as
> likely to reduce the overall numbers of amateurs, maybe to the point
> that our service becomes extinct. i don't see any relationship
> between an increased code speed requirement and hams studying more
> theory.
>
> while it may be true that individuals who want neither to learn code
> or theory for a ham ticket will remain on CB, to paint all CB'ers with
> that brush is wrong. some CB'ers enjoy that band. i've had my ham
> ticket for over 25 years now and still find CB useful when we're out
> on one of our RV trips.
>
> and don't assume that because someone has a ham ticket that they
> suddenly undergo some sort of personality change. there are persons
> holding ham tickets that are just as dopey and prone to doing all
> sorts of illegal and dangerous things. we've all read about them.
> the latest one i recall is the ham that recently received a prison
> sentence for his ongoing jamming operations.
>
> 73,
> rich, n9dko

Yes, Some people are lazy and as long as there is a CW requirement they won't go for a ham license, or upgrade beyond tech. They don't really want to be hams enough to put out an effort to be one, but the ones that go for the CW and written exams really want to be hams, and will stick with the service and will be an important part of keeping it going.

SC

375. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 23:35:17 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <VEgVg.7674$o71.6241@newsread3.news.pas.earthlink.net>
Source record: 51549
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Phil Wheeler <wt6uh-ng7@yahoo.com> wrote in
news:R8dVg.263$zy2.260@tornado.socal.rr.com:

> AC7PN wrote:
>> Slow Code wrote:
>>> Or is it like talking to someone on CB?
>>>
>>> SC
>>
>> The answer is "yes it is a real contact" and so far as you were
>> communicating with some one using a radio it also is "like talking to
>> someone on CB."
>>
>> Dude, your arrogance is showing.
>>
>
> I would have said ignorance ;)
>
> 73, Phil W7OX

Don't tell me You want to dumb down ham radio now as well. Where have all
the communicators gone?

SC

376. Re: Problem with off topic postings in antenna newsgroup

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 23:35:19 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <XEgVg.7676$o71.1711@newsread3.news.pas.earthlink.net>
Source record: 51550
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

richardharrison@webtv.net (Richard Harrison) wrote in
news:4602-4525302A-1375@storefull-3253.bay.webtv.net:

> Rick wrote:
> "Subjects such as CB, code, etc,"
>
> Some insist CB is an "either-or" relationship with code. The FCC has
> assigned space for both. Amateur radio operators have imagined their
> own problems.
>
> The "Morse code forever" characters are nearly all retirees hanging on
> to an obsolete mode now replaced by other digital modes and analog
> communications. The U.S. military abandoned Morse long ago. It hangs on
> in the imagination of some unreconstructed "coots".
>
> I`d like my grandchildren to have fun with radio and not bother with
> Morse. "You don`t make people learn how to ride a horse before they
> drive a car".

Do you have a spare tire in your car in case you get a flat tire? Ham radio without a CW requirement is like driving your car around without a spare tire. Why do you people want to dumb everything down all the time.

Eliminating CW is a loss in the number of ways we can communicate.

SC

377. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-05 23:59:30 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <eg46gjrmh1@news.service.uci.edu>
Source record: 51551

Cecil Moore wrote:
> Remember, these are photonic
> EM waves.

I'm gonna write that down.

> You still didn't give me a word for that change in momentum.

In my opinion, when you have a change in momentum, you should rightly
refer to it as a change in momentum.

So, should momentum change? Or should we expect it to be conserved?

> Walter Maxwell calls it "re-reflected". I would be satisfied
> with "re-directed' or "momentum-reversed". What would you
> like to name it?

I still like "Cecil's 4th Mechanism of Reflection" best.

> While you are at it, you never did give me a word for watts
> that are not power.

Ask again after you've come to understand the difference between a
unit of measurement and a defined physical quantity.

73, Jim AC6XG

378. Re: Problem with off topic postings in antenna newsgroup

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 00:20:16 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <4525a10c$0$1008$39cecf19@news.twtelecom.net>
Source record: 51552

Rick wrote:

>>What's to keep the same low-lifes from replying, "I agree
>>too, Dude", and re-directing it back to r.r.a.a?
>
>
> Because they are clueless to how Usenet works. The message they are
> replying to is NOT in r.r.a.a, it is now in some other newsgroup, and
> there are let's say, 50 of them, so many that it is an annoyance to
> even read through them. So when they finally have had enough after
> reading 10 of the 50, they decide to reply, their stupid reply will
> only go to the newsgroups that are in the message they are replying to
> (which does NOT contain r.r.a.a). Ok? Got it?
>
> Rick

Rick

Unfortunately, they are NOT cluless as to how it works. They play this
game most of their waking hours. They know more about it than you, me
and any 10 people you can name combined. And I work in the ISP biz.

tom
K0TAR

379. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 00:23:19 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <XlhVg.7774$TV3.1379@newssvr21.news.prodigy.com>
Source record: 51553

Jim Kelley wrote:
> Cecil Moore wrote:
>> Remember, these are photonic EM waves.
>
> I'm gonna write that down.

Write this down while you are at it.

>> In modern physics, the photon is the elementary particle
>> responsible for electromagnetic phenomena. It mediates
>> electromagnetic interactions and is the fundamental
>> constituent of all forms of electromagnetic radiation,
>> that is, light. The photon has zero rest mass and, in
>> empty space, travels at a constant speed c;
>>
>> According to the Standard Model of particle physics,
>> photons are responsible for producing all electric and
>> magnetic fields, and are themselves the product of
>> requiring that physical laws have a certain symmetry
>> at every point in spacetime.
>>
>> Nevertheless, all semiclassical theories were refuted
>> definitively in the 1970's and 1980's by elegant photon-
>> correlation experiments.

> So, should momentum change? Or should we expect it to be conserved?

Momentum is conserved. A change in momentum is a change in
the direction of momentum, not a change in the magnitude.
Hams call that a reflection. What do you call it?

> I still like "Cecil's 4th Mechanism of Reflection" best.

If you don't like the word "reflection" for what happens at
a non-reflective thin-film coating, please give me another
word for it. I could easily call the physical happening by
another name. "A rose by any other name ..."

> Ask again after you've come to understand the difference between a unit
> of measurement and a defined physical quantity.

Jim, in engineering, all watts are power. That's an engineering
convention. I'm sorry that your physicist conventions are different
but amateur radio is part of RF engineering. Sorry about that.
--
73, Cecil, http://www.qsl.net/w5dxp

380. When you going to pay your debt

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 00:42:15 UTC
From: Mark@kb9rqz.net
Message-ID: <6i9bi2pqjjc2p2dc8e8vldmfuj128n53u7@4ax.com>
Source record: 51554
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Thu, 05 Oct 2006 23:35:17 GMT, Slow Code <my.mail@no.spam> wrote:

When you going to pay your debt
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

381. When you going to pay your debt

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 00:42:44 UTC
From: Mark@kb9rqz.net
Message-ID: <nj9bi296thvr0k2naoi05q4qkk39d7snh7@4ax.com>
Source record: 51555
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Thu, 05 Oct 2006 23:35:13 GMT, Slow Code <my.mail@no.spam> wrote:

When you going to pay your debt
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

382. When you going to pay your debt

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 00:44:23 UTC
From: Mark@kb9rqz.net
Message-ID: <um9bi2pgs2qdajo4h047hj80gm23dv7e09@4ax.com>
Source record: 51556
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

On Thu, 05 Oct 2006 23:35:19 GMT, Slow Code <my.mail@no.spam> wrote:

When you going to pay your debt
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

383. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 01:21:28 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <eg4bab$1u7$1@news.service.uci.edu>
Source record: 51557

Cecil Moore wrote:

>>> In modern physics, the photon is the elementary particle responsible
>>> for electromagnetic phenomena. It mediates electromagnetic
>>> interactions and is the fundamental constituent of all forms of
>>> electromagnetic radiation, that is, light. The photon has zero rest
>>> mass and, in empty space, travels at a constant speed c;
>>> According to the Standard Model of particle physics, photons are
>>> responsible for producing all electric and magnetic fields, and are
>>> themselves the product of requiring that physical laws have a certain
>>> symmetry at every point in spacetime.
>>>
>>> Nevertheless, all semiclassical theories were refuted definitively in
>>> the 1970's and 1980's by elegant photon-
>>> correlation experiments.

Sounds impressive. Are you running for office by any chance?

>
>> So, should momentum change? Or should we expect it to be conserved?
>
>
> Momentum is conserved. A change in momentum is a change in
> the direction of momentum, not a change in the magnitude.
> Hams call that a reflection. What do you call it?

So is your claim that, to "hams", a change in the magnitude of
momentum is not called a change in momentum?

>> I still like "Cecil's 4th Mechanism of Reflection" best.
>
>
> If you don't like the word "reflection" for what happens at
> a non-reflective thin-film coating, please give me another
> word for it. I could easily call the physical happening by
> another name. "A rose by any other name ..."

Actually an antireflective coating does not reflect energy. Hence the
name. If I had to give it a name I guess I'd call it an
anti-reflection. Howz that?

>> Ask again after you've come to understand the difference between a
>> unit of measurement and a defined physical quantity.
>
>
> Jim, in engineering, all watts are power. That's an engineering

> convention. I'm sorry that your physicist conventions are different
> but amateur radio is part of RF engineering. Sorry about that.

I get it that you're sorry. That wouldn't be rhetorical sorrow by any chance, would it? As I said, please let us know when you come understand the difference between units and physical quantities. I don't need to give you the energy in 25 candy bars divided by the number of minutes in a regulation NBA game example again, do I?

73, Jim AC6XG

384. Re: HF Mobile - Grounding Antenna when stationary

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 01:58:39 UTC
From: VK2KCE <vk2kce@yahoo.com.au>
Message-ID: <jLiVg.42149$rP1.5863@news-server.bigpond.net.au>
Source record: 51558

Korbin,
I have just done a heap of experimenting on 80m using a Terlin Outbacker "Outreach" mobile whip.
I found that it made none or little difference when using 4 x 1/4 wavelength radials.
I then used a 33 ft fibreglass extendable pole with a dipole attached, certainly and naturally it outperformed the mobile whip.
I made up a full wave loop on 80m, slung it vertically between 2 large trees, and found it out performed the dipole, mainly because of the noise level was lower than either the mobile whip or the dipole.
On receive the full wave loop was the best, followed by the inverted vee and lagging way behind was the mobile whip.
my 2 cents worth.
John

"Korbin Dallas" <korbindallas@dogeit.com> wrote in message news:Uem7g.54594$Eh4.50096@trnddc01...
: On Sun, 07 May 2006 10:33:51 +0930, OZUser wrote:
:
: > As an avid 4WD SUV owner I do a lot of outback travelling (Austrlian
: > Deserts, Cape York, Kimberly Coast) and as such have a Barrett 950 HFradio
: > &Barrett 910 Autotune antenna installed for comms.
: >
: > Would it be preferable when camped / stationary to earth the vehile to a
: > "ground" ground = what I am looking for is a better receive signal ?????
:
: Switching to a Dipole antenna suspended from the trees would be a Major
: step upward in performance.
:
: Mobile antennas have very low efficiency, grounding them will not improve
: that significantly relative to the dipole.
:
: KD

385. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 02:15:20 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <Y_iVg.14109$5o5.3236@tornado.texas.rr.com>
Source record: 51559
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

"Slow Code" <my.mail@no.spam> wrote in message
news:VEgVg.7674$o71.6241@newsread3.news.pas.earthlink.net...
> Phil Wheeler <wt6uh-ng7@yahoo.com> wrote in
> news:R8dVg.263$zy2.260@tornado.socal.rr.com:
>
>> AC7PN wrote:
>>> Slow Code wrote:
>>>> Or is it like talking to someone on CB?
>>>>
>>>> SC
>>>
>>> The answer is "yes it is a real contact" and so far as you were
>>> communicating with some one using a radio it also is "like talking to
>>> someone on CB."
>>>
>>> Dude, your arrogance is showing.
>>>
>>
>> I would have said ignorance ;)
>>
>> 73, Phil W7OX
>
>
> Don't tell me You want to dumb down ham radio now as well. Where have all
> the communicators gone?
>
> SC

Any idiot can learn code. Not everyone can understand theory enough to make
it usable in day to day practice. I submit that SC is the "any idiot".

386. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 02:27:36 UTC
From: an old friend <kb9rqz@hotmail.com>
Message-ID: <1160101656.064714.21610@m7g2000cwm.googlegroups.com>
Source record: 51560
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

U-Know-Who wrote:
> "Slow Code" <my.mail@no.spam> wrote in message
> news:VEgVg.7674$o71.6241@newsread3.news.pas.earthlink.net...

>
> Any idiot can learn code. Not everyone can understand theory enough to make
> it usable in day to day practice. I submit that SC is the "any idiot".
and knowing is not even vital to using it these days

387. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 03:03:18 UTC
From: Phil Wheeler <wt6uh-ng7@yahoo.com>
Message-ID: <WHjVg.293$zy2.104@tornado.socal.rr.com>
Source record: 51561
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

```
Slow Code wrote:
> Phil Wheeler <wt6uh-ng7@yahoo.com> wrote in
> news:R8dVg.263$zy2.260@tornado.socal.rr.com:
>
>> AC7PN wrote:
>>> Slow Code wrote:
>>>> Or is it like talking to someone on CB?
>>>>
>>>> SC
>>> The answer is "yes it is a real contact" and so far as you were
>>> communicating with some one using a radio it also is "like talking to
>>> someone on CB."
>>>
>>> Dude, your arrogance is showing.
>>>
>> I would have said ignorance ;)
>>
>> 73, Phil W7OX
>
>
> Don't tell me You want to dumb down ham radio now as well. Where have all
> the communicators gone?
>
> SC

Since when was talking as in Phone SSB not
"communication". Sure code is fine, but most of
us learned to key "mama" long after we learned to
say it ;)

73, Phil W7OX
```

388. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 04:05:27 UTC
From: kd5sak <kd5sak@sbcglobal.net>
Message-ID: <bCkVg.19910$lj.1978@newssvr14.news.prodigy.com>
Source record: 51562
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Barry OGrady" <god_free_jones@yahoo.com> wrote in message
news:da6bi21rkqhhpcm0k561mij2cs1qctksrb@4ax.com...
> On Sat, 30 Sep 2006 00:36:36 GMT, Slow Code <my.mail@no.spam> wrote:
>
>>No, numbers are decreasing because ham radio has been dumbed down so
>>having a ham license isn't worth anything anymore and people are leaving.
>
> Interesting, because AR offers more than just communication.
>
>>SC
>
> Barry
>
I know the comment about people leaving Amateur radio isn't Barrys comment,
but thought I'd address it anyway. I was 69 when I got my Tech license and
72 by the time I made myself pass the code test and got my General. A lot of
the avid pro-morse Hams are even older than I am. I know of no one locally
who has just quit the hobby and those senior to me are not leaving
on their own at all, when they do stop Hammin' it's 'cause their keys went
silent. I never used code after passing the test. I've got the thought in
the back of my mind that I may sometime
pursue a little CW, but it all depends on when I get my own SK notice.

Harold
KD3SAK

389. Why is copper better than steel for wire antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 05:21:00 UTC
From: Tony VE6MVP <tony@REMOVEve6mvp.com>
Message-ID: <tepbi2pn7jm8055qh5p1970rftghnl7r7e@4ax.com>
Source record: 51563

Folks

So I'm reading the 2006 ARRL Handbook page 22.6, There is a single line stating "Steel wire is a poor conductor at RF; Avoid it." Any idea why? Or is this just one of those physical properties?

So how much poorer than copper? Steel clothesline is easily obtained and not that expensive. Admittedly though I haven't done much research on copper or the other type of wires the Handbook mentions.

Tony

390. Re: Why is copper better than steel for wire antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 05:46:43 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <mcrbi252tf9tcnolcr3857rk7dciqggle7@4ax.com>
Source record: 51564

On Fri, 06 Oct 2006 05:21:00 GMT, Tony VE6MVP <tony@REMOVEve6mvp.com>
wrote:

>Folks
>
>So I'm reading the 2006 ARRL Handbook page 22.6, There is a single
>line stating "Steel wire is a poor conductor at RF; Avoid it." Any
>idea why? Or is this just one of those physical properties?
>
>So how much poorer than copper? Steel clothesline is easily obtained
>and not that expensive. Admittedly though I haven't done much
>research on copper or the other type of wires the Handbook mentions.
>
>Tony

Hi Tony,

Go ahead and use steel clothesline, it will work fine.

73's
Richard Clark, KB7QHC

391. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 06:07:48 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <mjrbi2hnuagqqic4e15sbcf91v6hctjp2u@4ax.com>
Source record: 51565

On Thu, 05 Oct 2006 18:21:28 -0700, Jim Kelley <jwkelley@uci.edu>
wrote:

>
>
>Cecil Moore wrote:
>
>>>> In modern physics, the photon is the elementary particle responsible
>>>> for electromagnetic phenomena.

Sounds like the egg is responsible for sex. What happened to
electrons?

>>>>It mediates electromagnetic
>>>> interactions and is the fundamental constituent of all forms of
>>>> electromagnetic radiation, that is, light. The photon has zero rest
>>>> mass and, in empty space, travels at a constant speed c;

That speed is hardly constant, it is relative. Or so Einstein would
have us believe.

>>>> According to the Standard Model of particle physics, photons are
>>>> responsible for producing all electric and magnetic fields,

Baloney cut thick.

>>>>and are
>>>> themselves the product of requiring that physical laws have a certain
>>>> symmetry at every point in spacetime.
>>>>
>>>> Nevertheless, all semiclassical theories were refuted definitively in
>>>> the 1970's and 1980's by elegant photon-
>>>> correlation experiments.

What a short attention span from between the copy machine to the
keyboard.

>Sounds impressive. Are you running for office by any chance?

Sounds like bullshit Xeroxed off at random.

>>> So, should momentum change? Or should we expect it to be conserved?

"Should momentum change?" Is this a moral or ethical question? Is
this a debate about the nature of free will?

>> Momentum is conserved. A change in momentum is a change in
>> the direction of momentum, not a change in the magnitude.

>> Hams call that a reflection. What do you call it?

It's called acceleration - G force. We call it "the question that
hasn't an answer from Cecil."

>So is your claim that, to "hams", a change in the magnitude of
>momentum is not called a change in momentum?

Jim,

He can't put a name to it, and he is at a loss to find a value for it.
It is lost in all the other baggage of forfeited claims.

73's
Richard Clark, KB7QHC

392. Re: Why is copper better than steel for wire antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 06:38:11 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12ibuelp7brmr05@corp.supernews.com>
Source record: 51566

Steel has a resistivity many times that of copper. It varies a lot with the alloy, so it's not possible to put a single number on it. But the real problem is that steel is ferromagnetic -- in other words, it has a high permeability.

At radio frequencies, current flows in a thin layer near the surface of the conductor. (It actually continues clear to the center of the conductor, but the density decreases very rapidly with depth, so it's essentially zero anywhere except very near the surface.) This concentration of the current has the same result as passing the current through a wire of much smaller cross-sectional area: it greatly increases the resistance of the path carrying the current.

The problem is that the thickness of this layer (more technically, the rate at which the current density decays with depth) is determined by, among other things, the permeability of the material -- the higher the permeability, the shallower the layer. So the higher the permeability, the higher the resistance. The permeability of steel is probably even more variable than resistivity, but I'd be surprised if you ever found any in common use with permeability under 100. Or if you found some with permeability of several thousand. Since the relationship between the depth of current flow and permeability is a square root, this means RF resistance of 10 to 100 or so times that of copper, as well as the higher resistance due to the higher DC material resistivity.

If the antenna has a large enough surface area, even steel is fine. A common example is an FM mobile whip, which has insignificant loss, or a tower operated as a vertical. But because of the way the current depth and antenna size change with frequency, the loss with a given wire size gets greater and greater as you go lower in frequency, assuming the antenna stays the same size in terms of wavelength. So while moderate diameter steel wire might have insignificant loss on the higher frequency HF bands, that same wire might have substantial loss at the lower end of the HF range.

Most hams can measure SWR, but almost none can quantitatively measure the strength of the signal their antennas radiate. And most run way more power than needed to communicate, so can easily lose quite a few dB without a major effect on communications. Consequently, the wider bandwidth gained due to loss in steel wire is considered an asset, while the few dB loss is probably not noticed. (Although hams spend a staggering amount of money trying to buy a few extra dB of gain. Go figure.) In fact, I recall an article some years ago -- in QST if I'm not mistaken -- featuring a wide-band 80 meter antenna whose secret was just that -- loss from using steel wire.

If you try it, you might just like it!

By the way, copper wire is easily obtained and not that expensive,
either, should you choose to go for a stronger signal rather than wider
bandwidth.

Roy Lewallen, W7EL

Tony VE6MVP wrote:
> Folks
>
> So I'm reading the 2006 ARRL Handbook page 22.6, There is a single
> line stating "Steel wire is a poor conductor at RF; Avoid it." Any
> idea why? Or is this just one of those physical properties?
>
> So how much poorer than copper? Steel clothesline is easily obtained
> and not that expensive. Admittedly though I haven't done much
> research on copper or the other type of wires the Handbook mentions.
>
> Tony

393. Re: Why is copper better than steel for wire antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 08:15:58 UTC
From: Will <echocomms@hotmail.com>
Message-ID: <1160122558.785515.66730@e3g2000cwe.googlegroups.com>
Source record: 51567

Use copper clad steal wire. Copper for the RF performance, and the
steal 'core' for strenth. Larger diam. usally yelds wider bandwidth.

394. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 08:20:27 UTC
From: Jammer <Zengmeiste@aol.com>
Message-ID: <1160122827.740022.183680@h48g2000cwc.googlegroups.com>
Source record: 51569
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Smokey wrote:
> Talking to a "no code" is like addressing someone given an honorary degree
> as "doctor."

Hmm. OK, how about talking to a no-code with a yet-to-be-activated
General? I sat for & took the Tech, passed and they mentioned I could
take the General. Great. Passed that one as well. Working on Morse
now.

Missed the Extra, though, by a few questions.

Was my first shot at any exam.

Neither a Tech nor a General makes one a Ham, though.
Nor Morse.

That only qualifies you to be a good student of the avocation.
I don't expect to be really good at ham radio until I've played
around
with a transceiver for a year or two, maybe. Still need to learn
the lingo,
learn electronics, get my feet wet, build a receiver and maybe a
transmitter,
blow up a few caps..you know, OJT. Plus lots of hamfests where I'll
be looking for a cute hamette.

When I finally DO get a rig of some kind, I sorta kinda might be
Ready
for going after QSOs.

Even from folks who think I've got an honorary degree.

Good DX & 73,
Terry, KC9KEL newly minted

395. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 08:21:05 UTC
From: N7ZZT - Eric Oyen <n7zzt@127.0.0.1>
Message-ID: <10204133.Rs3e3P06jd@www.usenetzone.com>
Source record: 51568
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Billy cumgobbler Smith wrote:

>
> Do tell, retard.
>
>> eh dumbass (it takes one to know one)?
>
> You tell me, blind boy. Go suck off those boy scouts you love.
same person different nym. give it up. your game is known (or are you too
stupid to realize it yet?).

396. Re: QTFTWWAC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 11:10:28 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1160133028.775672.150850@b28g2000cwb.googlegroups.com>
Source record: 51570

Ahhhhaaaa, I see the software at the server truncated my email address... I shall try again..

a d 4 h k 2 0 0 4 @ y a h o o . c o m

You can also in a pinch dial 989-284-4122... IF I am not handy to the fone at that moment it will record your number so I can call back...

Or drop me a fax at 989-642-8429

BTW, the email address is the callsign of my departed mother, who at age 72 embarked upon getting a ham license... In just under two years she went from zero to extra, complete with a 20 wpm exam in front of the FCC in Tampa... Be aware that her educational background was a school marm teaching learning disabled kids... She is why I have zero sympathy for those who whine that the ham ticket has too many barriers and should be reduced...

397. Re: See, I told you RRAP is peaceful when KB9RQZ is away.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 12:49:57 UTC
From: "Mark Morgan, Child Molester" <kb9rqz_child_molester@yahoo.com>
Message-ID: <1160138997.382743.298460@c28g2000cwb.googlegroups.com>
Source record: 51571
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

Mark@kb9rqz.net wrote:
> stfu ima child molestor forger

You sure are, Markie!

398. Re: See, I told you RRAP is peaceful when KB9RQZ is away.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 13:19:29 UTC
From: Mark@kb9rqz.net
Message-ID: <mulci2l044ijenh0cl59k4lcscknalkcru@4ax.com>
Source record: 51572
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

On 6 Oct 2006 05:49:57 -0700, "Mark Morgan, Child Molester"
<kb9rqz_child_molester@yahoo.com> wrote:
stfu you child molestor
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

399. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 13:40:17 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <51tVg.10294$e66.1554@newssvr13.news.prodigy.com>
Source record: 51573

Jim Kelley wrote:
> Actually an antireflective coating does not reflect energy. Hence the
> name. If I had to give it a name I guess I'd call it an
> anti-reflection. Howz that?

You must have one of your special tricky-dicky narrow-
minded physics definitions for "reflect" like you do for
"power" and "transfer". It is a fact that the internal
reflection is reflected at the outside surface of the
thin-film. Constructive interference energy due to wave
cancellation joins that reflection energy and becomes
inseparable from it. It has been commonly called a
reflection (actually a re-reflection) for decades.

> As I said, please let us know when you come
> understand the difference between units and physical quantities.

Please let us know when you come to understand the difference
in definitions between two technical disciplines. Unfortunately
for your definitions, amateur radio is a subset of RF engineering,
not physics. You may, in time, succeed in your quest to change
the definitions previously accepted as valid in the field of RF
engineering. Then again, you may not. Time will tell.
--
73, Cecil http://www.w5dxp.com

400. Re: Problem with off topic postings in antenna newsgroup

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 14:07:06 UTC
From: "kb9rqz@hotmail.com" <kb9rqz@hotmail.com>
Message-ID: <1160143626.045360.190840@k70g2000cwa.googlegroups.com>
Source record: 51574
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

Slow Code wrote:
> richardharrison@webtv.net (Richard Harrison) wrote in
> news:4602-4525302A-1375@storefull-3253.bay.webtv.net:

> Do you have a spare tire in your car in case you get a flat tire?
no but..
> Ham
> radio without a CW requirement is like driving your car around without a
> spare tire.
in that case why do insist you only drive on the spare with most spare
tires that is dangerous
>Why do you people want to dumb everything down all the time.
>
> Eliminating CW is a loss in the number of ways we can communicate.
who was eleimating CW use just testing
>
> SC

401. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 14:20:34 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <SCtVg.10303$e66.3607@newssvr13.news.prodigy.com>
Source record: 51575

Richard Clark wrote:
> What happened to electrons?

Electrons absorb and emit photons.

> That speed is hardly constant, it is relative. Or so Einstein would
> have us believe.

I think Einstein would object to your statement. The theory
of relativity says everything is relative to the speed of
light fixed at the constant 'c' in free space.

>>>>> According to the Standard Model of particle physics, photons are
>>>>> responsible for producing all electric and magnetic fields,
>
> Baloney cut thick.

I obtained this material from: http://en.wikipedia.org/wiki/Photon

Maybe you should volunteer to rewrite their material. Be sure
and tell them about your theory that anti-reflective glass is
brighter than the surface of the sun. That should really
impress them. :-)
--
73, Cecil, http://www.qsl.net/w5dxp

402. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 15:19:37 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <duuVg.2244$NE6.1422@newssvr11.news.prodigy.com>
Source record: 51476

Jim Kelley wrote:
> If I had to give it a name I guess I'd call it an
> anti-reflection.

That's looking forward into a Z0-match from the source
side. The opposite thing happens looking back into a
Z0-match from the load side. What's the opposite of
an anti-reflection?

Actually, in my energy analysis article, I defined
the word, "re-reflection", as used in the article
and as used by Walter Maxwell in "Reflections".

Since I cannot find an official definition of that word,
defining it within an article is a perfectly honest and
acceptable thing to do. Quoting my article:

"Note that the author is defining the word "re-reflection"
as any and all reversals in direction of flow of reflected
energy or reflected energy components."

My energy article can be accessed at the URL below.

P.S. I'll be in HOG heaven during the long weekend.
--
73, Cecil, http://www.w5dxp.com/energy.htm

403. Re: Why is copper better than steel for wire antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 16:19:15 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1160151554.072027.232250@m73g2000cwd.googlegroups.com>
Source record: 51477

Roy,
As my cobwebby brain remembers, for conductive materials such as aluminum through gold, the rough rule of thumb is that at 10 megacycles the skin depth is .01MM (01 is 10 backwards, only reason I remember) So 1mm is 0.0394" therefore a skin depth of 0.1mm is 0.00394", call it 4/1000 of an inch for round numbers... So, the other rough rule of thumb I have always used in my wasted career in industrial electronics is to have the conductive plating 5 times the skin depth... So, 0.020" would suffice for 10 megacycles...
Now, that begs the question for steel, or zinc plated steel... Anyone interested can google up answers with a bit of personal effort...

What has always intrigued me though, is the concept that a moving charge at RF frequences, spreads over the surface and penetrates only 0.020" the majority of the charge (@10 mc) , while still having lines of flux penetrating radially to the electrical center of the metal object... Yet, by the same token, if the metal shape is a hollow tube, no signal will be detected upon the inner skin of the tube...

denny

404. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 16:55:24 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <9e2di2109jgf4saag80keecpf9q4hrk8sr@4ax.com>
Source record: 51478

On Fri, 06 Oct 2006 14:20:34 GMT, Cecil Moore <mycall@hotmail.com>
wrote:

>> That speed is hardly constant, it is relative. Or so Einstein would
>> have us believe.
>
>I think Einstein would object to your statement. The theory
>of relativity says everything is relative to the speed of
>light fixed at the constant 'c' in free space.

-Sigh-

Another opportunity for you to Fumble an excuse not to perform a
simple computation:

For a dry observer standing on the bank of a pool,
what is the speed of light in water?

This should even be Xeroxable.

405. Re: Why is copper better than steel for wire antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 17:53:10 UTC
From: K7ITM <k7itm@msn.com>
Message-ID: <1160157190.786910.102630@m7g2000cwm.googlegroups.com>
Source record: 51479

I think you dropped a decimal point, there, Denny. How did you get
from 0.01mm skin depth at 10MHz to talking about 0.1mm? If you stay at
0.01mm, it would be about 0.4 mils. The rule of thumb I remember is
2.6 mils at 1MHz, so it would be 0.8 mils at 10MHz. That's for
copper and as Roy wrote, steel will be much less.

Another rule of thumb: the RF resistance of copper wire is about 1
milliohm/foot * sqrt(freq. in MHz) / diameter in inches. For 14AWG
wire at 4MHz, that's about 31 milliohms per foot, which is pretty much
inconsequential for a 75M half-wave dipole with about 75 ohms feedpoint
radiation resistance.

The resistivity of nonmagnetic stainless steel is roughly 50 times that
of copper, so the loss would be about seven times as great at RF,
assuming that the permeability really is low at RF; that wouldn't be
bad. But high permeability would not be good, especially in a small
diameter wire..

Moderately wide bandwidth, high strength, low loss dipole: a center
support steel cable, surrounded by 4 or so small copper conductors in a
"cage" spaced out from the center support to make a conductor perhaps
1/200 of a wavelength effective diameter.

Cheers,
Tom

Denny wrote:
> Roy,
> As my cobwebby brain remembers, for conductive materials such as
> aluminum through gold, the rough rule of thumb is that at 10 megacycles
> the skin depth is .01MM (01 is 10 backwards, only reason I remember)
> So 1mm is 0.0394" therefore a skin depth of 0.1mm is 0.00394", call it
> 4/1000 of an inch for round numbers... So, the other rough rule of
> thumb I have always used in my wasted career in industrial electronics
> is to have the conductive plating 5 times the skin depth... So, 0.020"
> would suffice for 10 megacycles...
> Now, that begs the question for steel, or zinc plated steel... Anyone
> interested can google up answers with a bit of personal effort...
>
> What has always intrigued me though, is the concept that a moving
> charge at RF frequences, spreads over the surface and penetrates only
> 0.020" the majority of the charge (@10 mc) , while still having lines
> of flux penetrating radially to the electrical center of the metal
> object... Yet, by the same token, if the metal shape is a hollow tube,
> no signal will be detected upon the inner skin of the tube...
>

> denny

406. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 18:06:56 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <eg6685$a00$1@news.service.uci.edu>
Source record: 51480

Cecil Moore wrote:
> Jim Kelley wrote:
>
>> If I had to give it a name I guess I'd call it an anti-reflection.
>
>
> That's looking forward into a Z0-match from the source
> side. The opposite thing happens looking back into a
> Z0-match from the load side. What's the opposite of
> an anti-reflection?
>
> Actually, in my energy analysis article, I defined
> the word, "re-reflection", as used in the article
> and as used by Walter Maxwell in "Reflections".

Cecil,

Where you go wrong is your energy analysis. Your argument goes awry in at least a couple of areas. 1. 'destructive interference causes energy to reverse direction.' This is purely false. Interference is the description we give to the result of the superposition of waves. It is not a causal phenomenon. 2. Unless you're talking photochromic properties, partially reflective media interfaces do not become 100% reflective in response to illumination (or for any other reason). Any "re-reflection" that takes place is ordinary partial reflection in the other direction.

Have fun on the hog. Last weekend I was fortunate enough to drive 20 laps on a 1/2 mile banked track in a Busch class stock car. Holy cow.

73, Jim AC6XG

407. Re: Why is copper better than steel for wire antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 18:33:33 UTC
From: Tony VE6MVP <tony@REMOVEve6mvp.com>
Message-ID: <va8di2tvlmn2scki8v5jed9jevnqajn5tb@4ax.com>
Source record: 51481

On 6 Oct 2006 01:15:58 -0700, "Will" <echocomms@hotmail.com> wrote:

>Use copper clad steal wire. Copper for the RF performance, and the
>steal 'core' for strenth.

Yes, the ARRL handbook mentioned that.

Tony

408. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 18:45:10 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <eg68ftbks1@news.service.uci.edu>
Source record: 51482

Cecil Moore wrote:

> Jim Kelley wrote:
>> As I said, please let us know when you come understand the difference
>> between units and physical quantities.
>
>
> Please let us know when you come to understand the difference
> in definitions between two technical disciplines.

Differences between disciplines in the definitions of fundamental
principles can only be in your understanding of them.

73, ac6xg

409. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 19:09:37 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <g5adi2ltvs5i99e441hu9dc5j849i4ioh4@4ax.com>
Source record: 51483

On Fri, 06 Oct 2006 09:55:24 -0700, Richard Clark <kb7qhc@comcast.net>
wrote:

>Another opportunity for you to Fumble an excuse not to perform a
>simple computation:
>
> For a dry observer standing on the bank of a pool,
> what is the speed of light in water?

No point in waiting for that fumbling excuse (the dolphin ate my
flashlight) when this simple computation is performed here everyday:

2.25408 * 10^8 m/s

410. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 19:14:20 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <eg6a6jcrv1@news.service.uci.edu>
Source record: 51484

Cecil Moore wrote:

> Jim Kelley wrote:
>
>> What has been known since long before you were born is that only
>> direct interaction with matter causes EM waves to reflect.
>
>
> Would you say the changing characteristic impedance between
> two waveguides in outer space is a direct interaction
> with matter? There is no matter inside the waveguide with
> which to interact.

Come on, Cecil. You propose a scenario with a change in
characteristic impedance, and then try to pretend there isn't any
matter involved?

> I'll have to take a look at the math.

411 - People usually do that _before_ they announce their discovery of
a new natural phenomenon.

> But no matter what it is called, the results are the same.
> "A rose by any other name ..."

Yes. An enormous blunder is, by any other name..... :-)

73, Jim ac6xg

411. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 19:56:53 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <9mcdi29a7ep8rvuk6618ovqj20l1p5lngb@4ax.com>
Source record: 51485

On Thu, 05 Oct 2006 18:21:28 -0700, Jim Kelley <jwkelley@uci.edu>
wrote:

>>>> According to the Standard Model of particle physics, photons are
>>>> responsible for producing all electric and magnetic fields

Sorry, Jim, for responding through you to these howlers courtesy of
Cecil's Xerographic talents.

Producing "all" electric "and" magnetic fields? This is just too
naive to contemplate. I suppose our compasses don't work in the dark,
do they? A light bulb would never illuminate unless it was ALREADY ON
illuminating the wire that conducted electricity.

The list of amusing contradictions to this catechism above goes on,
and on.... Now we return you to Cecil's lamentations about the
quality of work he puts to the copier's scanning screen. :-0

Imagine, cribbing notes from and then blaming Wikipedia indeed!

412. Re: HF Mobile - Grounding Antenna when stationary

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 20:16:28 UTC
From: nm5k@wt.net
Message-ID: <1160165788.712834.171590@m7g2000cwm.googlegroups.com>
Source record: 51486

VK2KCE wrote:

> : >
> : > Would it be preferable when camped / stationary to earth the vehile to a
> : > "ground" ground = what I am looking for is a better receive signal ?????
> :
> : Switching to a Dipole antenna suspended from the trees would be a Major
> : step upward in performance.
> :
> : Mobile antennas have very low efficiency, grounding them will not improve
> : that significantly relative to the dipole.
> :
> : KD

Efficiency doesn't even come into play in his case, being he is only
worried about receiving. As far as voltage to his radio, he already
has
more than enough with the mobile whip as is. As one mentioned, the
s/n ratio is what matters. And going to a larger vertical is likely not
to
help at all. Even switching to a dipole would not be an improvement
unless the signals are coming from higher angles, etc. IE: 75m NVIS..
There are cases where my mobile antenna outperforms my home dipoles.
But these will be cases where the distance, etc favors using a
vertical.
So anyway, the short of it is adding radials to the mobile will not
help receiving at all. And switching to a larger antenna is not likely
to
help either unless there is a reason such as a horizontal dipole
favoring
NVIS. All but the puniest mistuned receiving antennas have enough
voltage
to get an acceptable s/n ratio from any decent radio. It's like adding
a tuner,
etc to a random wire. Unless there is a specific reason for it, it's a
waste
of time in most all cases.
MK

413. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 20:24:56 UTC
From: Papa Dog <papadogbg@yahoo.com>
Message-ID: <MPG.1f9085a4288aea7b989a3c@news-server.carolina.rr.com>
Source record: 51487
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

In article <15YUg.5049$Y24.2900@newsread4.news.pas.earthlink.net>,
my.mail@no.spam says...
>
>
> Thanks for posting that chuck. I've never broken any of those on the air
> or on usenet. Maybe now Markie and everyone else will see why CW is
> important.
>
> Thanks again and Keep up the good work.
>
> 73 de Slow Code
>
>
>
>
You need to read them again SC. You break them daily on usenet. You're
not considerate. You're down right unfriendly to some and You're about
unprogressive as they come.

73

Chris

414. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 20:25:57 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <pZyVg.7979$TV3.2215@newssvr21.news.prodigy.com>
Source record: 51488

Jim Kelley wrote:
> Cecil Moore wrote:
>> Jim Kelley wrote:
>>
>>> If I had to give it a name I guess I'd call it an anti-reflection.
>>
>>
>> That's looking forward into a Z0-match from the source
>> side. The opposite thing happens looking back into a
>> Z0-match from the load side. What's the opposite of
>> an anti-reflection?
>>
>> Actually, in my energy analysis article, I defined
>> the word, "re-reflection", as used in the article
>> and as used by Walter Maxwell in "Reflections".
>
> Cecil,
>
> Where you go wrong is your energy analysis. Your argument goes awry in
> at least a couple of areas. 1. 'destructive interference causes energy
> to reverse direction.' This is purely false. Interference is the
> description we give to the result of the superposition of waves. It is
> not a causal phenomenon. 2. Unless you're talking photochromic
> properties, partially reflective media interfaces do not become 100%
> reflective in response to illumination (or for any other reason). Any
> "re-reflection" that takes place is ordinary partial reflection in the
> other direction.

Jim, when I get back from my trip, I'll tell you about temporary
benign interference Vs permanent active interference. A standing
wave in a constant Z0 environment is temporary interference.
Wave cancellation is permanent active interference. When wave
cancellation occurs, the energy and momentum are redirected. In
a transmission line, there are only two directions. In the direction
of the wave cancellation and in the opposite direction. The energy
doesn't go in the direction of wave cancellation so which direction
does it go. Boy, that's a tough question, isn't it?

> Have fun on the hog. Last weekend I was fortunate enough to drive 20
> laps on a 1/2 mile banked track in a Busch class stock car. Holy cow.

Back when I lived in CA, in between motorcycle races, they opened
Laguna Seca to anyone with a motorcycle license, street legal bike,
$20, and willing to sign a waiver. Everyone was a certain number
of minutes apart. I got my Kawi Z1-B up to about 135 mph on the

straightaway. And that still wasn't top speed. That machine red-
lined at 60 mph in *first gear* with four more gears to go. :-0
--
73, Cecil http://www.w5dxp.com

415. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 20:30:17 UTC
From: Papa Dog <papadogbg@yahoo.com>
Message-ID: <MPG.1f9086eb5bc7bd06989a3d@news-server.carolina.rr.com>
Source record: 51489
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

In article <VEgVg.7674$o71.6241@newsread3.news.pas.earthlink.net>,
my.mail@no.spam says...
> Phil Wheeler <wt6uh-ng7@yahoo.com> wrote in
> news:R8dVg.263$zy2.260@tornado.socal.rr.com:
>
> > AC7PN wrote:
> >> Slow Code wrote:
> >>> Or is it like talking to someone on CB?
> >>>
> >>> SC
> >>
> >> The answer is "yes it is a real contact" and so far as you were
> >> communicating with some one using a radio it also is "like talking to
> >> someone on CB."
> >>
> >> Dude, your arrogance is showing.
> >>
> >
> > I would have said ignorance ;)
> >
> > 73, Phil W7OX
>
>
> Don't tell me You want to dumb down ham radio now as well. Where have all
> the communicators gone?
>
> SC
>

Any 12 year old can learn code in 2 weeks. Getting rid of it would not
dumb down Ham radio at all. Code is a good thing to know. Whether you
use it or not is a personal preference. I think programming you're own
software to send code yourself and building your own radio is a lot more
technical than learning code.

73

Chris

416. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 20:35:36 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <s6zVg.7980$TV3.5809@newssvr21.news.prodigy.com>
Source record: 51490

Jim Kelley wrote:
> Differences between disciplines in the definitions of fundamental
> principles can only be in your understanding of them.

Please realize that it's not the definitions of fundamental
principles that are different. It is the definitions of the
random grouping of letters called words that are different.
The same word represents different valid fundamental principles
in different disciplines. "A rose by any other name ..."

Physics simply does NOT have a monopoly on the word "power".
There are 32+ definitions of power in my dictionary.

P-O-W-E-R has a different definition in RF engineering than
it does in physics. It doesn't mean that there's anything
wrong with anyone's fundamental principles. After all, the
Russians and Japanese don't even use the word "power" for
any of their fundamental principles which are just as valid
as yours.
--
73, Cecil http://www.w5dxp.com

417. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 20:41:04 UTC
From: james <george@washington.edu>
Message-ID: <vmfdi2hu8qo5u94phk71n2nqkpu5co778j@4ax.com>
Source record: 51491
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Thu, 05 Oct 2006 23:35:13 GMT, Slow Code <my.mail@no.spam> wrote:

>+++Rich <nobody@nowhere.com> wrote in
>+++news:2nh7i21qdu0rbet7vuco1n2tj55a5tivj5@4ax.com:
>+++
>+++> On Wed, 04 Oct 2006 00:17:24 GMT, Slow Code <my.mail@no.spam> wrote:
>+++>
>+++>>
>+++>>If we raise the CW speed to 20 WPM for all classes including the Tech
>+++>>class, hams will tend to study the theory more while they build up their
>+++>>code skill and they will understand the theory better and won't need to
>+++>>ask silly questions. So increasing the speed requirement will get us
>+++>>better & smarter hams.
>+++>>
>+++>>Lazy people that don't want to learn anything will stay on CB and die in
>+++>>shoot-outs with each other in shopping mall parking lots which will help
>+++>>clean up the CB band. To me it looks like a Win Win situation. What do
>+++>>you think?
>+++>>
>+++>>SC
>+++>
>+++> i think your logic is faulty. raising the code speed is just as
>+++> likely to reduce the overall numbers of amateurs, maybe to the point
>+++> that our service becomes extinct. i don't see any relationship
>+++> between an increased code speed requirement and hams studying more
>+++> theory.
>+++>
>+++> while it may be true that individuals who want neither to learn code
>+++> or theory for a ham ticket will remain on CB, to paint all CB'ers with
>+++> that brush is wrong. some CB'ers enjoy that band. i've had my ham
>+++> ticket for over 25 years now and still find CB useful when we're out
>+++> on one of our RV trips.
>+++>
>+++> and don't assume that because someone has a ham ticket that they
>+++> suddenly undergo some sort of personality change. there are persons
>+++> holding ham tickets that are just as dopey and prone to doing all
>+++> sorts of illegal and dangerous things. we've all read about them.
>+++> the latest one i recall is the ham that recently received a prison
>+++> sentence for his ongoing jamming operations.
>+++>
>+++> 73,

>+++> rich, n9dko
>+++
>+++
>+++Yes, Some people are lazy and as long as there is a CW requirement they
>+++won't go for a ham license, or upgrade beyond tech. They don't really want
>+++to be hams enough to put out an effort to be one, but the ones that go for
>+++the CW and written exams really want to be hams, and will stick with the
>+++service and will be an important part of keeping it going.
>+++
>+++SC
>+++
****

And how is being proficient in a an archaic and simple means of
communication become the standard bearer for what is supposed to be
the difference between good and bad operators?

james

418. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 20:43:04 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <sdzVg.7981$TV3.3584@newssvr21.news.prodigy.com>
Source record: 51492

Jim Kelley wrote:
> Come on, Cecil. You propose a scenario with a change in characteristic
> impedance, and then try to pretend there isn't any matter involved?

If you are admitting that a change in Z0 at an impedance
discontinuity involves matter, then we are in agreement.
Sounded to me like you were saying there's no matter
involved at a transmission line impedance discontinuity.

My energy article covers this subject. I state in that article
that there are no reflections except at *physical* impedance
discontinuities so you already know what I said previously.
--
73, Cecil http://www.w5dxp.com

419. Re: Why is copper better than steel for wire antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 20:43:57 UTC
From: richardharrison@webtv.net
Message-ID: <58-4526C00D-275@storefull-3257.bay.webtv.net>
Source record: 51494

Roy, W7EL wrote:
"---the loss with a given wire size gets greater as you go lower in frequency,---.

Effective resistance to r.f, is approximately proportional to the square root of the frequency due to "skin effect" as Roy mentioned in describing how current penetrates the conductor less completelty due to inductance deeper in the wire. So, loss is greater at higher frequency due to reduced effective cross-section in the wire. Conversely, the loss with a given wire size gets lower as you go down in frequency.

Best regards, Richard Harrison, KB5WZI

420. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 20:47:02 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <eg6fkfgrp1@news.service.uci.edu>
Source record: 51497

Cecil Moore wrote:

> Jim, when I get back from my trip, I'll tell you about temporary
> benign interference Vs permanent active interference.

> A standing
> wave in a constant Z0 environment is temporary interference.
> Wave cancellation is permanent active interference. When wave
> cancellation occurs, the energy and momentum are redirected. In
> a transmission line, there are only two directions. In the direction
> of the wave cancellation and in the opposite direction. The energy
> doesn't go in the direction of wave cancellation so which direction
> does it go. Boy, that's a tough question, isn't it?

As far as I know, there has never been any dispute over which
direction the energy goes. The problem has always been with your
overly imaginative explanation for how it gets there.

>> Have fun on the hog. Last weekend I was fortunate enough to drive 20
>> laps on a 1/2 mile banked track in a Busch class stock car. Holy cow.
>
>
> Back when I lived in CA, in between motorcycle races, they opened
> Laguna Seca to anyone with a motorcycle license, street legal bike,
> $20, and willing to sign a waiver. Everyone was a certain number
> of minutes apart. I got my Kawi Z1-B up to about 135 mph on the
> straightaway. And that still wasn't top speed. That machine red-
> lined at 60 mph in *first gear* with four more gears to go. :-0

Getting speed on the straights is the easy part. Finding out that
you've got too much when you arrive at the turn is the primary concern.

73, Jim ac6xg

421. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 20:52:24 UTC
From: "Fred G." <Radios@rmylife.com>
Message-ID: <4526c1df$0$25797$ecde5a14@news.coretel.net>
Source record: 51493
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

```
"james" <george@washington.edu> wrote in message
news:vmfdi2hu8qo5u94phk71n2nqkpu5co778j@4ax.com...
> On Thu, 05 Oct 2006 23:35:13 GMT, Slow Code <my.mail@no.spam> wrote:
>
>>+++Rich <nobody@nowhere.com> wrote in
>>+++news:2nh7i21qdu0rbet7vuco1n2tj55a5tivj5@4ax.com:
>>+++
>>+++> On Wed, 04 Oct 2006 00:17:24 GMT, Slow Code <my.mail@no.spam> wrote:
>>+++>
>>+++>>
>>+++>>If we raise the CW speed to 20 WPM for all classes including the Tech
>>+++>>class, hams will tend to study the theory more while they build up
>>their
>>+++>>code skill and they will understand the theory better and won't need
>>to
>>+++>>ask silly questions. So increasing the speed requirement will get us
>>+++>>better & smarter hams.
>>+++>>
>>+++>>Lazy people that don't want to learn anything will stay on CB and die
>>in
>>+++>>shoot-outs with each other in shopping mall parking lots which will
>>help
>>+++>>clean up the CB band. To me it looks like a Win Win situation. What
>>do
>>+++>>you think?
>>+++>>
>>+++>>SC
>>+++>
>>+++> i think your logic is faulty. raising the code speed is just as
>>+++> likely to reduce the overall numbers of amateurs, maybe to the point
>>+++> that our service becomes extinct. i don't see any relationship
>>+++> between an increased code speed requirement and hams studying more
>>+++> theory.
>>+++>
>>+++> while it may be true that individuals who want neither to learn code
>>+++> or theory for a ham ticket will remain on CB, to paint all CB'ers
>>with
>>+++> that brush is wrong. some CB'ers enjoy that band. i've had my ham
>>+++> ticket for over 25 years now and still find CB useful when we're out
>>+++> on one of our RV trips.
>>+++>
```

>>+++> and don't assume that because someone has a ham ticket that they
>>+++> suddenly undergo some sort of personality change. there are persons
>>+++> holding ham tickets that are just as dopey and prone to doing all
>>+++> sorts of illegal and dangerous things. we've all read about them.
>>+++> the latest one i recall is the ham that recently received a prison
>>+++> sentence for his ongoing jamming operations.
>>+++>
>>+++> 73,
>>+++> rich, n9dko
>>+++
>>+++
>>+++Yes, Some people are lazy and as long as there is a CW requirement they
>>+++won't go for a ham license, or upgrade beyond tech. They don't really
>>want
>>+++to be hams enough to put out an effort to be one, but the ones that go
>>for
>>+++the CW and written exams really want to be hams, and will stick with
>>the
>>+++service and will be an important part of keeping it going.
>>+++
>>+++SC
>>+++
> *********
>
> And how is being proficient in a an archaic and simple means of
> communication become the standard bearer for what is supposed to be
> the difference between good and bad operators?
>
> james

Neither the Code NOR Theory tests will weed out the bad radio operator any more than a driving test will weed out the DUIs - OR - the Physical agility, legal and other exams will weed out bad cops. Those tests are only tests of "Proficiency" in the subject matter - NOT - "Mentality". Those tests won't stop the trash.
But those who choose to not learn code will continue to bitch about why they shouldn't. OK, DROP the code.....Next you'll want the "Theory" taken away too. Want to bet?

Fred G.

422. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 20:54:11 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <TnzVg.7983$TV3.3780@newssvr21.news.prodigy.com>
Source record: 51495

Richard Clark wrote:
> On Thu, 05 Oct 2006 18:21:28 -0700, Jim Kelley <jwkelley@uci.edu>
> wrote:
>
>>>>> According to the Standard Model of particle physics, photons are
>>>>> responsible for producing all electric and magnetic fields
>
> Sorry, Jim, for responding through you to these howlers courtesy of
> Cecil's Xerographic talents.
>
> Producing "all" electric "and" magnetic fields? This is just too
> naive to contemplate. I suppose our compasses don't work in the dark,
> do they? A light bulb would never illuminate unless it was ALREADY ON
> illuminating the wire that conducted electricity.

Richard, the frequency of photons extends from DC to gamma
rays and beyond. You think because you cannot see them that
they don't exist???? RF waves are certainly made up of photons
that you cannot see. There are many more photons that you
cannot see than photons that you can see. If you are relying
solely upon your flawed human sight for the detection of
all photons, you are severely handicapped.
--
73, Cecil http://www.w5dxp.com

423. Re: See, I told you RRAP is peaceful when KB9RQZ is away.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 20:55:10 UTC
From: richardharrison@webtv.net
Message-ID: <57-4526C2AE-1481@storefull-3257.bay.webtv.net>
Source record: 51496

slow code wrote;
'catch you on the bands unless you`re a No-code ham, then I won`t
because I don`t do CB.

Slow Code is beating a dead horse!

Best regards, Richard Harrison, KB5WZI

424. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 21:12:11 UTC
From: Mark@kb9rqz.net
Message-ID: <gjhdi2d9ubhhvb0pved30rgm9vcast52io@4ax.com>
Source record: 51498
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Fri, 6 Oct 2006 16:52:24 -0400, "Fred G." <Radios@rmylife.com>
wrote:

>"james" <george@washington.edu> wrote in message
>news:vmfdi2hu8qo5u94phk71n2nqkpu5co778j@4ax.com...
>> On Thu, 05 Oct 2006 23:35:13 GMT, Slow Code <my.mail@no.spam> wrote:
>>

>> And how is being proficient in a an archaic and simple means of
>> communication become the standard bearer for what is supposed to be
>> the difference between good and bad operators?
>>
>> james
>
>Neither the Code NOR Theory tests will weed out the bad radio operator any
>more than a driving test will weed out the DUIs - OR - the Physical agility,
>legal and other exams will weed out bad cops. Those tests are only tests of
>"Proficiency" in the subject matter - NOT - "Mentality". Those tests won't
>stop the trash.
>But those who choose to not learn code will continue to bitch about why they
>shouldn't. OK, DROP the code........Next you'll want the "Theory" taken away
>too. Want to bet?

how much you want to bet on the propositon that NCI do not advoacte
the ending of written in say the next 10 years?
>
>Fred G.
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

425. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 21:59:11 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <5ljdi2pe1gns5iudassdje68l2qlmdaski@4ax.com>
Source record: 51499

On Fri, 06 Oct 2006 20:54:11 GMT, Cecil Moore <mycall@hotmail.com>
wrote:

>Richard Clark wrote:
>> On Thu, 05 Oct 2006 18:21:28 -0700, Jim Kelley <jwkelley@uci.edu>
>> wrote:
>>
>>>>>> According to the Standard Model of particle physics, photons are
>>>>>> responsible for producing all electric and magnetic fields
>>
>> Sorry, Jim, for responding through you to these howlers courtesy of
>> Cecil's Xerographic talents.
>>
>> Producing "all" electric "and" magnetic fields? This is just too
>> naive to contemplate. I suppose our compasses don't work in the dark,
>> do they? A light bulb would never illuminate unless it was ALREADY ON
>> illuminating the wire that conducted electricity.
>
>Richard, the frequency of photons extends from DC to gamma
>rays and beyond. You think because you cannot see them that
>they don't exist????

Photons I do see, do exist, and are NOT "responsible for producing all
electric and magnetic fields."

Photons I do NOT see, do exist, and are NOT "responsible for producing
all electric and magnetic fields."

And electric and magnetic fields exist quite independently of ANY
photons (invisible or otherwise) which, of course, means that photons
were NEVER "responsible for producing" these "electric and magnetic
fields." Note that ALL is inclusive in its totality and I have thrice
demonstrated that falsity.

Like I said, your naive statements propagate a lot of foolishness and
fall far short of illuminating.

So, time for another simple computation:

What is the temperature of an 80M photon?

Looking forward to your fumble.

426. Re: See, I told you RRAP is peaceful when k4yz is away.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 22:07:52 UTC
From: "kb9rqz@hotmail.com" <kb9rqz@hotmail.com>
Message-ID: <1160172472.880832.142080@h48g2000cwc.googlegroups.com>
Source record: 51500
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

Richard Harrison wrote:
> slow code wrote;
> 'catch you on the bands unless you`re a No-code ham, then I won`t
> because I don`t do CB.
>
> Slow Code is beating a dead horse!
not dead but in shivo condiction wating for the FCC to pull the plug
>
> Best regards, Richard Harrison, KB5WZI

427. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 22:08:10 UTC
From: Gene Fuller <W4SZzzzzzz@att.net>
Message-ID: <etAVg.32825$QZ1.10566@bgtnsc04-news.ops.worldnet.att.net>
Source record: 51501

Cecil Moore wrote:

[snip]
>
> Jim, when I get back from my trip, I'll tell you about temporary
> benign interference Vs permanent active interference. A standing
> wave in a constant Z0 environment is temporary interference.
> Wave cancellation is permanent active interference. When wave
> cancellation occurs, the energy and momentum are redirected. In
> a transmission line, there are only two directions. In the direction
> of the wave cancellation and in the opposite direction. The energy
> doesn't go in the direction of wave cancellation so which direction
> does it go. Boy, that's a tough question, isn't it?

Cecil,

Have a safe trip.

I want to hear more about this "temporary benign interference". I have
been doing physics and optics for over 40 years, and that concept is a
new one for me.

8-) 8-)

73,
Gene
W4SZ

428. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 22:17:05 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <BBAVg.43662$DU3.24131@tornado.texas.rr.com>
Source record: 51503
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

"Slow Code" <my.mail@no.spam> wrote in message
news:o4DUg.6585$o71.1878@newsread3.news.pas.earthlink.net...
>
> If we raise the CW speed to 20 WPM for all classes including the Tech
> class, hams will tend to study the theory more while they build up their
> code skill and they will understand the theory better and won't need to
> ask silly questions. So increasing the speed requirement will get us
> better & smarter hams.
>
> Lazy people that don't want to learn anything will stay on CB and die in
> shoot-outs with each other in shopping mall parking lots which will help
> clean up the CB band. To me it looks like a Win Win situation. What do
> you think?
>
> SC

I think you're an idiot, just as the rest of the amateur community does.

HTH

429. Re: Why is copper better than steel for wire antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 22:17:10 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <1dkdi2db2rnil0ip5rtltphd818uq3bj53@4ax.com>
Source record: 51502

On Fri, 06 Oct 2006 05:21:00 GMT, Tony VE6MVP <tony@REMOVEve6mvp.com>
wrote:

>Folks
>
>So I'm reading the 2006 ARRL Handbook page 22.6, There is a single
>line stating "Steel wire is a poor conductor at RF; Avoid it." Any
>idea why? Or is this just one of those physical properties?
>
>So how much poorer than copper? Steel clothesline is easily obtained
>and not that expensive. Admittedly though I haven't done much
>research on copper or the other type of wires the Handbook mentions.
>

I am guessing that the "steel clothesline" to which you refer is
probably actually stranded (7x1?) heavy galvanised soft steel wire.

The galvanising is zinc or zinc/aluminium alloy and its thickness has
bearing on the answer for a specific frequency.

The stranding also has adverse effect on the effective RF resistance,
though not as predictable as the zinc coating.

Though it works, there are a number of mechanisms that increase the
loss, and the extent of some of them are quite difficult to predict or
to measure (for the average amateur).

The additional loss of steel wire is less important in an antenna
design that is loaded with bulk resistance, eg T2FD. A reason why
small guage stainless steel wire commonly used commercially on these
antennas isn't necessarily unsound. But that application should not
imply that small guage stainless steel is just as suited to a half
wave folded dipole.

Antenna wire would be one of the lowest cost elements of a complete
system, which questions the cost effectiveness of savings.

Owen
--

430. FEMME MARIEES DELAISSEES LA CHATTE EN FEU

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 22:26:53 UTC
From: melanie@franceweb.com
Message-ID: <4526d82d$0$27369$ba4acef3@news.orange.fr>
Source record: 51504
Body handling: HTML body converted to readable text

[No readable article body recovered]

431. FAITES DE VRAIES RENCONTRES PARTOUT

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 22:27:19 UTC
From: francine@canadaweb.com
Message-ID: <4526d846$0$25906$ba4acef3@news.orange.fr>
Source record: 51505
Body handling: HTML body converted to readable text

[No readable article body recovered]

432. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 23:12:06 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <4526e28d$0$1014$39cecf19@news.twtelecom.net>
Source record: 51506

Cecil Moore wrote:

>> As I said, please let us know when you come understand the difference
>> between units and physical quantities.
>
>
> Please let us know when you come to understand the difference
> in definitions between two technical disciplines. Unfortunately
> for your definitions, amateur radio is a subset of RF engineering,
> not physics. You may, in time, succeed in your quest to change
> the definitions previously accepted as valid in the field of RF
> engineering. Then again, you may not. Time will tell.

Cecil

EVERYTHING is a subset of physics. Even biology.

tom
K0TAR

433. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-06 23:17:32 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <fuodi21k1t3kvri5809aqbhedg02pafc45@4ax.com>
Source record: 51507

On Fri, 06 Oct 2006 18:12:06 -0500, Tom Ring <news0003@taring.org>
wrote:

>Cecil Moore wrote:
>
>>> As I said, please let us know when you come understand the difference
>>> between units and physical quantities.
>>
>>
>> Please let us know when you come to understand the difference
>> in definitions between two technical disciplines. Unfortunately
>> for your definitions, amateur radio is a subset of RF engineering,
>> not physics. You may, in time, succeed in your quest to change
>> the definitions previously accepted as valid in the field of RF
>> engineering. Then again, you may not. Time will tell.
>
>Cecil
>
>EVERYTHING is a subset of physics. Even biology.

Or, as Lord Kelvin would ammend this: The rest is stamp collecting.

434. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 00:05:14 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <eg6r89$p93$1@news.service.uci.edu>
Source record: 51508

Gene Fuller wrote:

> Cecil Moore wrote:
>
> [snip]
>
>>
>> Jim, when I get back from my trip, I'll tell you about temporary
>> benign interference Vs permanent active interference. A standing
>> wave in a constant Z0 environment is temporary interference.
>> Wave cancellation is permanent active interference. When wave
>> cancellation occurs, the energy and momentum are redirected. In
>> a transmission line, there are only two directions. In the direction
>> of the wave cancellation and in the opposite direction. The energy
>> doesn't go in the direction of wave cancellation so which direction
>> does it go. Boy, that's a tough question, isn't it?
>
>
>
>
> Cecil,
>
> Have a safe trip.
>
> I want to hear more about this "temporary benign interference". I have
> been doing physics and optics for over 40 years, and that concept is a
> new one for me.
>
> 8-) 8-)
>
> 73,
> Gene
> W4SZ

Every once in a while, when I'm reading the interesting technical
prose that Cecil writes here and elsewhere, Cliff Clavin comes to mind
for some reason.

:-)
73, Jim AC6XG

435. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 00:24:26 UTC
From: Mark@kb9rqz.net
Message-ID: <6ssdi21ejjsf9r9gk09k6rjtd66vaiq2ik@4ax.com>
Source record: 51509
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Fri, 06 Oct 2006 22:17:05 GMT, "U-Know-Who" <no-one@nowhere.com>
wrote:

>
>"Slow Code" <my.mail@no.spam> wrote in message
>news:o4DUg.6585$o71.1878@newsread3.news.pas.earthlink.net...
>>
>> If we raise the CW speed to 20 WPM for all classes including the Tech
>> class, hams will tend to study the theory more while they build up their
>> code skill and they will understand the theory better and won't need to
>> ask silly questions. So increasing the speed requirement will get us
>> better & smarter hams.
>>
>> Lazy people that don't want to learn anything will stay on CB and die in
>> shoot-outs with each other in shopping mall parking lots which will help
>> clean up the CB band. To me it looks like a Win Win situation. What do
>> you think?
>>
>> SC
>
>I think you're an idiot, just as the rest of the amateur community does.
a rare moment Tom we find ourselves in complete agreement

Indeed Isuspect even SC find his postion desperate after all that is
good reason for him to avoid using his real name or call
>
>HTH
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

436. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 00:32:06 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <aACVg.5935$Y24.1936@newsread4.news.pas.earthlink.net>
Source record: 51510
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

john <john@nospam.net> wrote in
news:4brci2pq3dbaiirh802uig1dbqenatgtcm@4ax.com:

> If he does have a call why is he so ashamed to give it to us?
> There must be a reason.

You don't need to know my callsign, all you need to know is that CW makes
for more skilled amateurs and that's why we need to retain the
requirement. CW also works a little as a filter to keep the sick, lame
and Lazy off HF. We need to bring back the CW requirement for Techs so we
can raise the intelligence level of conversations on the repeaters.

SC

437. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 00:32:08 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <cACVg.5936$Y24.3017@newsread4.news.pas.earthlink.net>
Source record: 51513
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

"U-Know-Who" <no-one@nowhere.com> wrote in
news:BBAVg.43662$DU3.24131@tornado.texas.rr.com:

>
> "Slow Code" <my.mail@no.spam> wrote in message
> news:o4DUg.6585$o71.1878@newsread3.news.pas.earthlink.net...
>>
>> If we raise the CW speed to 20 WPM for all classes including the Tech
>> class, hams will tend to study the theory more while they build up
>> their code skill and they will understand the theory better and won't
>> need to ask silly questions. So increasing the speed requirement will
>> get us better & smarter hams.
>>
>> Lazy people that don't want to learn anything will stay on CB and die
>> in shoot-outs with each other in shopping mall parking lots which will
>> help clean up the CB band. To me it looks like a Win Win situation.
>> What do you think?
>>
>> SC
>
> I think you're an idiot, just as the rest of the amateur community does.
>
> HTH

You're just lazy.

SC

438. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 00:32:11 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <fACVg.5939$Y24.395@newsread4.news.pas.earthlink.net>
Source record: 51511
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Papa Dog <papadogbg@yahoo.com> wrote in
news:MPG.1f9085a4288aea7b989a3c@news-server.carolina.rr.com:

> In article <15YUg.5049$Y24.2900@newsread4.news.pas.earthlink.net>,
> my.mail@no.spam says...
>>
>>
>> Thanks for posting that chuck. I've never broken any of those on the
>> air or on usenet. Maybe now Markie and everyone else will see why CW
>> is important.
>>
>> Thanks again and Keep up the good work.
>>
>> 73 de Slow Code
>>
>>
>>
>>
> You need to read them again SC. You break them daily on usenet. You're
> not considerate. You're down right unfriendly to some and You're about
> unprogressive as they come.
>
> 73
>
> Chris

You think that's bad? Wait until HF sounds 11 meters and you can't find a
decent contact anywhere. You'll see I was right.

I crawled out of my hole around restructuring time. Then the ARRL and FCC
screwed ham radio. I went back in my hole again. Now the FCC and it
appears with the blessings of the ARRL is planning to toss CW all
together. I come out of my hole to fight for the integrity of ham radio
once again, but when the R&O comes out eliminating CW, I'll crawl back
into my hole again. Leaving you and everyone else the problem of trying to
deal with poor behavior and operating practice on the bands. The result
of dumbing down licensing.

Outcome based education doesn't work, what makes you think outcome based
licensing will?

SC

439. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 00:32:12 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <gACVg.5940$Y24.1159@newsread4.news.pas.earthlink.net>
Source record: 51512
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Papa Dog <papadogbg@yahoo.com> wrote in
news:MPG.1f9086eb5bc7bd06989a3d@news-server.carolina.rr.com:

> In article <VEgVg.7674$o71.6241@newsread3.news.pas.earthlink.net>,
> my.mail@no.spam says...
>> Phil Wheeler <wt6uh-ng7@yahoo.com> wrote in
>> news:R8dVg.263$zy2.260@tornado.socal.rr.com:
>>
>> > AC7PN wrote:
>> >> Slow Code wrote:
>> >>> Or is it like talking to someone on CB?
>> >>>
>> >>> SC
>> >>
>> >> The answer is "yes it is a real contact" and so far as you were
>> >> communicating with some one using a radio it also is "like talking
>> >> to someone on CB."
>> >>
>> >> Dude, your arrogance is showing.
>> >>
>> >
>> > I would have said ignorance ;)
>> >
>> > 73, Phil W7OX
>>
>>
>> Don't tell me You want to dumb down ham radio now as well. Where have
>> all the communicators gone?
>>
>> SC
>>
>
> Any 12 year old can learn code in 2 weeks. Getting rid of it would not
> dumb down Ham radio at all. Code is a good thing to know. Whether you
> use it or not is a personal preference. I think programming you're own
> software to send code yourself and building your own radio is a lot more
> technical than learning code.
>
> 73
>
> Chris

But people don't want to be skilled at anything anymore. They don't want to make an effort to learn CW, they may not make an effort to learn other things to advance themselves technically either.

SC

440. LenAnderson believes CB type behavior will good for ham radio. Re: Ping Blow Code the pretend ham

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 00:32:18 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <mACVg.5942$Y24.2183@newsread4.news.pas.earthlink.net>
Source record: 51514
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

"LenAnderson@ieee.org" <LenAnderson@ieee.org> wrote in
news:1160077724.805256.171580@e3g2000cwe.googlegroups.com:

> From: Opus- on Wed, Oct 4 2006 6:58 pm
>
>>You seem pretty knowledgeable so I need some assistance at
>>understanding something.
>
> Jim, that statement is bound to ignite more flame war
> stuff in here, heh heh heh heh...
>
>>What I can't understand is the the incredibly childish attitude of
>>some of the pro-coders here.
>
> Part of that is the Nature of the Beast, the computer-
> modem mode of communications. The 'Beast' got 'steroids'
> with the ability to send 'anonymous' messages (they
> think...traceability is possible but only through
> systems administrators' access to the 'Net). When that
> happened the early male adolescent behavior surfaced
> with all its immaturity.
>
> Having participated in computer-modem communications
> locally and networked since December 1984, I've seen
> quite a bit of that. It is clinically, also morbidly
> fascinating to me. Since most of my early experiences
> were on local BBSs there was the opportunity to meet
> socially with those participants, get real clues to
> the person instead of just seeing their words on a
> screen. In most their words echoed their up-close
> personnae. In perhaps a quarter of them their
> fantasies and imaginations ruled their screen words,
> their public, social interaction being nowhere near
> that and they were relatively subdued, few having
> 'remarkable' lives. It could be said that their
> computer-modem personnae represented their
> imaginations given a pseudo-life, something to
> fantasize about to relieve their everyday lives'
> frustrations.
>
> With the ability to be anonymous (through some 'Net
> servers) those imaginations and frustrations can be

> let out full force. The 'anonymous' ones become
> aggressive, 'in-your-face' types, no longer mindful
> of normal social, in-person behavior rules. This is
> aided by the relative isolation of time and distance
> of messaging. The aggressive ones need have no fear
> of physical confrontation as a result of their words,
> they can act 'tough' or abusive or insulting in
> safety. Ergo, many found emotional 'relief' in the
> filthy venting we've all seen in just this newsgroup.
>
> It's a not-nice condition in some humans to have
> their (usually suppressed) anger, frustration,
> bigotry so close to the surface but it does exist
> in them. It can turn to rage and action in rare
> cases, thus the stories of violence that show up in
> the news. Humans aren't perfect by a long shot.
> Civilization requires a greater suppression of that
> internal rage, anger, frustration for the common
> good but some think internally that they are 'better'
> than the common folk. Hence we get the overtones of
> 'superiority' through sub-groups in which their
> capabilities are exaggerated in those groups' self-
> righteous descriptions of themselves.
>
> That isn't confined to amateur radio. It exists
> all along the human experience.
>
>
>>For me, the confusion stems from having
>>known several old timer hams while growing up. I looked up to them.
>
> Understandable from the viewpoint of younger people. I
> think we've all had such experiences...mine were scarce
> in regards to amateur radio in my hometown but there
> were lots with other life experiences that were fun to
> listen to and to respect.
>
>>They were older gentlemen that had some fascinating knowledge and
>>great stories to tell about their ham radio hobby. This was back in
>>the 60's and early 70's so they are all gone now.
>
> Being of a younger age, my growing-up days 'old
> timers' were rather focussed on the experience of
> World War II. "Radio" per se was seldom mentioned
> as a part of that.
>
> What is most interesting (to me) is finding out later
> that some of them were exaggerating what they said
> and a few were downright liars! :-)
>

> If one survives long enough to become the same age
> as those 'old timers' (in a relative chronological
> way that is), it is easier to see where they are
> coming from! Much easier...! :-)
>
>>I am sure now that they are spinning in their graves, after the spew
>>puked up by some of the pro-coders.
>
> Well, if the afterlife allows such observation of
> mortals, I'm of the opinion that those old 'old-timers'
> are having a good time and laughing at the mortals'
> shenanigans!
>
>>Not all of them, to be fair, but a few loud ones stand out.
>
> The loud ones stand out because they MUST stand out
> and make everyone pay attention to them. Their EGO
> demands it. They want to RULE, to control, to judge,
> to be in-charge. In here those are confined to the
> pro-coders or who USE their tested morsemanship
> (however long ago that happened, if it ever did)
> to show "how good" they are.
>
>>I still can't figure out how a statement about how CW is just beeps[
>>as opposed to voice on the same hardware] became transmuted into a
>>requirement that I should hate usenet.
>
> Not surprising to me. Those fixated on their alleged
> superiority dispense with logic, go emotional, and
> become one with the rabble, the filth-spewers. They
> are NOT interested in anything but making themselves
> look good to themselves on their own screens. They
> have little recognition that the same 'message' they
> sent is read by anyone else but the recipient...when
> it may be read by thousands of others who never reply.
>
>>That kind of blatant mis-direction seems to be quite common.
>
> I agree. Such misdirection is common on just about
> every newsgroup, has precedence in the BBSs, even on
> the old ARPANET just before it morphed into USENET.
> Lacking the validity of anything but their own
> experiences, they toss logic out the window and
> consentrate on 'conquering' the message thread.
>
>>The statement is quite simple...a voice on the airwaves can convey
>>much more information than just the words spoken but CW can only
>>convey the words.
>
> You know that, I know that, and hundreds of thousands

> of other humans know that. That's the reason that
> all other radio services except amateur radio have
> dispensed with on-off keying radiotelegraphy for
> communications purposes. At least in the USA; I
> don't have enough information about Canada's use of
> communications modes to verify that.
>
>>Since the medium and usually the hardware is exactly
>>the same weather or not a microphone or a key is used, why bother with
>>a key that is much more limited?
>
> Logic in such an argument is NOT desired by pro-coders.
> They are fixated on the medium, not the message. They
> got their rank-status-privileges mainly through their
> morsemanship and their egos demand that Their desires
> should be those of all.
>
> Part of that fixation on radiotelegraphy in the USA is
> a result of the tremendous amount of ham-oriented
> publications of the ARRL. The ARRL emphasizes radio-
> telegraphy as the ne-plus-ultra of amateur radio skills.
> Since the ARRL has a virtual monopoly on amateur radio
> publications here, has had that for at least seven
> decades, they can and have managed to condition the
> thinking of American amateur radio licensees in favor
> of radiotelegraphy.
>
> Those who've been conditioned will not understand that
> they've been imprinted but insist it like some
> 'natural order of things.' Further, they tend to out-
> rage and the very idea that they've been brainwashed!
> Such outrage takes on a religious fervor at times.
>
>>Somehow, this relates to pixels on my
>>screen but I have yet to understand why my opponent felt the need to
>>misdirect, misrepresent and misquote. Can none of the pro-coders make
>>a valid point?
>
> Few can. In here I'd say that NONE can.
>
> Your 'opponent' wasn't trying to argue logically. Klein
> was obviously using emotion as an 'argument,' frustrated
> at not being able to 'triumph' in a message exchange.
>
>>Why do some of them feel that insulting my daughter will make their
>>point valid?
>
> It is an emotional ATTACK ploy. It is common in nearly
> all newsgroups. Those that do these sort of things can
> get away with it, unworried about any direct physical

> confrontation that might ensue.
>
>>Are their points so weak that they resort to vulgar
>>insults instead of engaging in debate?
>
> Yes.
>
>>Now, there will be some spew directed towards my post.
>
> Of course...and to this reply. One can 'take that to the
> bank.' :-)
>
>
>>They can go
>>ahead and prove that turning ham into CB will most certainly be a
>>great improvement to the ARS.
>
> Well, the expressed bigotry against CB by hams is a very
> old thing going back to 1958 when the FCC created "Class
> C and D" CB service on an 11 meter frequency band de-
> allocated from amateur radio use down here. Having to
> work both with and for some old-time hams, I heard mostly
> howls of outrage and indignation that the FCC 'dared' to
> take away 'their' band and 'give' it to 'civilians.'
> Worse yet, NO TEST, not the slightest requirement to
> demonstrate morsemanship in order to use an HF band! :-)
>
>> I NEVER knew anybody on CB that was as
>>rude and vulgar as some of the pro-coders here.
>
> I have to agree with you. The vast majority of CB use
> down here is on highways, mostly by truckers but a large
> number of RV-driving vacationers are there, too. At
> worst, some trucker might go into a long tale of some-
> thing (that only a few consider funny) but I have yet
> to hear outright personal insults on CB. I quit
> using CB mobile in late 1999 after selling my '82
> Camaro but a twice-a-year fire-up of CB at home doesn't
> indicate anything different; this residence in southern
> California is only a half mile from our Interstate 5,
> a major highway north-south near the Pacific coast. Our
> cell phone now works so well on major highways that we
> don't have any consideration of installing any other
> radio in our present car.
>
>
>>And, ironically, *I* am the one told to grow up. That's just too
>>funny.
>
> Well, that's how it goes. :-) Expect more of that

> kind of comment. I dare say it will occur under
> 'moderation' as well.
>
> When a pro-coder says "grow up," they really mean "think
> like I think, appreciate only what I like, etc." They
> use that little throw-away line in lieu of a personal
> insult, a button-pushing phrase to get their 'opponent'
> angry. Sometimes it works, but most of the time it is
> just their stupid way of attempting retaliation.
>
> LenAnderson@ieee.org

Ten-Four?

441. Re: Problem with off topic postings in antenna newsgroup

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 00:32:21 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <pACVg.5945$Y24.3398@newsread4.news.pas.earthlink.net>
Source record: 51515
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

"kb9rqz@hotmail.com" <kb9rqz@hotmail.com> wrote in
news:1160143626.045360.190840@k70g2000cwa.googlegroups.com:

>
> Slow Code wrote:
>> richardharrison@webtv.net (Richard Harrison) wrote in
>> news:4602-4525302A-1375@storefull-3253.bay.webtv.net:
>
>> Do you have a spare tire in your car in case you get a flat tire?
> no but..
>> Ham
>> radio without a CW requirement is like driving your car around without
>> a spare tire.
> in that case why do insist you only drive on the spare with most spare
> tires that is dangerous
>>Why do you people want to dumb everything down all the time.
>>
>> Eliminating CW is a loss in the number of ways we can communicate.
> who was eleimating CW use just testing
>>
>> SC

Mark,

You don't know what ham radio is about. I think if you just sit back and
read the threads, instead of screwing them up with your insane babble, you
might learn something. Of course, that depends on whether or not you
really want to learn something.

SC

442. Re: Problem with off topic postings in antenna newsgroup

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 00:32:22 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <qACVg.5946$Y24.1983@newsread4.news.pas.earthlink.net>
Source record: 51516
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

Cecil Moore <mycall@hotmail.com> wrote in
news:kPgVg.7753$TV3.3532@newssvr21.news.prodigy.com:

> Slow Code wrote:
>> Do you have a spare tire in your car in case you get a flat tire? Ham
>> radio without a CW requirement is like driving your car around without
>> a spare tire.
>
> I drive my Harley around all the time without a spare tire.
> I don't wear a seat belt either. What's wrong with that?

Cecil, you've been like that since day one. I knew years ago arguing with
you that you'd never change, I don't know why I still argue. You like CW,
but when anyone has ever made an arguement for keeping the code
requirement you tease them.

SC

443. Re: See, I told you RRAP is peaceful when Markie keeps his mouth closed.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 00:32:24 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <sACVg.5947$Y24.605@newsread4.news.pas.earthlink.net>
Source record: 51517
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

"kb9rqz@hotmail.com" <kb9rqz@hotmail.com> wrote in
news:1160172472.880832.142080@h48g2000cwc.googlegroups.com:

>
> Richard Harrison wrote:
>> slow code wrote;
>> 'catch you on the bands unless you`re a No-code ham, then I won`t
>> because I don`t do CB.
>>
>> Slow Code is beating a dead horse!
> not dead but in shivo condiction wating for the FCC to pull the plug

Ham radio is dead when the CW requirement goes. Then that last step to
pull the plug on it totally will be to eliminate the written exams.

CAN YOU SAY "CB"?

SC

444. when you going to stop welching on your bets SC?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 00:34:08 UTC
From: Mark@kb9rqz.net
Message-ID: <6ftdi25kk07vbs3lkg5bmk9c3a43otk99s@4ax.com>
Source record: 51518
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Sat, 07 Oct 2006 00:32:06 GMT, Slow Code <my.mail@no.spam> wrote:

>john <john@nospam.net> wrote in
>news:4brci2pq3dbaiirh802uig1dbqenatgtcm@4ax.com:
>
>> If he does have a call why is he so ashamed to give it to us?
>> There must be a reason.
>
>
>You don't need to know my callsign,
meaning you are afraid to give it

when you going to stop welching on your bets SC?
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

445. when you going to stop welching on your bets SC?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 00:34:25 UTC
From: Mark@kb9rqz.net
Message-ID: <6gtdi257goq0kbcdrt5rrvp50i9q2oai6o@4ax.com>
Source record: 51519
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Sat, 07 Oct 2006 00:32:08 GMT, Slow Code <my.mail@no.spam> wrote:

when you going to stop welching on your bets SC?
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

446. when you going to stop welching on your bets SC?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 00:36:08 UTC
From: Mark@kb9rqz.net
Message-ID: <djtdi21t67333i20b61cqb0oe3arpbg8st@4ax.com>
Source record: 51520
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Sat, 07 Oct 2006 00:32:12 GMT, Slow Code <my.mail@no.spam> wrote:

when you going to stop welching on your bets SC?
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

447. when you going to stop welching on your bets SC?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 00:36:25 UTC
From: Mark@kb9rqz.net
Message-ID: <sjtdi25oahdnlevnvepnp2mo3v15g2868g@4ax.com>
Source record: 51521
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Sat, 07 Oct 2006 00:32:11 GMT, Slow Code <my.mail@no.spam> wrote:

when you going to stop welching on your bets SC?
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

448. when you going to stop welching on your bets SC?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 00:37:03 UTC
From: Mark@kb9rqz.net
Message-ID: <7ltdi25jlifj0gncqmp0744cjlfuqotus1@4ax.com>
Source record: 51522
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

On Sat, 07 Oct 2006 00:32:22 GMT, Slow Code <my.mail@no.spam> wrote:

when you going to stop welching on your bets SC?
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

449. when you going to stop welching on your bets SC?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 00:38:12 UTC
From: Mark@kb9rqz.net
Message-ID: <oltdi2pks7moj4ts4takruavcoogt7uaca@4ax.com>
Source record: 51523
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

On Sat, 07 Oct 2006 00:32:21 GMT, Slow Code <my.mail@no.spam> wrote:

>
>Mark,
>
>You don't know what ham radio is about.
I do know
>I think if y
you don't think at all

you are a knee jerk reaction of the worst sort you are clearly a BAD
ham if you are realy a licensed one at all

when you going to stop welching on your bets SC?
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

450. when you going to stop welching on your bets SC?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 00:41:25 UTC
From: Mark@kb9rqz.net
Message-ID: <0ttdi2l2pcjk5r349afgv04kauphbel31s@4ax.com>
Source record: 51524
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

On Sat, 07 Oct 2006 00:32:18 GMT, Slow Code <my.mail@no.spam> wrote:

when you going to stop welching on your bets SC?
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

451. when you going to stop welching on your bets SC?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 00:42:18 UTC
From: Mark@kb9rqz.net
Message-ID: <futdi257ifiqb5frrbq1hlj3inhqn27qh9@4ax.com>
Source record: 51525
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

On Sat, 07 Oct 2006 00:32:24 GMT, Slow Code <my.mail@no.spam> wrote:

when you going to stop welching on your bets SC?

you are nothing but lousely no good welcher
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

452. Re: when you going to stop welching on your bets SC?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 01:07:53 UTC
From: Don Bowey <dbowey@comcast.net>
Message-ID: <C14C4BF9.467ED%dbowey@comcast.net>
Source record: 51426
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On 10/6/06 5:36 PM, in article djtdi21t67333i20b61cqb0oe3arpbg8st@4ax.com,
"Mark@kb9rqz.net" <Mark@kb9rqz.net> wrote:

> On Sat, 07 Oct 2006 00:32:12 GMT, Slow Code <my.mail@no.spam> wrote:
>
> when you going to stop welching on your bets SC?
> http://kb9rqz.blogspot.com/

Your home-page is a piece of filth.

PLEASE don't try to pass yourself off as being a good representative of ham
radio.

453. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 01:15:58 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <idDVg.43706$DU3.13118@tornado.texas.rr.com>
Source record: 51427
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

```
"Slow Code" <my.mail@no.spam> wrote in message
news:aACVg.5935$Y24.1936@newsread4.news.pas.earthlink.net...
> john <john@nospam.net> wrote in
> news:4brci2pq3dbaiirh802uig1dbqenatgtcm@4ax.com:
>
>> If he does have a call why is he so ashamed to give it to us?
>> There must be a reason.
>
>
> You don't need to know my callsign, all you need to know is that CW makes
> for more skilled amateurs and that's why we need to retain the
> requirement. CW also works a little as a filter to keep the sick, lame
> and Lazy off HF. We need to bring back the CW requirement for Techs so we
> can raise the intelligence level of conversations on the repeaters.
>
> SC

Or conversely, just dumb it down to your level so that you can understand.
```

454. Re: when you going to stop welching on your bets SC?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 01:16:23 UTC
From: Mark@kb9rqz.net
Message-ID: <5uvdi21c7t6ed084fnd4lvninmeghg99br@4ax.com>
Source record: 51428
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Fri, 06 Oct 2006 18:07:53 -0700, Don Bowey <dbowey@comcast.net>
wrote:

>On 10/6/06 5:36 PM, in article djtdi21t67333i20b61cqb0oe3arpbg8st@4ax.com,
>"Mark@kb9rqz.net" <Mark@kb9rqz.net> wrote:
>
>> On Sat, 07 Oct 2006 00:32:12 GMT, Slow Code <my.mail@no.spam> wrote:
>>
>> when you going to stop welching on your bets SC?
>> http://kb9rqz.blogspot.com/
>
>Your home-page is a piece of filth.
you think so interesting since most of is simply reposting the
attacking of others
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

455. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 01:18:04 UTC
From: Mark@kb9rqz.net
Message-ID: <010ei215pvei2bk89m135t9a4cafhgure1@4ax.com>
Source record: 51429
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Sat, 07 Oct 2006 01:15:58 GMT, "U-Know-Who" <no-one@nowhere.com>
wrote:

>
>"Slow Code" <my.mail@no.spam> wrote in message
>news:aACVg.5935$Y24.1936@newsread4.news.pas.earthlink.net...
>> john <john@nospam.net> wrote in
>> news:4brci2pq3dbaiirh802uig1dbqenatgtcm@4ax.com:
>>
>>> If he does have a call why is he so ashamed to give it to us?
>>> There must be a reason.
>>
>>
>> You don't need to know my callsign, all you need to know is that CW makes
>> for more skilled amateurs and that's why we need to retain the
>> requirement. CW also works a little as a filter to keep the sick, lame
>> and Lazy off HF. We need to bring back the CW requirement for Techs so we
>> can raise the intelligence level of conversations on the repeaters.
>>
>> SC
>
>Or conversely, just dumb it down to your level so that you can understand.
his objection is eleimating the stupid parts of the current license
thereby smarting it up
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

456. Re: Why is copper better than steel for wire antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 02:24:27 UTC
From: Tony VE6MVP <tony@REMOVEve6mvp.com>
Message-ID: <ft3ei25mq1hu0upipt8a8lqpupms0d01if@4ax.com>
Source record: 51430

On Fri, 06 Oct 2006 22:17:10 GMT, Owen Duffy <owen@no.where> wrote:

>Antenna wire would be one of the lowest cost elements of a complete
>system, which questions the cost effectiveness of savings.

Sure, but clothesline wire is easily available in this small town.
Copper wire means I'd have to search it out in the nearest big city.

Tony

457. Lattin antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 03:16:42 UTC
From: JIMMIE <JIMMIEDEE123@YAHOO.COM>
Message-ID: <1160191002.619730.286030@k70g2000cwa.googlegroups.com>
Source record: 51431

I've read with interest the discussion on the Lattin antenna. I couldnt help but wonder if this type of contruction could be applied to a 1/4 lambda vertical antenna mamde of metal tubing. I can see some neighborhood assciations accepting this as an artistic flagpole design. Heck my wife may even like one for 80,40 and 20 in her flower bed. Our 35ft flagpole has gotten lost among the oaks, we really need something more statuesque.

Jimmie.

458. Re: Why is copper better than steel for wire antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 03:25:03 UTC
From: jimp@specsol.spam.sux.com
Message-ID: <q6jjv3-4ra.ln1@mail.specsol.com>
Source record: 51432

Tony VE6MVP <tony@removeve6mvp.com> wrote:
> On Fri, 06 Oct 2006 22:17:10 GMT, Owen Duffy <owen@no.where> wrote:

> >Antenna wire would be one of the lowest cost elements of a complete
> >system, which questions the cost effectiveness of savings.

> Sure, but clothesline wire is easily available in this small town.
> Copper wire means I'd have to search it out in the nearest big city.

> Tony

All the wire antennas I've built for the last 20 years or so have
been made out of electrical wire from the local home improvement
store.

They alway seem to outlive my interest in them.

--
Jim Pennino

Remove .spam.sux to reply.

459. Re: Why is copper better than steel for wire antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 04:20:36 UTC
From: Tony VE6MVP <tony@REMOVEve6mvp.com>
Message-ID: <mlaei2lat9m6thf3p17b36n7ddlh919k5g@4ax.com>
Source record: 51433

On Sat, 07 Oct 2006 03:25:03 GMT, jimp@specsol.spam.sux.com wrote:

>> >Antenna wire would be one of the lowest cost elements of a complete
>> >system, which questions the cost effectiveness of savings.
>
>> Sure, but clothesline wire is easily available in this small town.
>> Copper wire means I'd have to search it out in the nearest big city.
>
>> Tony
>
>All the wire antennas I've built for the last 20 years or so have
>been made out of electrical wire from the local home improvement
>store.
>
>They alway seem to outlive my interest in them.

Just standard household electrical wiring? So purchase some two wire
(actually three wire if you include the ground wire) electrical cable
and use the black and white wires? Will the insulation withstand the
out doors? Or do you strip off the insulation and use them bare?

Tony

460. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 04:24:49 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <m_FVg.3639$gM1.3587@fed1read12>
Source record: 51434
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Jack Ricci" <ricci@mnsi.net> wrote in message
news:efokcn02s86@enews3.newsguy.com...

< snip >

> When listening to CW on my scanner, are there any tell-tale indications
> that the operator is dyslexic?

Not trying to be funny: "Yeah, he's the one who isn't on the air."

I have the problem and I'll never be a code op.

Samples in typing: "Th enext time; a liitle while". Int he first case
(look, there's a real one I didn't plan)

Starting over: In the first case, I swapped the space and the letter "e."
In the second one I double-lettered the "i" instaed of the "t." (Another
real one with "instead" in the last sentence.)

The problem is real and it's maddening. When somebody tells me I can learn
code if I really apply myself, I am tempted to go back at him with something
like, "True, and you could grow back the hair on your bald head if you
really apply yourself." Yes, it really is like that, except that there's no
combover for dyslexia.

I have to dial the phone very carefully and I must read back phone numbers,
as I do not translate them well among seeing, hearing, writing and dialing
them.

This seems to be a problem associated with the orderly sequencing of things.
Otherwise, I'm pretty good at math and very good at anything graphical
(maps, diagrams, schematics) or verbal (vocabulary, word games, puzzles,
puns). Go figure.

Thanks for asking.

461. Re: Why is copper better than steel for wire antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 04:26:53 UTC
From: Tony VE6MVP <tony@REMOVEve6mvp.com>
Message-ID: <hpaei293c65c6rquo1qc6eagaoo0ric21j@4ax.com>
Source record: 51435

On Thu, 05 Oct 2006 23:38:11 -0700, Roy Lewallen <w7el@eznec.com>
wrote:

I have to think about your response a bit and attempt to understand
some things a bit better. My technical knowledge is limited but I'm
learning lots.

What I have in mind, before winter sets in, is to setup a horizontal
loop just underneath the eaves of the house. Some eyes along the long
wide of the house and stretched along the narrow width. And use a
SGC Smartuner as per
http://www.sgcworld.com/SmartunerProductPage.html.

This will at least get me going on the HF side of things. Nothing
fancy and with not a lot of range but enough to give me a taste of HF
while I think about what I want to do with the trees in the lot and
such.

So one thing I would want to do is to ensure the wire is insulated
from the eyes so there is no sparking or static. And clothesline is
meant for the out of doors which is why I was thinking of it.

Tony

462. building a cepstrum reflectometer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 04:37:19 UTC
From: FISH <rajivramsawak@hotmail.com>
Message-ID: <1160195839.137987.295140@b28g2000cwb.googlegroups.com>
Source record: 51436

Hey guys, do any of you know how to build a cepstrum reflectometer? If so please reply as soon as possible and as simple as possible. IF you don't kn0w how to build it, and you know how to build a time domain reflectometer? Feel free to reply...

Waiting your response...

463. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 04:52:09 UTC
From: Mark@kb9rqz.net
Message-ID: <iccei2dm7th5c2jeis8dvdiqp90o94gkjb@4ax.com>
Source record: 51437
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Fri, 6 Oct 2006 21:24:49 -0700, "Sal M. Onella"
<salmonella@food.poisoning.org> wrote:

>
>"Jack Ricci" <ricci@mnsi.net> wrote in message
>news:efokcn02s86@enews3.newsguy.com...
>
>< snip >
>
>> When listening to CW on my scanner, are there any tell-tale indications
>> that the operator is dyslexic?
>
>Not trying to be funny: "Yeah, he's the one who isn't on the air."
ruefully funny I agre
>
>I have the problem and I'll never be a code op.
>
>Samples in typing: "Th enext time; a liitle while". Int he first case
>(look, there's a real one I didn't plan)
you till I replied tto the post which in free agent changes the color
to blue i did not see either of those error I saw them corected since
my mind is used to prefroming the correction to the first proccesed
text already
>
>Starting over: In the first case, I swapped the space and the letter "e."
>In the second one I double-lettered the "i" instaed of the "t." (Another
>real one with "instead" in the last sentence.)
>
>The problem is real and it's maddening. When somebody tells me I can learn
>code if I really apply myself, I am tempted to go back at him with something
>like, "True, and you could grow back the hair on your bald head if you
>really apply yourself." Yes, it really is like that, except that there's no
>combover for dyslexia.
>
>I have to dial the phone very carefully and I must read back phone numbers,
>as I do not translate them well among seeing, hearing, writing and dialing
>them.
you can dail it without using speed dail good for you that maddeningly
will escape for days at a time. I love my programable phone (anybody
know a cordless phone with say cloning like ability of some of
programable HT)
>
>This seems to be a problem associated with the orderly sequencing of things.

>Otherwise, I'm pretty good at math and very good at anything graphical
>(maps, diagrams, schematics) or verbal (vocabulary, word games, puzzles,
>puns). Go figure.
>
>Thanks for asking.
>
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

464. Re: Why is copper better than steel for wire antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 05:05:01 UTC
From: jimp@specsol.spam.sux.com
Message-ID: <mmojv3-gsq.ln1@mail.specsol.com>
Source record: 51438

Tony VE6MVP <tony@removeve6mvp.com> wrote:
> On Sat, 07 Oct 2006 03:25:03 GMT, jimp@specsol.spam.sux.com wrote:

> >> >Antenna wire would be one of the lowest cost elements of a complete
> >> >system, which questions the cost effectiveness of savings.
> >
> >> Sure, but clothesline wire is easily available in this small town.
> >> Copper wire means I'd have to search it out in the nearest big city.
> >
> >> Tony
> >
> >All the wire antennas I've built for the last 20 years or so have
> >been made out of electrical wire from the local home improvement
> >store.
> >
> >They alway seem to outlive my interest in them.

> Just standard household electrical wiring? So purchase some two wire
> (actually three wire if you include the ground wire) electrical cable
> and use the black and white wires? Will the insulation withstand the
> out doors? Or do you strip off the insulation and use them bare?

> Tony

Standard, single strand, solid, electrical wire, normally with the
insulation left on.

I usually buy blue so it blends with the sky.

Leaving the insulation on shortens the wire required ever so slightly.

The insulation lasts for years on everything I've ever put up.

--
Jim Pennino

Remove .spam.sux to reply.

465. Re: Why is copper better than steel for wire antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 06:05:03 UTC
From: Brian Kelly <kelly@dvol.com>
Message-ID: <1160201103.350339.42350@h48g2000cwc.googlegroups.com>
Source record: 51439

Tony VE6MVP wrote:
> On Sat, 07 Oct 2006 03:25:03 GMT, jimp@specsol.spam.sux.com wrote:
>
> >> >Antenna wire would be one of the lowest cost elements of a complete
> >> >system, which questions the cost effectiveness of savings.
> >
> >> Sure, but clothesline wire is easily available in this small town.
> >> Copper wire means I'd have to search it out in the nearest big city.
> >
> >> Tony
> >
> >All the wire antennas I've built for the last 20 years or so have
> >been made out of electrical wire from the local home improvement
> >store.
> >
> >They alway seem to outlive my interest in them.
>
> Just standard household electrical wiring? So purchase some two wire
> (actually three wire if you include the ground wire) electrical cable
> and use the black and white wires? Will the insulation withstand the
> out doors?

Not any of the multi-conductor household electrical wire ("Romex"),
find a spool of insulated #14 single-conductor "household wire" at any
decent neighborhood hardware store. Here in the southern provinces it's
called "#14 THHN" which comes in both solid and stranded types and in a
multitude of colors. I prefer stranded wire because it's less prone to
bending fatigue failure than is solid wire. Theoretically

If push comes to shove dial up a local electrician and ask where he
gets the stuff.

Personally I wouldn't string the wire thru bare screw eyes, I'd use the
Radio Shack catalog number 15-853 screwin insulated "TV cable
standoffs" to support it.

> Or do you strip off the insulation and use them bare?

Leave the insulation alone, might get ugly after awhile but it lasts
forever out in the elements and has no discernable effect on the
performance of the wire as an HF loop antenna material.

>
> Tony

Brian w3rv

466. Re: building a cepstrum reflectometer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 06:37:52 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <4XHVg.1032$e65.188@trnddc05>
Source record: 51440

"FISH" <rajivramsawak@hotmail.com> wrote in message
news:1160195839.137987.295140@b28g2000cwb.googlegroups.com...
> Hey guys, do any of you know how to build a cepstrum reflectometer? If
> so please reply as soon as possible and as simple as possible. IF you
> don't kn0w how to build it, and you know how to build a time domain
> reflectometer? Feel free to reply...
>
> Waiting your response...
>

Hi Fish

Is this anything that interests you??
http://www.holmea.demon.co.uk/Avalanche/Avalanche.htm

Jerry

467. Re: Why is copper better than steel for wire antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 06:39:28 UTC
From: Brian Kelly <kelly@dvol.com>
Message-ID: <1160203168.478261.288070@b28g2000cwb.googlegroups.com>
Source record: 51441

Roy Lewallen wrote:
> Steel has a resistivity many times that of copper. It varies a lot with
> the alloy, so it's not possible to put a single number on it. But the
> real problem is that steel is ferromagnetic -- in other words, it has a
> high permeability.
>
> At radio frequencies, current flows in a thin layer near the surface of
> the conductor. (It actually continues clear to the center of the
> conductor, but the density decreases very rapidly with depth, so it's
> essentially zero anywhere except very near the surface.) This
> concentration of the current has the same result as passing the current
> through a wire of much smaller cross-sectional area: it greatly
> increases the resistance of the path carrying the current.
>
> The problem is that the thickness of this layer (more technically, the
> rate at which the current density decays with depth) is determined by,
> among other things, the permeability of the material -- the higher the
> permeability, the shallower the layer. So the higher the permeability,
> the higher the resistance. The permeability of steel is probably even
> more variable than resistivity, but I'd be surprised if you ever found
> any in common use with permeability under 100. Or if you found some with
> permeability of several thousand. Since the relationship between the
> depth of current flow and permeability is a square root, this means RF
> resistance of 10 to 100 or so times that of copper, as well as the
> higher resistance due to the higher DC material resistivity.
>
> If the antenna has a large enough surface area, even steel is fine. A
> common example is an FM mobile whip, which has insignificant loss, or a
> tower operated as a vertical. But because of the way the current depth
> and antenna size change with frequency, the loss with a given wire size
> gets greater and greater as you go lower in frequency, assuming the
> antenna stays the same size in terms of wavelength. So while moderate
> diameter steel wire might have insignificant loss on the higher
> frequency HF bands, that same wire might have substantial loss at the
> lower end of the HF range.
>
> Most hams can measure SWR, but almost none can quantitatively measure
> the strength of the signal their antennas radiate. And most run way more
> power than needed to communicate, so can easily lose quite a few dB
> without a major effect on communications. Consequently, the wider
> bandwidth gained due to loss in steel wire is considered an asset, while
> the few dB loss is probably not noticed. (Although hams spend a
> staggering amount of money trying to buy a few extra dB of gain. Go
> figure.) In fact, I recall an article some years ago -- in QST if I'm

> not mistaken -- featuring a wide-band 80 meter antenna whose secret was
> just that -- loss from using steel wire.
>
> If you try it, you might just like it!
>
> By the way, copper wire is easily obtained and not that expensive,
> either, should you choose to go for a stronger signal rather than wider
> bandwidth.

Brings up a question in my mind which is related to the points you've made about conductivity vs. skin depth. As it then relates to bare vs. insulated copper wire for HF work.
Bare copper wire out in the WX will oxidize which adds a layer of copper oxide on the O.D. of the wire over time. What is the effect of this layer on skin resistance losses at HF frequencies in practical terms? Somewhere along the line I picked up the notion that copper oxide is a pretty lousy conductor and the problem can be resolved by using insulated wire for wire antennas . . comments??

>
> Roy Lewallen, W7EL

Brian w3rv

468. Re: Lattin antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 06:49:48 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <gtiei2hul5eai2e1affcoembfp0qvh4cqi@4ax.com>
Source record: 51442

On 6 Oct 2006 20:16:42 -0700, "JIMMIE" <JIMMIEDEE123@YAHOO.COM> wrote:

>I've read with interest the discussion on the Lattin antenna. I couldnt
>help but wonder if this type of contruction could be applied to a 1/4
>lambda vertical antenna mamde of metal tubing. I can see some
>neighborhood assciations accepting this as an artistic flagpole design.
>Heck my wife may even like one for 80,40 and 20 in her flower bed. Our
>35ft flagpole has gotten lost among the oaks, we really need something
>more statuesque.

Hi Jimmie,

It will certainly qualify as statuesque, but that would be its sole
quality. You would stand better staying with the flagpole.

Condolences,
Richard Clark, KB7QHC

469. Re: Why is copper better than steel for wire antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 06:58:50 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <rpjei29smi9i024llpgdtoapbb2roe7q10@4ax.com>
Source record: 51443

On 6 Oct 2006 23:39:28 -0700, "Brian Kelly" <kelly@dvol.com> wrote:

>Somewhere along the line I picked up the notion that copper
>oxide is a pretty lousy conductor and the problem can be resolved by
>using insulated wire for wire antennas . . comments??

Hi Brian,

Consider, insulation is pretty lousy conductor too. Current is going to conduct where it will, and ignore both insulation and oxide. Put a high resistance path in parallel with a very low resistance path (of identically the same length), which one will current choose? The problem of oxide is when it encounters a poor joint and creates a semiconductor.

73's
Richard Clark, KB7QHC

470. Re: Lattin antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 08:30:42 UTC
From: Jeff <jeff@local.host>
Message-ID: <eg7ojhfgm1@emma.aioe.org>
Source record: 51444

>>I've read with interest the discussion on the Lattin antenna. I couldnt
>>help but wonder if this type of contruction could be applied to a 1/4
>>lambda vertical antenna mamde of metal tubing. I can see some
>>neighborhood assciations accepting this as an artistic flagpole design.
>>Heck my wife may even like one for 80,40 and 20 in her flower bed. Our
>>35ft flagpole has gotten lost among the oaks, we really need something
>>more statuesque.
>

I am sure that you could, assuming that the concept works in the first
place.
The patent, that you can get online by the way, shows a vertical against
ground set-up.

There are other designs of aerials that use stubs in a similar way, such as
the 'Copper Cactus'.

73
Jeff
G8HUL

471. Re: 20 M vertical ground plane antenna performance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 10:04:59 UTC
From: 62736748382 <12346@net.net>
Message-ID: <45277bcb_1@news.iprimus.com.au>
Source record: 51445

Steve Reinhardt wrote:
> I'm looking at another antenna for 20M. I've got a partially folded
> indoor attic antenna which gets out fairly well, but it certainly is
> directional.
> The ARRL handbook has had this design in it since they invented radio.
> It's often used at VHF, but seems a good candidate for this QTH. It's a
> 1/4 wave element over 4 1/4 wave radials at 45 degrees off horizontal,
> drooping to earth. My installation would be at ground level, with the
> base of the radiating element about 12.5 feet of the earth.
> Mechanically, it would be easy to put together, but I hate to waste
> the time if it's known to be a poor performer. I tried to use the EZNEC
> 4 demo, but 55 segments aren't enough to create a reasonable model of
> the physical layout, and I'm not smart enough to try a simplification.
> So, has anyone done an analysis of this antenna? Would the performance
> be similar to a low mounted vertical dipole, or would the 4 radials
> offer a bit better performance so close to earth?
> If there's an literature I missed, please point me toward it. Most of
> the antenna manufacturers refer to regular flat, on the ground radial
> systems, and except for some CB literature which has no technical basis
> for its recommendations, there's not any analytical data I can find. The
> best thing I found was at web.wt.net/~nm5k/acompari.htm for 10m
> applications, at 40 ft elevation.
>
> 73,
> W1KF
> Steve

Why not look at the shortened vertical Dipole. Theres some construction details in the 2006 Handbook.

Another good antenna is the Skeleton slot. Fed with open wire feedline makes a good multi band low angle radiator.

Placing any vertical antenna high as the cb'ers do is just a waste of good RF energy. You split the main lobes and get a lot of high stuff. Which may be good for local stuff.

4 radials closes to earth might work if you have good earth conductivity. Otherwise you will be losing a lot of your power heating the earth.

A vertical on the ground needs 60 radials to be competitive with a good dipole at 40 and above feet.

A vertical fed with high power works because its take off angle is close to ideal as a general purpose DX antenna. I can thrash guys on 20

meters running low beams with a good vertical! Some just dont understand how circuit gain is affected by takeoff angle. Its the difference between the positive and negative gain on both ends this can amount to 10 to 20 db at low angles. Something guys with stacked yagis know of very well.

If you soil conductivity around you is poor there no advantage to using a longer vertical. Your take off angle is determined by the brewster angle. The longer you make a vertical the better the ground system you must have and further out it must be to prvent losses. In restricted neighbourhoods its a waste of time!

Just operating in a urban environment with a vertical your signal will be down 6 db over that same vertical in a open area. Urban areas have a built in loss factor, this has been documented by the ITU. I sit on the edge of urban sprawl and can kill stations with low yagis with a good ground mounted vertical just because i am in the clear.

But suck it and see, try it. It does not cost much. Vertical antennas are not inherently noisy in a quite location. Its just when you use a vertical antenna in urban areas most of the major is intersecting and passing directly through the noise source, so it seems noisier. Try a vertical antenna in the country and compare it to a dipole they have about the same signal to noise ratio.

My 2 Bits worth

Greg

472. Re: HF Mobile - Grounding Antenna when stationary

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 10:13:30 UTC
From: 62736748382 <12346@net.net>
Message-ID: <45277dca_1@news.iprimus.com.au>
Source record: 51446

VK2KCE wrote:
> Korbin,
> I have just done a heap of experimenting on 80m using a Terlin Outbacker
> "Outreach" mobile whip.
> I found that it made none or little difference when using 4 x 1/4 wavelength
> radials.
> I then used a 33 ft fibreglass extendable pole with a dipole attached,
> certainly and naturally it outperformed the mobile whip.
> I made up a full wave loop on 80m, slung it vertically between 2 large
> trees, and found it out performed the dipole, mainly because of the noise
> level was lower than either the mobile whip or the dipole.
> On receive the full wave loop was the best, followed by the inverted vee and
> lagging way behind was the mobile whip.
> my 2 cents worth.
> John
>
> "Korbin Dallas" <korbindallas@dogeit.com> wrote in message
> news:Uem7g.54594$Eh4.50096@trnddc01...
> : On Sun, 07 May 2006 10:33:51 +0930, OZUser wrote:
> :
> : > As an avid 4WD SUV owner I do a lot of outback travelling (Austrlian
> : > Deserts, Cape York, Kimberly Coast) and as such have a Barrett 950
> HFradio
> : > &Barrett 910 Autotune antenna installed for comms.
> : >
> : > Would it be preferable when camped / stationary to earth the vehile to a
> : > "ground" ground = what I am looking for is a better receive signal ?????
> :
> : Switching to a Dipole antenna suspended from the trees would be a Major
> : step upward in performance.
> :
> : Mobile antennas have very low efficiency, grounding them will not improve
> : that significantly relative to the dipole.
> :
> : KD
>
>
Throw the terlin away and you will gain 6db by using a decent mobile
antenna, no joke. The thing is dummy load for dx.

You would not say that about vertical mobile antennas if you screwed a
1/4 wave whip on your vehicle using the same ground

Considering that people claim terlins to work when they tuner them to a
1:1 vswr is laughable really, with something like 40 ohms ground loss

resistance!

You could try a inverted L with a autotuner at the base if you wanted better efficiency. A 6 meter fishing pole with 6 meters of wire horizontal is a cracker antenna.

Worst mobile antennas are those base loaded auto tuning antennas from codan and barret, they have a honest 12 db loss compared to a good monoband 20 meter centre loaded whip.

When you antenna is short you better off using multiple very small radials than a few long ones.

Just forget all the nonses and make a good centre fed doublet with open wire feedline and use it on all bands. No Better or cheaper antenna around.

Yeah and forget those joke Dummy Load Antennas sold by Barret Codan and Bushcomm. They a heap of crap.

Greg

473. Re: Lattin antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 10:14:42 UTC
From: 62736748382 <12346@net.net>
Message-ID: <45277e11_1@news.iprimus.com.au>
Source record: 51447

JIMMIE wrote:
> I've read with interest the discussion on the Lattin antenna. I couldnt
> help but wonder if this type of contruction could be applied to a 1/4
> lambda vertical antenna mamde of metal tubing. I can see some
> neighborhood assciations accepting this as an artistic flagpole design.
> Heck my wife may even like one for 80,40 and 20 in her flower bed. Our
> 35ft flagpole has gotten lost among the oaks, we really need something
> more statuesque.
>
> Jimmie.
>
Parallel fed vertical will do the same job with a lot less trouble. See
the ARRL Compendium Vol5

Greg

474. Re: Rhombics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 13:19:33 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <CPNVg.19273$vi3.18039@bignews3.bellsouth.net>
Source record: 51448

"You" <You@shadow.orgs> wrote in message
news:You-001EF2.09093703102006@netnews.worldnet.att.net...
> In article <YPvUg.7034$TV3.2225@newssvr21.news.prodigy.com>,
> Cecil Moore <mycall@hotmail.com> wrote:
>
>> Jimmie D wrote:
>> > Back in the 70s a friend and I put up a rhombic antenna in a pecan
>> > orchard
>> > on 11M. If I remember correctly each leg was about 8 wl long.
>>
>> Isn't that an illegal antenna on 11m? :-)
>
> Not back in the 70's........

I didnt think it was either. We belonged to a club back then that stressed playing by the rules. As a result of this there were a lot of people playing with antennas.

I did witness an intersting phenomenom with this antenna. The beam of the antenna was nearly perpendicular to I-75 and sometimes we could hear truckers as they passed though the main lobe. Over a period of time we were able to deduce that the area of reception was only about a mile wide at this point.
Jimmie

475. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 13:32:47 UTC
From: james <george@washington.edu>
Message-ID: <f7afi2hs7dbp1hbjpthr8lrbu9hkm7vbqe@4ax.com>
Source record: 51449
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Fri, 6 Oct 2006 16:52:24 -0400, "Fred G." <Radios@rmylife.com>
wrote:

>+++Neither the Code NOR Theory tests will weed out the bad radio operator any
>+++more than a driving test will weed out the DUIs - OR - the Physical agility,
>+++legal and other exams will weed out bad cops. Those tests are only tests of
>+++"Proficiency" in the subject matter - NOT - "Mentality". Those tests won't
>+++stop the trash.
>+++But those who choose to not learn code will continue to bitch about why they
>+++shouldn't. OK, DROP the code.....Next you'll want the "Theory" taken away
>+++too. Want to bet?
>+++
>+++Fred G.
****

Fred

The theory questions even the extra exam is not that difficult. A
decent electronics tech with an AA degree can master that test. In
fact the tests are so dummied down that just about anyone that has the
ability read and comprehend can pass them with the minimal of
coaching. So if you think so highly your "Theory" tests then I hate to
burst your bubble.

Why should proficiency in one means of communication hender operation
in another? I tend to think that those that are very proficient with
morse code tend to spend more of their time with that mode of
communication. Why should there be a limitation on other modes that do
not wish to use that mode? Most hams learn morse code and then forget
it. I have no issue with showing proficiency in a means of
communication to get priviledges. I have no issues with showing a
proficiency with "theory" as a means of priviledges.

The thing here is usage of the airwaves is a priviledge and not a
right. So what ever the government cares to do in this avenue is fine
with me. I will take advantage of what ever they offer me.

james

476. Re: Problem with off topic postings in antenna newsgroup

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 13:40:45 UTC
From: Mark@kb9rqz.net
Message-ID: <4527a15f$0$19617$88260bb3@free.teranews.com>
Source record: 51450
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,rec.radio.shortwave,rec.radio.scanner

"Michael Coslo" <mjc5@psu.edu> wrote in message
news:eg3l42$n84$1@f04n12.cac.psu.edu...
> Indeed, the major offender - the one who has extreme spelling challenges,
> knows exactly what he is doing. He keeps multiple addresses to avoid
> posting limits, and if you reply to his messages in a manner in which he
> disagrees with, you'll get replies from all of 'em.
>
>
cute nick
ut why provoke woger futher you are stiring ths hit that you claim to
dislike
gay bashers are not welcome anywhere that is why they use fake names
like Slow Code fortunitly it seem the only pedophiles present are your self
and
psoibly Robeson

I am repbulican former director of my charpter of the log cabin
rpulicans and currently memeer of that gruop and th jewsih repubilcans with
the punce gotcha he wonders why I simple don't bother to ty
impoving my spelling do u hav anyting cognet two say?

my blog
http://www.marksspamblog.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

477. Re: Problem with off topic postings in antenna newsgroup

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 13:50:32 UTC
From: Mark@kb9rqz.net
Message-ID: <4527a3aa$0$19713$88260bb3@free.teranews.com>
Source record: 51451
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,rec.radio.shortwave,rec.radio.scanner

"Michael Coslo" <mjc5@psu.edu> wrote in message
news:eg3r7i$176u$1@f04n12.cac.psu.edu...
> kb9rqz@hotmail.com wrote:
>> Michael Coslo wrote:
>>> Rick wrote:
>>
>>> Indeed, the major offender - the one who has extreme spelling
>>> challenges, knows exactly what he is doing. He keeps multiple addresses
>>> to avoid posting limits, and if you reply to his messages in a manner in
>>> which he disagrees with, you'll get replies from all of 'em.
>> not sure Mike if you are refering to me but thank you i do know what I
>> am doing OTOH you do not
>>
>> tell me how did you moderated to death effort to rep[lace RRAP go
>> did you learn when you surpess desent you kill discusioons of issues
>>
>> I never added radio NG to posting never I lleave as is since if I am
>> libled in the post I want the response to go to all of them I was
>> libeled in
>>
>> prehaps mike is you had foucsed your anager on theose using slibel and
>> chrater assignation years ago instead of tolerating and rewarding it
>> things would not be so bad
>>
>> but of course NOTHING is your responsiblity even in part
>
>
>
>
> And there you have it!
>
> Thanks for proving my point Mr. Morgan. I don't really know why you do
> what you do, but for whatever reason you do it.
>
> _73 de mike KB3EIA -
>
>
I have apologized to the NG. I also have stated what it will take to
stop such behavoir so go talk to Robeson he was accusing Todd of both right
I returned to ng he ha accused in
my absense Hans of both pedo- and Zoo- phlia. he accused BB of child
molesting

I will not allow Robeson or anyone else to sence by harrassment if
that means firing back so be it

I am sorry that I have found it needfull to use such tactics I
apologize again to the NG in generalmore like 50 perscent the rest would go
with your buddy K4yz
but yes their is still magaic I play with it (although yes acess to HF
would be a help as I learn the ins and out of EME and other VHF+ modes
pity that progress in the ARS is opposed at every turn by hams
themslves with the punce gotcha he wonders why I simple don't bother to ty
impoving my spelling do u hav anyting cognet two say?

my blog
http://www.marksspamblog.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

478. Homebrew SteppIR Moxon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 15:05:39 UTC
From: jawod <jawod@fuse.net>
Message-ID: <3fff8$4527c2b4$4831cd39$11802@FUSE.NET>
Source record: 51452

I came up with an idea that, to me at least, seemed interesting.
Imagine a Moxon design, a sort of "double D" "[]" arrangement. Imagine this arrangement encased in a PVC square or rectangle.
Now, picture standard copperwire making up the elements and attached to each distal end is fishing line leading across the [] to the other side. This is true for both elements.
Now, imagine a take up spool and motor such that the length of each element can be adjusted in SteppIR-like fashion. With the proper electronics, it seems you have a Moxon with adjustable resonance...a sort of homebrew SteppIR. I would imagine that the useable bandwidth would not be as great and at the appropriate length, the Moxon becomes a two element Yagi.

Any comments? From the "big guns"? "Duff-Man"? Anyone?

Thanks!

John
AB8O

479. Re: Homebrew SteppIR Moxon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 15:34:04 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <ZNPVg.5$MI5.1@newsfe12.lga>
Source record: 51453

The whole benefit in Moxon is the precise dimensions of gaps and bends for optimum and great F/B performance. By opening the gaps you will defeat the benefit and have just sorta loaded Yagi.

73 Yuri, K3BU

"jawod" <jawod@fuse.net> wrote in message
news:3fff8$4527c2b4$4831cd39$11802@FUSE.NET...
>I came up with an idea that, to me at least, seemed interesting. Imagine a
>Moxon design, a sort of "double D" "[]" arrangement. Imagine this
>arrangement encased in a PVC square or rectangle.
> Now, picture standard copperwire making up the elements and attached to
> each distal end is fishing line leading across the [] to the other side.
> This is true for both elements.
> Now, imagine a take up spool and motor such that the length of each
> element can be adjusted in SteppIR-like fashion. With the proper
> electronics, it seems you have a Moxon with adjustable resonance...a sort
> of homebrew SteppIR. I would imagine that the useable bandwidth would not
> be as great and at the appropriate length, the Moxon becomes a two element
> Yagi.
>
> Any comments? From the "big guns"? "Duff-Man"? Anyone?
>
> Thanks!
>
> John
> AB8O

480. Re: Homebrew SteppIR Moxon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 16:23:39 UTC
From: Dale Parfitt <par@parelectronics.com>
Message-ID: <fwQVg.386$i84.83@trnddc01>
Source record: 51454

"jawod" <jawod@fuse.net> wrote in message
news:3fff8$4527c2b4$4831cd39$11802@FUSE.NET...
>I came up with an idea that, to me at least, seemed interesting. Imagine a
>Moxon design, a sort of "double D" "[]" arrangement. Imagine this
>arrangement encased in a PVC square or rectangle.
> Now, picture standard copperwire making up the elements and attached to
> each distal end is fishing line leading across the [] to the other side.
> This is true for both elements.
> Now, imagine a take up spool and motor such that the length of each
> element can be adjusted in SteppIR-like fashion. With the proper
> electronics, it seems you have a Moxon with adjustable resonance...a sort
> of homebrew SteppIR. I would imagine that the useable bandwidth would not
> be as great and at the appropriate length, the Moxon becomes a two element
> Yagi.
>
> Any comments? From the "big guns"? "Duff-Man"? Anyone?
>
> Thanks!
>
> John
> AB8O

The most critical elements of the Moxon are the tail lengths and gap
spacing- change that and you lose the F/B and the natural 50 Ohm feed.

Dale W4OP

481. Re: Problem with off topic postings in antenna newsgroup

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 17:39:34 UTC
From: Mark@kb9rqz.net
Message-ID: <3ipfi2hbh78a60k95nqlmbd1i2uejnb92s@4ax.com>
Source record: 51455
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,rec.radio.shortwave,rec.radio.scanner

On Sat, 7 Oct 2006 09:40:45 -0400, <Mark@kb9rqz.net> wrote:

forgering artill more wogerid theft is a crime
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

482. Re: nice pikture of tood

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 17:43:55 UTC
From: Mark@kb9rqz.net
Message-ID: <hqpfi2ta8f9m1blg8t5gja3935e7djcomq@4ax.com>
Source record: 51456
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,rec.radio.shortwave,rec.radio.scanner

On Sat, 7 Oct 2006 10:05:56 -0400, <Mark@kb9rqz.net> wrote:
id theft is c rime
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

483. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 18:04:54 UTC
From: an old friend <kb9rqz@hotmail.com>
Message-ID: <1160244294.175188.302620@i3g2000cwc.googlegroups.com>
Source record: 51457
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

james wrote:
> On Fri, 6 Oct 2006 16:52:24 -0400, "Fred G." <Radios@rmylife.com>
> wrote:

> The thing here is usage of the airwaves is a priviledge and not a
> right. So what ever the government cares to do in this avenue is fine
> with me. I will take advantage of what ever they offer me.

and in stating that you just used the Consitution of the USA as toilet
paper

it is just that simple

the govt officail to regulate radio would derive from the "Nessary and
proper clause" the ITU treaty under the supremacy clause and the rest
to US (or the staes how are then exclude from radio regulation by the
ITU treay)
in partical the Govt has one other source of power over radio a(and
anything else they should not have) the willing of citizens to lie and
take it

The Govt had the power (and legal duty) to do code testing till 2003
when the treaty changed

the FCC has conceeded its intent we are waiting on them to push the
paper

484. Re: Why is copper better than steel for wire antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 18:20:38 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <qlrfi2hak4lid3aip5e29ia683ufd3u3oe@4ax.com>
Source record: 51458

The local price at Home Improvement stores is less than $25 for 500 feet of 14 gauge wire. I use electric fence insulators from the farm supply store.

I have been disapointed in the mechanical strength of the Aluminum electric fence wire.

On 6 Oct 2006 23:05:03 -0700, "Brian Kelly" <kelly@dvol.com> wrote:

John Ferrell W8CCW
John Ferrell W8CCW

485. Re: Why is copper better than steel for wire antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 18:26:34 UTC
From: Tony VE6MVP <tony@REMOVEve6mvp.com>
Message-ID: <kasfi2hjgmouf4ko3qjmfcdcr08t7cfct1@4ax.com>
Source record: 51459

On Sat, 07 Oct 2006 14:20:38 -0400, John Ferrell
<johnferrell@sprintmail.com> wrote:

>The local price at Home Improvement stores is less than $25 for 500
>feet of 14 gauge wire. I use electric fence insulators from the farm
>supply store.

Oh, ok. Electric fence wire. I hadn't thought of that.

Tony

486. Re: Why is copper better than steel for wire antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 18:28:18 UTC
From: Tony VE6MVP <tony@REMOVEve6mvp.com>
Message-ID: <jbsfi253hmnqo3htqrc4lr19h58636vh2m@4ax.com>
Source record: 51460

On 6 Oct 2006 23:05:03 -0700, "Brian Kelly" <kelly@dvol.com> wrote:

>Not any of the multi-conductor household electrical wire ("Romex"),
>find a spool of insulated #14 single-conductor "household wire" at any
>decent neighborhood hardware store.

My cursory glance as I walked by the small town stores didn't see any such but a few other stores, such as farm supply store, should have such.

>Personally I wouldn't string the wire thru bare screw eyes, I'd use the
>Radio Shack catalog number 15-853 screwin insulated "TV cable
>standoffs" to support it.

We don't have a Radio Shack store within a hundred miles. But I get the idea. I'll go looking for some such.

Tony

487. Re: QTFTWWAC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 18:40:19 UTC
From: Walter Maxwell <walt@w2du.com>
Message-ID: <horfi25svbrvl1jh4kft5uo79jk424297v@4ax.com>
Source record: 51461

On 5 Oct 2006 14:11:35 -0700, "Denny" <k8do@mailblocks.com> wrote:

>Absolutely not ignoring you Walt... Your name is certainly known to
>me... Shucks I have been reading my pablum stained copy of
>'reflections' for years... I have to say it is tough sledding when one
>reads by sliding his finger along the print whilst making lip
>movements... Could you have used shorter words, say less than one
>syllable, for folks like me - especially the preface?
>
I guess you got the pablum stains on the pages while sliding your finger along the print, eh? That's probably why you need words of less than one syllable. I heard from our mutual friend Mac N8TT that you're a doctor. A D.O. probably? (Why else with that call sign?) Then of course you graduated from words of less than one syllable to writing less than decipherable prescriptions. Right?

>Now, on the pencil tuner - scouts honor on the facts I posted - if you
>think the end of a half wave antenna won't bite, try it! From the
>color of the burns on my finger I would say that it was at least 1834z
>+/- j1571...
>
Oh, I believe you when you say the end of an antenna bites. I've often drawn 4-inch arcs with a pencil from the end of a 20-m dipole with 500 w input. The only problem I have with your arcs is that when you stretch a normal-length feedline out to a hundred yards, the diameter of the conductor becomes so small that it takes a megger to measure its resistance. How are you gonna get enough current through it to see a spark at the end of the dipole?

>I did not see an email from you in the inbox... Nope not spoofing my
>email, but it may be an outdated one... Current Email address is:
>
>ad4hk2004@yahoo.com
>
The address I used was k8do@mailblocks.com. It came back undeliverable--with that address it figgers.

My main reason for answering your posts is to say that my signal gets out pretty well on this band--R9 sig in Australia, yet no skip over Hemlock from nearby Mt. Pleasant. You and Mac are the only Michigan contacts I've made on this band. Pretty neat propagation, eh? Did you know the airline distance between us is only 26 miles?

I'm originally from Mt. P, but left in 1940, then back in 1946 after WW2. Retired to Florida, but became a snowbird when I remet and married my high-school sweetheart in 1996. She is an emeriti professor at CMU, so we live in her house in Mt. P. in summer, and in mine in DeLand, FL during the winter. We're leaving for FL Oct 30, so we won't have time to meet before then, but we

should next summer.

Walt

488. Re: QTFTWWAC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 18:52:34 UTC
From: Walter Maxwell <walt@w2du.com>
Message-ID: <j5tfi2phbcg46cko7lrlau8hmqgohi2bd4@4ax.com>
Source record: 51462

>BTW, the email address is the callsign of my departed mother, who at
>age 72 embarked upon getting a ham license... In just under two years
>she went from zero to extra, complete with a 20 wpm exam in front of
>the FCC in Tampa... Be aware that her educational background was a
>school marm teaching learning disabled kids... She is why I have zero
>sympathy for those who whine that the ham ticket has too many barriers
>and should be reduced...

Hi Denny,

What a wonderful Mother you had! And you're right abou the whiners.

My Dad built radios in the 1920s while I watched begining at age 3. Got my license W8KHK at 14 in 1933, but my Dad didn't regain his interest until 1945, when he became W8YNG. He was net control of the Michigan Emergency Net from 1953 to 1957, prior to his death in 2958. My three sons and I converged in Dayton this year. You can see a pic of us in front of the Hara Arena on my web page at www.w2du.com, Click on 'About the Author' and scroll down to the bottom of the page. There you'll see Bill, W2WM, Rick, W8KHK (my original call), and John, K4JRM.

As I said earlier, we'll have to arrange to meet next summer, that is, if the gas prices are reasonable. Do you get to FL in the winter? If you do, let us know ahead of time so you can stop in. DeLand is just 18 miles west of Daytona Beach, and 35 miles north of Orlando, on Interstate 4.

Nice to meet ya, Denny,

Walt

489. Re: Homebrew SteppIR Moxon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 20:15:01 UTC
From: jawod <jawod@fuse.net>
Message-ID: <45280AC5.6010806@fuse.net>
Source record: 51463

Dale Parfitt wrote:
> "jawod" <jawod@fuse.net> wrote in message
> news:3fff8$4527c2b4$4831cd39$11802@FUSE.NET...
>
>>I came up with an idea that, to me at least, seemed interesting. Imagine a
>>Moxon design, a sort of "double D" "[]" arrangement. Imagine this
>>arrangement encased in a PVC square or rectangle.
>>Now, picture standard copperwire making up the elements and attached to
>>each distal end is fishing line leading across the [] to the other side.
>>This is true for both elements.
>>Now, imagine a take up spool and motor such that the length of each
>>element can be adjusted in SteppIR-like fashion. With the proper
>>electronics, it seems you have a Moxon with adjustable resonance...a sort
>>of homebrew SteppIR. I would imagine that the useable bandwidth would not
>>be as great and at the appropriate length, the Moxon becomes a two element
>>Yagi.
>>
>>Any comments? From the "big guns"? "Duff-Man"? Anyone?
>>
>>Thanks!
>>
>>John
>>AB8O
>
>
> The most critical elements of the Moxon are the tail lengths and gap
> spacing- change that and you lose the F/B and the natural 50 Ohm feed.
>
> Dale W4OP
>
>
Thanks for the replies. Back to the imaginary drawing board.

490. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 20:21:28 UTC
From: "Fred G." <Radios@rmylife.com>
Message-ID: <45280c1e$0$25787$ecde5a14@news.coretel.net>
Source record: 51464
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

"james" <george@washington.edu> wrote in message
news:f7afi2hs7dbp1hbjpthr8lrbu9hkm7vbqe@4ax.com...
> On Fri, 6 Oct 2006 16:52:24 -0400, "Fred G." <Radios@rmylife.com>
> wrote:
>
>>+++Neither the Code NOR Theory tests will weed out the bad radio operator
>>any
>>+++more than a driving test will weed out the DUIs - OR - the Physical
>>agility,
>>+++legal and other exams will weed out bad cops. Those tests are only
>>tests of
>>+++"Proficiency" in the subject matter - NOT - "Mentality". Those tests
>>won't
>>+++stop the trash.
>>+++But those who choose to not learn code will continue to bitch about why
>>they
>>+++shouldn't. OK, DROP the code........Next you'll want the "Theory" taken
>>away
>>+++too. Want to bet?
>>+++
>>+++Fred G.
> **********
>
> Fred
>
> The theory questions even the extra exam is not that difficult. A
> decent electronics tech with an AA degree can master that test. In
> fact the tests are so dummied down that just about anyone that has the
> ability read and comprehend can pass them with the minimal of
> coaching. So if you think so highly your "Theory" tests then I hate to
> burst your bubble.
>
> Why should proficiency in one means of communication hender operation
> in another? I tend to think that those that are very proficient with
> morse code tend to spend more of their time with that mode of
> communication. Why should there be a limitation on other modes that do
> not wish to use that mode? Most hams learn morse code and then forget
> it. I have no issue with showing proficiency in a means of
> communication to get priviledges. I have no issues with showing a
> proficiency with "theory" as a means of priviledges.
>

> The thing here is usage of the airwaves is a priviledge and not a
> right. So what ever the government cares to do in this avenue is fine
> with me. I will take advantage of what ever they offer me.
>
> james

James,

Rethink what I wrote. I'm not claiming the tests are "all that"..... You are right, they ARE dummied down and NO, you do NOT need an AA degree to pass the Extra. Just some diligent studying. I was merely saying NEITHER test will eliminate the crap - for starters. BUT those who "are" whining about the code - if they get their wish, will then want the written exam dropped too. In other words - FREE - uninhibited passage. IF we gave Drs', Lawyers, Drivers, Pilots and other licenses away like some want the Ham licenses handed out, where would we be? Ham radio may not be all that, but it is what it is. Anything more stripped away from it - and it won't be worth having.

"I" had to learn the code, it really is no big deal. Do I use it? Not much, but I'm still glad I learned it. It was a matter of self discipline. Hey, drop the code......Who am "I" to force it down anyone's throat? That isn't my aim or argument. Again - you're going to see the push for the rest to be dropped too - some just aren't satisfied. Mark my words.

Fred G.

491. Re: Endfeed vertical halfvawe antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 20:21:39 UTC
From: William <billybeeper@juno.com>
Message-ID: <1160252499.093896.109500@m7g2000cwm.googlegroups.com>
Source record: 51465

J. Kragh wrote:
> Togethere wih a fellow amateur I am trying to design an endfeed halfvawe
> vertical antenna for 50 MHz.
>
> We have encountered som problems regarding the impedance match in the
> feedpoint. I have surveyed the ARRL Antenna Book and Antennebuch (a German
> antenna book very popular in Europe). The properties of the antenna and its
> impedance is well understood. The missing point is how to realise the
> matching network
>
> In order to avoid reinventing the whee: Does anybody have some good links to
> study practical realisations of the matching network?
>
> vy 73
>
> Joergen, OZ7TA

Joergen, I was working along the same lines for a 60M/5MHz antenna
several years ago. I asked the coded Extras on RRAP for suggestions
and got some pretty nasty replies. I hope that you are able to find
the help that you need.

Best of Luck!

bb

492. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 20:25:08 UTC
From: William <billybeeper@juno.com>
Message-ID: <1160252708.499314.128580@m7g2000cwm.googlegroups.com>
Source record: 51466
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

Slow Code wrote:

> If we raise the CW speed to 20 WPM for all classes...

Slow, that's all well and good, but how do we get rid of you and your
cross-posting to RRAA?

493. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 20:40:34 UTC
From: Mark@kb9rqz.net
Message-ID: <754gi2tmfvtrol85pqfj3j4ufigl9htkj9@4ax.com>
Source record: 51467
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

On 7 Oct 2006 13:25:08 -0700, "William" <billybeeper@juno.com> wrote:

>
>Slow Code wrote:
>
>> If we raise the CW speed to 20 WPM for all classes...
>
>Slow, that's all well and good, but how do we get rid of you and your
>cross-posting to RRAA?
sadly the only I know I know is ilegeal and a bit extreme . it is
called homocide
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

494. Re: Endfeed vertical halfvawe antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 20:42:40 UTC
From: William <billybeeper@juno.com>
Message-ID: <1160253760.662623.139960@m73g2000cwd.googlegroups.com>
Source record: 51468

J. Kragh wrote:
> Good morning all

snip

> Tom Ring asked about 6 metres in Europe.

K8MN, from Africa, managed to snag a bunch of out of band Frenchmen on
6M.

Perhaps he could shed some light on 6M DX Operations.

495. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 20:44:03 UTC
From: Mark@kb9rqz.net
Message-ID: <c74gi2l85cqhngn1nra1ki5jlqogqto0r2@4ax.com>
Source record: 51469
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Sat, 7 Oct 2006 16:21:28 -0400, "Fred G." <Radios@rmylife.com>
wrote:

>"james" <george@washington.edu> wrote in message
>news:f7afi2hs7dbp1hbjpthr8lrbu9hkm7vbqe@4ax.com...
>> On Fri, 6 Oct 2006 16:52:24 -0400, "Fred G." <Radios@rmylife.com>
>> wrote:

>> james
>
>James,
>
>Rethink what I wrote. I'm not claiming the tests are "all that"........ You
>are right, they ARE dummied down and NO, you do NOT need an AA degree to
>pass the Extra. Just some diligent studying. I was merely saying NEITHER
>test will eliminate the crap - for starters. BUT those who "are" whining
>about the code - if they get their wish, will then want the written exam
>dropped too. In other words - FREE - uninhibited passage. IF we gave Drs',
>Lawyers, Drivers, Pilots and other licenses away like some want the Ham
>licenses handed out, where would we be? Ham radio may not be all that, but
>it is what it is. Anything more stripped away from it - and it won't be
>worth having.
>
>"I" had to learn the code, it really is no big deal.
to you that is the case I spend 5 years on and never got a novice
license that I call a big deal
> Do I use it? Not much,
>but I'm still glad I learned it. It was a matter of self discipline. Hey,
>drop the code......Who am "I" to force it down anyone's throat? That isn't
>my aim or argument. Again - you're going to see the push for the rest to be
>dropped too - some just aren't satisfied. Mark my words.
duely marked but exactly who do you think is going to push for this?

personaly I will push to cponsolate down the number of classes which
will reduce the number of tests of course and since there will not be
as amny defferent set of band edges the number of question wiull
certainly drop further

but the only people claiming the written test will are those insistign
the code test should should not die

>
>Fred G.

>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

496. Re: Endfeed vertical halfvawe antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 20:47:52 UTC
From: William <billybeeper@juno.com>
Message-ID: <1160254072.901927.178490@e3g2000cwe.googlegroups.com>
Source record: 51470

Cecil Moore wrote:
> J. Kragh wrote:
> > In order to avoid reinventing the whee: Does anybody have some good links to
> > study practical realisations of the matching network?
>
> How about 1.3 meter (4.3 feet) of 450 ohm ladder-line
> as a series-section-transformer?
> --
> 73, Cecil http://www.w5dxp.com

Hey Cecil, you have a good answer.

If a coil is used, how many turns and what diameter?

497. Re: Lattin antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 20:55:13 UTC
From: JIMMIE <JIMMIEDEE123@YAHOO.COM>
Message-ID: <1160254512.981486.257400@i3g2000cwc.googlegroups.com>
Source record: 51471

62736748382 wrote:
> JIMMIE wrote:
> > I've read with interest the discussion on the Lattin antenna. I couldnt
> > help but wonder if this type of contruction could be applied to a 1/4
> > lambda vertical antenna mamde of metal tubing. I can see some
> > neighborhood assciations accepting this as an artistic flagpole design.
> > Heck my wife may even like one for 80,40 and 20 in her flower bed. Our
> > 35ft flagpole has gotten lost among the oaks, we really need something
> > more statuesque.
> >
> > Jimmie.
> >
> Parallel fed vertical will do the same job with a lot less trouble. See
> the ARRL Compendium Vol5
>
> Greg

Is this to say the Lattin is not a proven design.

498. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 21:19:27 UTC
From: james <george@washington.edu>
Message-ID: <fq5gi21t45maa818ds1eqhr5cl9veil5bb@4ax.com>
Source record: 51472
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Sat, 7 Oct 2006 16:21:28 -0400, "Fred G." <Radios@rmylife.com>
wrote:

>+++James,
>+++
>+++Rethink what I wrote. I'm not claiming the tests are "all that"........ You
>+++are right, they ARE dummied down and NO, you do NOT need an AA degree to
>+++pass the Extra. Just some diligent studying. I was merely saying NEITHER
>+++test will eliminate the crap - for starters. BUT those who "are" whining
>+++about the code - if they get their wish, will then want the written exam
>+++dropped too. In other words - FREE - uninhibited passage. IF we gave Drs',
>+++Lawyers, Drivers, Pilots and other licenses away like some want the Ham
>+++licenses handed out, where would we be? Ham radio may not be all that, but
>+++it is what it is. Anything more stripped away from it - and it won't be
>+++worth having.
>+++
>+++"I" had to learn the code, it really is no big deal. Do I use it? Not much,
>+++but I'm still glad I learned it. It was a matter of self discipline. Hey,
>+++drop the code......Who am "I" to force it down anyone's throat? That isn't
>+++my aim or argument. Again - you're going to see the push for the rest to be
>+++dropped too - some just aren't satisfied. Mark my words.
>+++
>+++Fred G.

I read your post and understood it. My beleifs is that those that will
complain about a "theory" test are those that want the license handed
to them. They don't want any kind of test. Unless the government does
that, I still hold that some form of written test is applicable.

I learned enough code and then I never touched a key again. Made two
contacts total via morse code. Never cared for it and never intend to
use it. At the time my interests were more in VHF/UHF anyways. HF was
to much like CB. He who had the biggest amp and antenna was heard.
VHF/UHF systems require more than a big amp and a big antenna.

I whined about the code requirements and still do. But I also
understand, that what ever the government determines as the standard
for obtain levels oflicensing are the rules that I ahve to play with.
As I stated I have no issues with levels of "theory". That part to me
is easier to learn.

james

499. AM Radio

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 21:53:22 UTC
From: JIMMIE <JIMMIEDEE123@YAHOO.COM>
Message-ID: <1160258002.926885.205010@e3g2000cwe.googlegroups.com>
Source record: 51473

Is DSB with carrier still used on the ham bands?. I recently dug an old transmitter I made back in 1970. The plans at the time was set up a low power AM FCC licensed radio station operating in the broadcast band. We had no idea what we were doing except we got the transmitter built. For grins and giggles I fired the thing up and it works just fine. Is anything still happening on 160m AM. I lose track of whats going on because I am in and out of radio these days. over the last few years mostly out

500. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 21:59:10 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <OqVVg.11326$UG4.2316@newsread2.news.pas.earthlink.net>
Source record: 51474
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Sal M. Onella" <salmonella@food.poisoning.org> wrote in
news:m_FVg.3639$gM1.3587@fed1read12:

>
> "Jack Ricci" <ricci@mnsi.net> wrote in message
> news:efokcn02s86@enews3.newsguy.com...
>
> < snip >
>
>> When listening to CW on my scanner, are there any tell-tale
>> indications
>> that the operator is dyslexic?
>
> Not trying to be funny: "Yeah, he's the one who isn't on the air."
>
> I have the problem and I'll never be a code op.
>
> Samples in typing: "Th enext time; a liitle while". Int he first case
> (look, there's a real one I didn't plan)
>
> Starting over: In the first case, I swapped the space and the letter
> "e." In the second one I double-lettered the "i" instaed of the "t."
> (Another real one with "instead" in the last sentence.)
>
> The problem is real and it's maddening. When somebody tells me I can
> learn code if I really apply myself, I am tempted to go back at him with
> something like, "True, and you could grow back the hair on your bald
> head if you really apply yourself." Yes, it really is like that, except
> that there's no combover for dyslexia.
>
> I have to dial the phone very carefully and I must read back phone
> numbers, as I do not translate them well among seeing, hearing, writing
> and dialing them.
>
> This seems to be a problem associated with the orderly sequencing of
> things. Otherwise, I'm pretty good at math and very good at anything
> graphical (maps, diagrams, schematics) or verbal (vocabulary, word
> games, puzzles, puns). Go figure.

You're just lazy. Lucky for you they dumbed things down so you could
slide into the Tech class.

SC

501. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 21:59:14 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <SqVVg.11328$UG4.8164@newsread2.news.pas.earthlink.net>
Source record: 51475
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

"U-Know-Who" <no-one@nowhere.com> wrote in
news:idDVg.43706$DU3.13118@tornado.texas.rr.com:

>
> "Slow Code" <my.mail@no.spam> wrote in message
> news:aACVg.5935$Y24.1936@newsread4.news.pas.earthlink.net...
>> john <john@nospam.net> wrote in
>> news:4brci2pq3dbaiirh802uig1dbqenatgtcm@4ax.com:
>>
>>> If he does have a call why is he so ashamed to give it to us?
>>> There must be a reason.
>>
>>
>> You don't need to know my callsign, all you need to know is that CW
>> makes for more skilled amateurs and that's why we need to retain the
>> requirement. CW also works a little as a filter to keep the sick, lame
>> and Lazy off HF. We need to bring back the CW requirement for Techs so
>> we can raise the intelligence level of conversations on the repeaters.
>>
>> SC
>
> Or conversely, just dumb it down to your level so that you can
> understand.

Dumbing it down to my level would still keep it out of your reach.

How's the skip on 11 meters today?

SC

502. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 21:59:15 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <TqVVg.11329$UG4.11207@newsread2.news.pas.earthlink.net>
Source record: 51376
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

james <george@washington.edu> wrote in
news:f7afi2hs7dbp1hbjpthr8lrbu9hkm7vbqe@4ax.com:

> On Fri, 6 Oct 2006 16:52:24 -0400, "Fred G." <Radios@rmylife.com>
> wrote:
>
>>+++Neither the Code NOR Theory tests will weed out the bad radio
>>operator any +++more than a driving test will weed out the DUIs - OR -
>>the Physical agility, +++legal and other exams will weed out bad cops.
>>Those tests are only tests of +++"Proficiency" in the subject matter -
>>NOT - "Mentality". Those tests won't +++stop the trash.
>>+++But those who choose to not learn code will continue to bitch about
>>why they +++shouldn't. OK, DROP the code.....Next you'll want the
>>"Theory" taken away +++too. Want to bet?
>>+++
>>+++Fred G.
> **********
>
> Fred
>
> The theory questions even the extra exam is not that difficult. A
> decent electronics tech with an AA degree can master that test. In
> fact the tests are so dummied down that just about anyone that has the
> ability read and comprehend can pass them with the minimal of
> coaching. So if you think so highly your "Theory" tests then I hate to
> burst your bubble.
>
> Why should proficiency in one means of communication hender operation
> in another? I tend to think that those that are very proficient with
> morse code tend to spend more of their time with that mode of
> communication. Why should there be a limitation on other modes that do
> not wish to use that mode? Most hams learn morse code and then forget
> it. I have no issue with showing proficiency in a means of
> communication to get priviledges. I have no issues with showing a
> proficiency with "theory" as a means of priviledges.
>
> The thing here is usage of the airwaves is a priviledge and not a
> right. So what ever the government cares to do in this avenue is fine
> with me. I will take advantage of what ever they offer me.
>
> james

You raise some good points Jim. That's why I've always proposed the following licensing changes:

1: No more automatic renewals. Individuals must retest and pass all elements required for their license class.

2: The passing score for written exams needs to be raised to 85%.

3: Code elements should be 13 wpm for General, and 20 wpm for Extra.

4: Make the no-code license one year non-renewable.

SC

503. Re: Why is copper better than steel for wire antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 22:28:25 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <rd9gi2hk2lq23srdqnmcioke1jrg5ppbfb@4ax.com>
Source record: 51377

On Sat, 07 Oct 2006 14:20:38 -0400, John Ferrell
<johnferrell@sprintmail.com> wrote:

>I have been disapointed in the mechanical strength of the Aluminum
>electric fence wire.

Aluminium is not very good material for fence wire and not usually a substitute for steel in general fencing as it lacks the strength of steel.

There are fence wires made from a steel core (typically high tensile) and an aluminium (or aluminium / ~5% zinc) coating, sometimes with a polymer coating over the top. These products are appearing as the new "longlife galvanised" fence wires. Commonly the aluminium thickness is around 30 microns, way less than skin depth at low HF, so they can be expected to perform about as well as the high tensile steel core.

There are other products with a 200 micron cladding of 60% conductivity aluminium over a high tensile core, and they look a good prospect for antenna wire, 80% RF conductivity and 10000% strength compared to the same diameter HDC. For example Gallagher XL 2.7mm diameter wire (200 micron aluminium cladding) should have the same loss as 2.3mm dia HDC, but over 10 times the Gross Breaking Strength.

To determine their likely loss as antenna wires, you need to know the coating thickness.

Owen
--

504. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 22:29:07 UTC
From: Al Klein <rukbat@pern.invalid>
Message-ID: <g5agi2lukfvlaq21aqhd9b5pr4mddca6m2@4ax.com>
Source record: 51378
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Fri, 6 Oct 2006 21:24:49 -0700, "Sal M. Onella"
<salmonella@food.poisoning.org> wrote:

>
>"Jack Ricci" <ricci@mnsi.net> wrote in message
>news:efokcn02s86@enews3.newsguy.com...
>
>< snip >
>
>> When listening to CW on my scanner, are there any tell-tale indications
>> that the operator is dyslexic?
>
>Not trying to be funny: "Yeah, he's the one who isn't on the air."
>
>I have the problem and I'll never be a code op.
>
>Samples in typing: "Th enext time; a liitle while". Int he first case
>(look, there's a real one I didn't plan)

That's not dyslexia - it's your fingers and your brain not working
together. "The exnt itme" looking right to you would be dyslexia.

>The problem is real and it's maddening. When somebody tells me I can learn
>code if I really apply myself, I am tempted to go back at him with something
>like, "True, and you could grow back the hair on your bald head if you
>really apply yourself." Yes, it really is like that, except that there's no
>combover for dyslexia.

Except that I type like that too sometimes (and I'm not dyslexic),
which is why, even with a spell checker I reread my posts before
posting them. And I can still copy CW at somewhere between 15 and 20,
although I haven't sat down to copy any long transmissions in over 20
years - but I used to rag chew at 40+.

There's a difference between a keyboard and a key or bug. (Never
could get the hang of paddles.)

>This seems to be a problem associated with the orderly sequencing of things.
>Otherwise, I'm pretty good at math and very good at anything graphical
>(maps, diagrams, schematics) or verbal (vocabulary, word games, puzzles,
>puns). Go figure.

Since CW is more a verbal skill than a written skill, dyslexia
shouldn't affect it much (although I don't know of any studies done on
the subject - it's just a seat-of-the-pants guess).

505. Re: Problem with off topic postings in antenna newsgroup

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 22:29:46 UTC
From: William <billybeeper@juno.com>
Message-ID: <1160260186.358502.106570@i3g2000cwc.googlegroups.com>
Source record: 51379
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

```
Slow Code wrote:
> Cecil Moore <mycall@hotmail.com> wrote in
> news:kPgVg.7753$TV3.3532@newssvr21.news.prodigy.com:
>
> > Slow Code wrote:
> >> Do you have a spare tire in your car in case you get a flat tire? Ham
> >> radio without a CW requirement is like driving your car around without
> >> a spare tire.
> >
> > I drive my Harley around all the time without a spare tire.
> > I don't wear a seat belt either. What's wrong with that?
>
>
> Cecil, you've been like that since day one. I knew years ago arguing with
> you that you'd never change, I don't know why I still argue.

I don't know why you bother.

> You like CW,
> but when anyone has ever made an arguement for keeping the code
> requirement you tease them.

The Code TEST requirement....

> SC

Slow, you're not only slow in code...
```

506. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 22:40:21 UTC
From: William <billybeeper@juno.com>
Message-ID: <1160260821.231155.189750@m7g2000cwm.googlegroups.com>
Source record: 51380
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

Mark@kb9rqz.net wrote:
> On 7 Oct 2006 13:25:08 -0700, "William" <billybeeper@juno.com> wrote:
>
> >
> >Slow Code wrote:
> >
> >> If we raise the CW speed to 20 WPM for all classes...
> >
> >Slow, that's all well and good, but how do we get rid of you and your
> >cross-posting to RRAA?

> sadly the only I know I know is ilegeal and a bit extreme . it is
> called homocide

He could do the honorable thing and drive himself into the river on his
way home from work. It'll look like an accident, and his familly will
get to collect the insurance.

507. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 23:25:33 UTC
From: james <george@washington.edu>
Message-ID: <o6dgi258e9r779ne18ah64ne5c5u00b699@4ax.com>
Source record: 51381
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Sat, 07 Oct 2006 21:59:15 GMT, Slow Code <my.mail@no.spam> wrote:

>+++james <george@washington.edu> wrote in
>+++news:f7afi2hs7dbp1hbjpthr8lrbu9hkm7vbqe@4ax.com:
>+++
>+++> On Fri, 6 Oct 2006 16:52:24 -0400, "Fred G." <Radios@rmylife.com>
>+++> wrote:
>+++>
>+++>>+++Neither the Code NOR Theory tests will weed out the bad radio
>+++>>operator any +++more than a driving test will weed out the DUIs - OR -
>+++>>the Physical agility, +++legal and other exams will weed out bad cops.
>+++>>Those tests are only tests of +++"Proficiency" in the subject matter -
>+++>>NOT - "Mentality". Those tests won't +++stop the trash.
>+++>>+++But those who choose to not learn code will continue to bitch about
>+++>>why they +++shouldn't. OK, DROP the code........Next you'll want the
>+++>>"Theory" taken away +++too. Want to bet?
>+++>>+++
>+++>>+++Fred G.
>+++> ********************
>+++>
>+++> Fred
>+++>
>+++> The theory questions even the extra exam is not that difficult. A
>+++> decent electronics tech with an AA degree can master that test. In
>+++> fact the tests are so dummied down that just about anyone that has the
>+++> ability read and comprehend can pass them with the minimal of
>+++> coaching. So if you think so highly your "Theory" tests then I hate to
>+++> burst your bubble.
>+++>
>+++> Why should proficiency in one means of communication hender operation
>+++> in another? I tend to think that those that are very proficient with
>+++> morse code tend to spend more of their time with that mode of
>+++> communication. Why should there be a limitation on other modes that do
>+++> not wish to use that mode? Most hams learn morse code and then forget
>+++> it. I have no issue with showing proficiency in a means of
>+++> communication to get priviledges. I have no issues with showing a
>+++> proficiency with "theory" as a means of priviledges.
>+++>
>+++> The thing here is usage of the airwaves is a priviledge and not a
>+++> right. So what ever the government cares to do in this avenue is fine
>+++> with me. I will take advantage of what ever they offer me.

>+++>
>+++> james
>+++
>+++
>+++You raise some good points Jim. That's why I've always proposed the
>+++following licensing changes:
>+++
>+++
>+++1: No more automatic renewals. Individuals must retest and
>+++ pass all elements required for their license class.
>+++
****

Why retest knowledge? Not necessary unless your intention is to reduce the ranks of the amatuer radio service. Few if any government priviledges require constant retesting for renewal. Your thinking is not logical.Besides it increases the government and costs. The government would then be forced to charge for licensing.

>+++2: The passing score for written exams needs to be raised to 85%.
>+++
****

Again 70% is sufficient. Raising to the limit you suggest is more a weed out than anything else.

>+++3: Code elements should be 13 wpm for General, and 20 wpm for Extra.
>+++
****

The ITU no longer requires CW for any of its commercial services. Why do you stillinsist on such high levels. Again your motive appears to be more selective as to who may be granted a license.

>+++4: Make the no-code license one year non-renewable.

Why? when this class already has very strong restrictive priviledges. This would not be the incentive to upgrade to a higher license. Some maybe satisfied with the priviledges of this class and making it a one year nonrenewable will not be the incentice to an upgrade path. Instead it will be another step in restricting any growth in the amature radiio service. Then again if you prefer dwindling numbers, go ahead. Radio and its associated costs can not compete with the internet. If I want to talk to some one in Australia it is now far easier to use IRC or other messaging programs in conjuction with the internet. If you intend to further restrict the amature service to nothing more than a "good ole boys club", then you yourself have become the problem.

james

508. MFJ-259B failure - Diodes?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 23:27:01 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1160263620.855731.40350@e3g2000cwe.googlegroups.com>
Source record: 51382

My MFJ-259B has decided that a 100pF capacitor is a 600 ohm resistive load at 2MHz, and really seems to be having problems with capacitative reactances. Inductive reactances and pure resistances are a little better, but something is distinctly wrong. Pure capacitances are showing up with large resistive components across much of the frequency range of the unit.

W8JI's calibration site suggests detector diode failure as a common cause for sudden problems, but I wonder if anyone else has had this happen? Is it likely the diodes?

Also, if I do need to replace diodes, where can I get some HSMS 2829 Schottky Detector diodes (I think these are the ones?) without having to order 100 of them from Newark? I've looked through Digikey, Allied, Newark, Mouser, Jameco... doesn't look good.

This thing is long out of warranty, it seems like MFJ service times are in the month+ range at least, and i've got access to a temp controlled soldering station and I'm not scared to swap surface mount stuff. Then again, if I can't get the diodes or can't get them in less than a month, I should probably just send it back to MFJ and pay their repair fee; they've at least got the diodes.

Any comments or suggestions on what I should do? I'd rather not be without it for an extended period.

Dan

509. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 23:48:33 UTC
From: Mark@kb9rqz.net
Message-ID: <16fgi2hlktu5a1uk5k3btvfqq8qck7f17l@4ax.com>
Source record: 51383
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sat, 07 Oct 2006 18:29:07 -0400, Al Klein <rukbat@pern.invalid>
wrote:

>On Fri, 6 Oct 2006 21:24:49 -0700, "Sal M. Onella"
><salmonella@food.poisoning.org> wrote:
>
>>
>>"Jack Ricci" <ricci@mnsi.net> wrote in message
>>news:efokcn02s86@enews3.newsguy.com...
>>
>>>< snip >
>>
>>> When listening to CW on my scanner, are there any tell-tale indications
>>> that the operator is dyslexic?
>>
>>Not trying to be funny: "Yeah, he's the one who isn't on the air."
>>
>>I have the problem and I'll never be a code op.
>>
>>Samples in typing: "Th enext time; a liitle while". Int he first case
>>(look, there's a real one I didn't plan)
>
>That's not dyslexia - it's your fingers and your brain not working
>together. "The exnt itme" looking right to you would be dyslexia.
where did you get your medical degree Klien
>
>>The problem is real and it's maddening. When somebody tells me I can learn
>>code if I really apply myself, I am tempted to go back at him with something
>>like, "True, and you could grow back the hair on your bald head if you
>>really apply yourself." Yes, it really is like that, except that there's no
>>combover for dyslexia.
>
>Except that I type like that too sometimes (and I'm not dyslexic),
>which is why, even with a spell checker I reread my posts before
>posting them. And I can still copy CW at somewhere between 15 and 20,
>although I haven't sat down to copy any long transmissions in over 20
>years - but I used to rag chew at 40+.
>
>There's a difference between a keyboard and a key or bug. (Never
>could get the hang of paddles.)
>
>>This seems to be a problem associated with the orderly sequencing of things.
>>Otherwise, I'm pretty good at math and very good at anything graphical

>>(maps, diagrams, schematics) or verbal (vocabulary, word games, puzzles,
>>puns). Go figure.
>
>Since CW is more a verbal skill than a written skill, dyslexia
>shouldn't affect it much (although I don't know of any studies done on
>the subject - it's just a seat-of-the-pants guess).
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

510. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 23:48:59 UTC
From: Mark@kb9rqz.net
Message-ID: <s6fgi2pi3ar0lsdb7kr06u3g6acnphfgo8@4ax.com>
Source record: 51384
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Sat, 07 Oct 2006 21:59:14 GMT, Slow Code <my.mail@no.spam> wrote:

>"U-Know-Who" <no-one@nowhere.com> wrote in
>news:idDVg.43706$DU3.13118@tornado.texas.rr.com:
>
>>
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:aACVg.5935$Y24.1936@newsread4.news.pas.earthlink.net...
>>> john <john@nospam.net> wrote in
>>> news:4brci2pq3dbaiirh802uig1dbqenatgtcm@4ax.com:
>>>
>>>> If he does have a call why is he so ashamed to give it to us?
>>>> There must be a reason.
>>>
>>>
>>> You don't need to know my callsign, all you need to know is that CW
>>> makes for more skilled amateurs and that's why we need to retain the
>>> requirement. CW also works a little as a filter to keep the sick, lame
>>> and Lazy off HF. We need to bring back the CW requirement for Techs so
>>> we can raise the intelligence level of conversations on the repeaters.
>>>
>>> SC
>>
>> Or conversely, just dumb it down to your level so that you can
>> understand.
>
>
>Dumbing it down to my level would still keep it out of your reach.
fuuny I could reach down to your level
>
>How's the skip on 11 meters today?
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

511. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 23:49:38 UTC
From: Mark@kb9rqz.net
Message-ID: <38fgi2he9i589o9g5jds5mrj0d5v7f4rvp@4ax.com>
Source record: 51385
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

On 7 Oct 2006 15:40:21 -0700, "William" <billybeeper@juno.com> wrote:

>
>Mark@kb9rqz.net wrote:
>> On 7 Oct 2006 13:25:08 -0700, "William" <billybeeper@juno.com> wrote:
>>
>> >
>> >Slow Code wrote:
>> >
>> >> If we raise the CW speed to 20 WPM for all classes...
>> >
>> >Slow, that's all well and good, but how do we get rid of you and your
>> >cross-posting to RRAA?
>
>> sadly the only I know I know is ilegeal and a bit extreme . it is
>> called homocide
>
>He could do the honorable thing and drive himself into the river on his
>way home from work. It'll look like an accident, and his familly will
>get to collect the insurance.
aman could do that Slow Code can't
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

512. Re: MFJ-259B failure - Diodes?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-07 23:58:00 UTC
From: 62736748382 <12346@net.net>
Message-ID: <45283f09_1@news.iprimus.com.au>
Source record: 51386

n3ox.dan@gmail.com wrote:
> My MFJ-259B has decided that a 100pF capacitor is a 600 ohm resistive
> load at 2MHz, and really seems to be having problems with capacitative
> reactances. Inductive reactances and pure resistances are a little
> better, but something is distinctly wrong. Pure capacitances are
> showing up with large resistive components across much of the frequency
> range of the unit.
>
> W8JI's calibration site suggests detector diode failure as a common
> cause for sudden problems, but I wonder if anyone else has had this
> happen? Is it likely the diodes?
>
> Also, if I do need to replace diodes, where can I get some HSMS 2829
> Schottky Detector diodes (I think these are the ones?) without having
> to order 100 of them from Newark? I've looked through Digikey, Allied,
> Newark, Mouser, Jameco... doesn't look good.
>
> This thing is long out of warranty, it seems like MFJ service times are
> in the month+ range at least, and i've got access to a temp controlled
> soldering station and I'm not scared to swap surface mount stuff. Then
> again, if I can't get the diodes or can't get them in less than a
> month, I should probably just send it back to MFJ and pay their repair
> fee; they've at least got the diodes.
>
> Any comments or suggestions on what I should do? I'd rather not be
> without it for an extended period.
>
> Dan
>
Farnels has these diodes, they a off the shelf item.

Yeah those little detector diodes are impressive however they very
sensitive. I am surprised nobody has modified there analyzer with 1n23
1n119 top hat packaged diodes. The only advantage of the diodes used is
that the package is cheap! No surprises for MFJ. Macom has the biggest
selection of ceramic packaged detector diodes. They can withstand
static and overload pulses from electronic warfare emitters. Most
electronic warfare receivers which are homodyne or zero if use a
parallel pair of diodes to protect the detector diode. These diodes
typically operate -55 dbm Tss. i dont know if the MFJ uses a forward
bias of a few microamps to increase sensitivity. They also make zero
bias detector diodes which are just as sensitive as biased diodes. macom
have an excelllent range

I would think any detector diode would work, Macom have an exact replacement for the HP unit with much better specs. Only problems is getting parts from them. Since Tyco has just about bought up the whole electronic industry everything is special order with lead times of 6 months.

Super High Frequency Parts company, if his still around may be able to get them for you. He carries all the microwave parts for hams.

Greg

513. Re: AM Radio

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 00:01:35 UTC
From: Dave <noone@nowhere.com>
Message-ID: <6pmdnURHZZxzorXYnZ2dnUVZ_vednZ2d@crocker.com>
Source record: 51387

yes, look somewhere around 1880-1890 or so for some AM activity on 160m.

"JIMMIE" <JIMMIEDEE123@YAHOO.COM> wrote in message
news:1160258002.926885.205010@e3g2000cwe.googlegroups.com...
> Is DSB with carrier still used on the ham bands?. I recently dug an old
> transmitter I made back in 1970. The plans at the time was set up a low
> power AM FCC licensed radio station operating in the broadcast band. We
> had no idea what we were doing except we got the transmitter built. For
> grins and giggles I fired the thing up and it works just fine. Is
> anything still happening on 160m AM. I lose track of whats going on
> because I am in and out of radio these days. over the last few years
> mostly out
>

514. Re: MFJ-259B failure - Diodes?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 01:10:17 UTC
From: sailtamarack@yahoo.ca
Message-ID: <1160269817.572333.321190@m7g2000cwm.googlegroups.com>
Source record: 51388

Dan,

My MFJ-259B had a diode failure due to static and had to be returned for repair. There is a simple test that you can do. It is based on the W8JI alignment procedure but does not require that you open the unit. Here is the procedure:

1. Get the MFJ into test mode using the procedure described by W8JI (http://www.w8ji.com/mfj-259b_calibration.htm)

2. Use the mode button to step to the R-S-Z display. Set frequency to 10 mHz. With nothing attached to the SO-239 you should see R around 230 to 250, S close to 0, and Z=255 or a bit less. S and Z need to sum up to less than 255 no matter what resistance is across the input. You will be off a little bit if alignment is required but you will be way off if one of the diodes is shot.

3. Short the SO-239. R should stay the same but S=255 and Z=0. Note S & Z sum up to 255. If your diodes are shot you will be way off as mentioned above.

If you go to the trouble of replacing the diodes you might want to put in a matched set of 50 ohm resistors in the bridge (R21,R22 & R24) in order to get better alignment. Check the diodes for a match in characteristics as well.

You have the wrong part number for the diodes. They are HSMS-2820 and are in stock at avnet, newark and arrow (http://www.arrownac.com) as part hsms-2820-BLKG for 34 cents each - no minimum. You might be able to talk Avantgo into sending you some as samples. You could always try registering on their website for samples or you could call and speak to one of their application engineers.

Hope this helps. Good luck - Roger

n3ox.dan@gmail.com wrote:
> My MFJ-259B has decided that a 100pF capacitor is a 600 ohm resistive
> load at 2MHz, and really seems to be having problems with capacitative
> reactances. Inductive reactances and pure resistances are a little
> better, but something is distinctly wrong. Pure capacitances are
> showing up with large resistive components across much of the frequency
> range of the unit.
>
> W8JI's calibration site suggests detector diode failure as a common
> cause for sudden problems, but I wonder if anyone else has had this
> happen? Is it likely the diodes?
>

> Also, if I do need to replace diodes, where can I get some HSMS 2829
> Schottky Detector diodes (I think these are the ones?) without having
> to order 100 of them from Newark? I've looked through Digikey, Allied,
> Newark, Mouser, Jameco... doesn't look good.
>
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> in the month+ range at least, and i've got access to a temp controlled
> soldering station and I'm not scared to swap surface mount stuff. Then
> again, if I can't get the diodes or can't get them in less than a
> month, I should probably just send it back to MFJ and pay their repair
> fee; they've at least got the diodes.
>
> Any comments or suggestions on what I should do? I'd rather not be
> without it for an extended period.
>
> Dan

515. Re: MFJ-259B failure - Diodes?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 02:12:52 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1160273572.399173.216300@k70g2000cwa.googlegroups.com>
Source record: 51389

At 10MHz, I get the following:

Open: R 255 S 003 Z 248

Shorted: R 232 S 255 Z 001

Decent 50 ohm termination: R 001 S 127/128 Z 121

At 3 MHz my 100pF +/- 10% capacitor reads164-j530 ohms on the Impedance display ... it seems to get X right... Furthermore, setting the meter to capacitance makes it read about 108pF... but there's this big resistive component.

In the test menu, this cap reads R 255 S 023 Z 247 at 3 MHz

So maybe I just need an alignment... I suppose it wouldn't hurt to try it if I can scare up some precision terminations.

I wouldn't consider these numbers "way off" ... this reading of resistance at low frequencies had got me worried that something was way wrong, but will an alignment fix this? I guess I can check through the W8JI alignment procedure with the proper loads before I start twiddling things.

Dan

516. Re: MFJ-259B failure - Diodes?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 03:45:54 UTC
From: sailtamarack@yahoo.ca
Message-ID: <1160279154.174118.119690@b28g2000cwb.googlegroups.com>
Source record: 51390

Dan,

I repeated your test with the 50 ohm load at 10 mHz and got R 006 S 127 Z 126 which is pretty close.

With a 75 ohm termination reading is R50 S102 Z152
With a 200 ohm termination reading is R147 S50 Z204

With a 100 pf cap at 10 mHz I read R = 0 X=145 109 pf and R245 S083 Z242

With a 100 pf cap at 3 mHz I read R = 0 X=554 95 pf and R246 S023 Z255

Here are some things to check:

1. Try 75 and 200 resistors and see if you get readings close to mine. If you do your diodes are probably OK but you need an alignment.

2. Use the 100 pf cap and starting from 3 Mhz start increasing the frequency. Does it read R=0 some of the time - most of the time?? Try another type/size of cap.

3. Attach about 20 feet of coax to the unit and put a 75 ohm resistor at the other end. Your SWR should be about 1.4 to 1.5 depending on coax type/length. Start at 2 mHz. and start increasing the frequency to 30 mHz. The SWR should gradually get lower as you increase frequency due to cable loss. However it will go up and down a bit (+/- .1) at certain frequencies due to alignment and instrument error. R & X should change in a smooth fashion as you change frequency (the cable is an impedance transformer)

If you attempt alignment here are some tips.

1. Follow the procedure at W8JIs site - not MFJ. Tom was the designer and his site has the latest info.

2. Use precision resistors placed deep into the connectors and short leads for minimum inductance. I used metal film 1% and picked the best ones with an accurate ohm meter.

3. Use a stable power supply to power the unit. If you try to use batteries alone you will find the voltage dropping with time and you will not get consistent results.

4. Be prepared to repeat the process several times in order to get the best results.

5. It will never be perfect. The 259-b is an 8 bit implementation,
the bridge has inherent inbalance due to resistor/diode characteristics
and the log buffer does not match the diode characteristics perfectly.
This isn't a VNA but it is a useful low-cost instrument.

Hope you keep us updated. I am interested in your results.
Roger

n3ox.dan@gmail.com wrote:
> At 10MHz, I get the following:
>
> Open: R 255 S 003 Z 248
>
> Shorted: R 232 S 255 Z 001
>
> Decent 50 ohm termination: R 001 S 127/128 Z 121
>
> At 3 MHz my 100pF +/- 10% capacitor reads164-j530 ohms on the Impedance
> display ... it seems to get X right... Furthermore, setting the meter
> to capacitance makes it read about 108pF... but there's this big
> resistive component.
>
> In the test menu, this cap reads R 255 S 023 Z 247 at 3 MHz
>
> So maybe I just need an alignment... I suppose it wouldn't hurt to try
> it if I can scare up some precision terminations.
>
> I wouldn't consider these numbers "way off" ... this reading of
> resistance at low frequencies had got me worried that something was way
> wrong, but will an alignment fix this? I guess I can check through
> the W8JI alignment procedure with the proper loads before I start
> twiddling things.
>
> Dan

517. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 03:53:42 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <aD_Vg.16385$5o5.28@tornado.texas.rr.com>
Source record: 51391
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

"Slow Code" <my.mail@no.spam> wrote in message
news:TqVVg.11329$UG4.11207@newsread2.news.pas.earthlink.net...
> james <george@washington.edu> wrote in
> news:f7afi2hs7dbp1hbjpthr8lrbu9hkm7vbqe@4ax.com:
>
>> On Fri, 6 Oct 2006 16:52:24 -0400, "Fred G." <Radios@rmylife.com>
>> wrote:
>>
>>>>+++Neither the Code NOR Theory tests will weed out the bad radio
>>>operator any +++more than a driving test will weed out the DUIs - OR -
>>>the Physical agility, +++legal and other exams will weed out bad cops.
>>>Those tests are only tests of +++"Proficiency" in the subject matter -
>>>NOT - "Mentality". Those tests won't +++stop the trash.
>>>>+++But those who choose to not learn code will continue to bitch about
>>>why they +++shouldn't. OK, DROP the code.....Next you'll want the
>>>"Theory" taken away +++too. Want to bet?
>>>>+++
>>>>+++Fred G.
>> **********
>>
>> Fred
>>
>> The theory questions even the extra exam is not that difficult. A
>> decent electronics tech with an AA degree can master that test. In
>> fact the tests are so dummied down that just about anyone that has the
>> ability read and comprehend can pass them with the minimal of
>> coaching. So if you think so highly your "Theory" tests then I hate to
>> burst your bubble.
>>
>> Why should proficiency in one means of communication hender operation
>> in another? I tend to think that those that are very proficient with
>> morse code tend to spend more of their time with that mode of
>> communication. Why should there be a limitation on other modes that do
>> not wish to use that mode? Most hams learn morse code and then forget
>> it. I have no issue with showing proficiency in a means of
>> communication to get priviledges. I have no issues with showing a
>> proficiency with "theory" as a means of priviledges.
>>
>> The thing here is usage of the airwaves is a priviledge and not a
>> right. So what ever the government cares to do in this avenue is fine
>> with me. I will take advantage of what ever they offer me.

>>
>> james
>
>
> You raise some good points Jim. That's why I've always proposed the
> following licensing changes:
>
>
> 1: No more automatic renewals. Individuals must retest and
> pass all elements required for their license class.
>
> 2: The passing score for written exams needs to be raised to 85%.
>
> 3: Code elements should be 13 wpm for General, and 20 wpm for Extra.
>
> 4: Make the no-code license one year non-renewable.
>
>
>
> SC

Fuck the code only shit. Why should that be the only element? Why not make all amateurs retest in ALL modes, at all frequencies, et al. And what the hell, while we're at it, let's just go ahead and make it yearly. Don't let the old geezers off so easily. When a new mode is adopted, or allowed, make those bastards show proficiency there as well. That should just about do the ARS in. Why should you have it your way, SC?

518. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 04:01:48 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <MK_Vg.16473$5o5.16030@tornado.texas.rr.com>
Source record: 51392
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

```
"james" <george@washington.edu> wrote in message
news:o6dgi258e9r779ne18ah64ne5c5u00b699@4ax.com...
> On Sat, 07 Oct 2006 21:59:15 GMT, Slow Code <my.mail@no.spam> wrote:
>
>>+++james <george@washington.edu> wrote in
>>+++news:f7afi2hs7dbp1hbjpthr8lrbu9hkm7vbqe@4ax.com:
>>+++
>>+++> On Fri, 6 Oct 2006 16:52:24 -0400, "Fred G." <Radios@rmylife.com>
>>+++> wrote:
>>+++>
>>+++>>+++Neither the Code NOR Theory tests will weed out the bad radio
>>+++>>operator any +++more than a driving test will weed out the DUIs -
>>OR -
>>+++>>the Physical agility, +++legal and other exams will weed out bad
>>cops.
>>+++>>Those tests are only tests of +++"Proficiency" in the subject
>>matter -
>>+++>>NOT - "Mentality". Those tests won't +++stop the trash.
>>+++>>+++But those who choose to not learn code will continue to bitch
>>about
>>+++>>why they +++shouldn't. OK, DROP the code........Next you'll want the
>>+++>>"Theory" taken away +++too. Want to bet?
>>+++>>+++
>>+++>>+++Fred G.
>>+++> ********************
>>+++>
>>+++> Fred
>>+++>
>>+++> The theory questions even the extra exam is not that difficult. A
>>+++> decent electronics tech with an AA degree can master that test. In
>>+++> fact the tests are so dummied down that just about anyone that has
>>the
>>+++> ability read and comprehend can pass them with the minimal of
>>+++> coaching. So if you think so highly your "Theory" tests then I hate
>>to
>>+++> burst your bubble.
>>+++>
>>+++> Why should proficiency in one means of communication hender operation
>>+++> in another? I tend to think that those that are very proficient with
>>+++> morse code tend to spend more of their time with that mode of
>>+++> communication. Why should there be a limitation on other modes that
```

>>do
>>+++> not wish to use that mode? Most hams learn morse code and then forget
>>+++> it. I have no issue with showing proficiency in a means of
>>+++> communication to get priviledges. I have no issues with showing a
>>+++> proficiency with "theory" as a means of priviledges.
>>+++>
>>+++> The thing here is usage of the airwaves is a priviledge and not a
>>+++> right. So what ever the government cares to do in this avenue is fine
>>+++> with me. I will take advantage of what ever they offer me.
>>+++>
>>+++> james
>>+++
>>+++
>>+++You raise some good points Jim. That's why I've always proposed the
>>+++following licensing changes:
>>+++
>>+++
>>+++1: No more automatic renewals. Individuals must retest and
>>+++ pass all elements required for their license class.
>>+++
> **********
>
> Why retest knowledge? Not necessary unless your intention is to reduce
> the ranks of the amatuer radio service. Few if any government
> priviledges require constant retesting for renewal. Your thinking is
> not logical.Besides it increases the government and costs. The
> government would then be forced to charge for licensing.
>
>>+++2: The passing score for written exams needs to be raised to 85%.
>>+++
> **********
>
> Again 70% is sufficient. Raising to the limit you suggest is more a
> weed out than anything else.
>
>>+++3: Code elements should be 13 wpm for General, and 20 wpm for Extra.
>>+++
> **********
>
> The ITU no longer requires CW for any of its commercial services. Why
> do you stillinsist on such high levels. Again your motive appears to
> be more selective as to who may be granted a license.
>
>
>>+++4: Make the no-code license one year non-renewable.
>
> Why? when this class already has very strong restrictive priviledges.
> This would not be the incentive to upgrade to a higher license. Some
> maybe satisfied with the priviledges of this class and making it a one
> year nonrenewable will not be the incentice to an upgrade path.

> Instead it will be another step in restricting any growth in the
> amature radiio service. Then again if you prefer dwindling numbers,
> go ahead. Radio and its associated costs can not compete with the
> internet. If I want to talk to some one in Australia it is now far
> easier to use IRC or other messaging programs in conjuction with the
> internet. If you intend to further restrict the amature service to
> nothing more than a "good ole boys club", then you yourself have
> become the problem.
>
> james

Well said. SC and his ilk are what is wrong with the ARS today. But hell, who knows when I will need morse to facilitate my rescue from a capsized cruise ship in the Gulf of Mexico. I will be the one! No one will know there are really people inside the ship, unless of course, I pound the hammer I had with me on the inside of the hull. And to boot, the Coast Guard no longer teaches morse, so hopefully SC will be there to copy.

BWAAAAAAAAAAAAHAHAHAHAHAHAHAHA!!!

519. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 04:24:32 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <44%Vg.3705$gM1.117@fed1read12>
Source record: 51393
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Al Klein" <rukbat@pern.invalid> wrote in message
news:g5agi2lukfvlaq21aqhd9b5pr4mddca6m2@4ax.com...

< SNIP >

> That's not dyslexia - it's your fingers and your brain not working
> together.

I don't hear/perceive/recognize/distinguish/discriminate the dits and dahs
correctly. I can learn that dit-dah-dah-dit is G (or whatever it is -- I am
not sure and I am certainly far, far beyond caring) and five seconds later
not be able to distinguish it from dah-dit-dit-dah.

What's the fix for it?

520. Re: MFJ-259B failure - Diodes?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 04:39:57 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1160282397.269560.303200@h48g2000cwc.googlegroups.com>
Source record: 51394

200 (197 on my DVM) ohm termination:

R 155 S 051 Z 197

75 (74.5 on my DVM) ohm termination

R 047 S102 Z 146

With the cap sweep, with two different caps (a 100pF doorknob and a 30pF air variable trimmer), R is almost never zero until I get up into the 60MHz+ range and even then, rarely.

With the coax check, the SWR oscillation amplitude is about 0.2 or so; 1.1-1.3. R and X vary smoothly and more or less cyclically.. I guess the oscillatory SWR variation with frequency is incorrect... I do get more than you mentioned and more than one might expect... i've got about 40 feet of RG-55U terminated in the 74.5 ohm termination that I used above.

- - - - - -

>From what you've said, it seems like alignment time. I guess the large resistive component on capacitors at low frequency is a numerical artifact of a slight misalignment... because the R S Z menu values are really fairly close to yours. I'll build or find some precise SMT terminations and go at it. Thanks much for your help and I'll post after I do the alignment.

73,
Dan

521. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 05:41:51 UTC
From: Billy <CB@anon>
Message-ID: <c6l1a.5n4.17.1@news.alt.net>
Source record: 51395
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Sal M. Onella" <salmonella@food.poisoning.org> wrote in message
news:44%Vg.3705$gM1.117@fed1read12...

"Al Klein" <rukbat@pern.invalid> wrote in message
news:g5agi2lukfvlaq21aqhd9b5pr4mddca6m2@4ax.com...

< SNIP >

> That's not dyslexia - it's your fingers and your brain not working
> together.

I don't hear/perceive/recognize/distinguish/discriminate the dits and dahs
correctly. I can learn that dit-dah-dah-dit is G (or whatever it is -- I am
not sure and I am certainly far, far beyond caring) and five seconds later
not be able to distinguish it from dah-dit-dit-dah.

What's the fix for it?

Don't sell your CB.

522. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 07:18:32 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1160291912.797658.82870@h48g2000cwc.googlegroups.com>
Source record: 51396
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Sal M. Onella wrote:
> "Al Klein" <rukbat@pern.invalid> wrote in message
> news:g5agi2lukfvlaq21aqhd9b5pr4mddca6m2@4ax.com...
>
> < SNIP >
>
> > That's not dyslexia - it's your fingers and your brain not working
> > together.
>
> I don't hear/perceive/recognize/distinguish/discriminate the dits and dahs
> correctly. I can learn that dit-dah-dah-dit is G (or whatever it is -- I am
> not sure and I am certainly far, far beyond caring) and five seconds later
> not be able to distinguish it from dah-dit-dit-dah.
>
> What's the fix for it?

well ADA says you and I should be allowed to take an acodated test with
US choosing whatever accomodation we choose persnaly Id choose a code
reader and would of course oviate the test all together. fairer still
is stop dumbing down everyone in the service with test that greatest
physists of the last century could not pass if they wanted to ham I
refer to Einstain Hawkings and Dirac

523. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 08:58:05 UTC
From: Billy <Anon@anon.com>
Message-ID: <c70h8.9n4.19.1@news.alt.net>
Source record: 51397
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"an_old_friend" <konstans@hotmail.com> wrote in message
news:1160291912.797658.82870@h48g2000cwc.googlegroups.com...

Sal M. Onella wrote:
> "Al Klein" <rukbat@pern.invalid> wrote in message
> news:g5agi2lukfvlaq21aqhd9b5pr4mddca6m2@4ax.com...
>
> < SNIP >
>
> > That's not dyslexia - it's your fingers and your brain not working
> > together.
>
> I don't hear/perceive/recognize/distinguish/discriminate the dits and dahs
> correctly. I can learn that dit-dah-dah-dit is G (or whatever it is -- I
am
> not sure and I am certainly far, far beyond caring) and five seconds later
> not be able to distinguish it from dah-dit-dit-dah.
>
> What's the fix for it?

well ADA says you and I should be allowed to take an acodated test with
US choosing whatever accomodation we choose persnaly Id choose a code
reader and would of course oviate the test all together. fairer still
is stop dumbing down everyone in the service with test that greatest
physists of the last century could not pass if they wanted to ham I
refer to Einstain Hawkings and Dirac
.
The ADA says? So what? I suppose that you will next enlist their aid in
getting the 5wpm requirement dropped so you can move on to HF. Heck, that
way you can be a Zero wpm General.
And if Steve Hawkings ever tried to apply for, and failed, a Ham license,
please tell us when.

Don't get rid of your CB, Mark.

524. Re: MFJ-259B failure - Diodes?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 13:47:04 UTC
From: Tam/WB2TT <t-tammaru@c0mca$t.net>
Message-ID: <XIWdncr36-XKnLTYnZ2dnUVZ_rOdnZ2d@comcast.com>
Source record: 51398

<n3ox.dan@gmail.com> wrote in message
news:1160263620.855731.40350@e3g2000cwe.googlegroups.com...
.....
> Also, if I do need to replace diodes, where can I get some HSMS 2829
> Schottky Detector diodes (I think these are the ones?) without having
> to order 100 of them from Newark? I've looked through Digikey, Allied,
> Newark, Mouser, Jameco... doesn't look good.
> .....

MFJ sells replacement parts. You should be able to get some from them.

Tam/WB2TT

525. Re: Attic Antennas and Foil Backed Barriers

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 13:54:55 UTC
From: David Rowell <djrpublic@cfl.rr.com>
Message-ID: <Pq7Wg.3975$fe2.63@tornado.tampabay.rr.com>
Source record: 51399

For what it's worth - I can fully quiet a repeater roughly 18 miles from my home, having radiant heat barrier, with my 2 M HT at 5 watts but not 2 W - a local repeater around 7 miles away with 1.5 W but not 1/2 watt. Kenwood TH-K2AT with Diamond SRH77CA antenna (18") in place of the rubber ducky. Oh yes, those are with the aluminum storm panels in place on the windows too.

I guess it won't hurt us to try it with HF will it?

Thanks for asking the question, I've been meaning to.

526. when steve andw oger goneit is queit as church

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 15:20:59 UTC
From: Mark@kb9rqz.net
Message-ID: <754gi2tmfvtrol99pqfj3j4ufigl9htkj9@4ax.com>
Source record: 51400
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

Now evryone cans ee who are the rael bad guys.
http://kb9rqz.blogspot.com/

527. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 15:21:19 UTC
From: Cecil Moore <w5dxp@hotmail.com>
Message-ID: <1160320879.521669.157600@m73g2000cwd.googlegroups.com>
Source record: 51401

Jim Kelley wrote:> As far as I know, there has never been any dispute over which
> direction the energy goes. The problem has always been with your
> overly imaginative explanation for how it gets there.

I'm just quoting "Optics", by Hecht for how it gets there. Hecht's irradiance equation tells the whole story. Total Irradiance = I1 + I2 + 2*SQRT(I1*I2)cos(A) where A is the angle between the I1 and I2 electric fields. The last term is the interference term. If it is positive, the interference is constructive. If it is negative, the interference is destructive. If it is zero, the signals are orthogonal to each other and no exchange of energy takes place. Please note that the dimensions of Irradiance and the dimensions of average power flow vectors (Poynting vectors) are the same. Hecht says that in the localized absence of a source, any constructive interference must be equaled by the same magnitude of destructive interference. The destructive interference that eliminates reflections on the source side of the thin-film coating on non-reflective glass is exactly offset by an equal magnitude of constructive interference on the other side of that thin film surface. It's all there in "Optics" by Hecht.
--
73, Cecil, w5dxp.com

528. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 16:00:54 UTC
From: Mark@kb9rqz.net
Message-ID: <iv7ii21b0cpkua4n6vo4dblqcs3e66hs7f@4ax.com>
Source record: 51402
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 8 Oct 2006 03:58:05 -0500, "Billy" <Anon@anon.com> wrote:

>
>"an_old_friend" <konstans@hotmail.com> wrote in message
>news:1160291912.797658.82870@h48g2000cwc.googlegroups.com...
>
>Sal M. Onella wrote:
>> "Al Klein" <rukbat@pern.invalid> wrote in message
>> news:g5agi2lukfvlaq21aqhd9b5pr4mddca6m2@4ax.com...
>>
>> < SNIP >
>>
>> > That's not dyslexia - it's your fingers and your brain not working
>> > together.
>>
>> I don't hear/perceive/recognize/distinguish/discriminate the dits and dahs
>> correctly. I can learn that dit-dah-dah-dit is G (or whatever it is -- I
>am
>> not sure and I am certainly far, far beyond caring) and five seconds later
>> not be able to distinguish it from dah-dit-dit-dah.
>>
>> What's the fix for it?
>
>well ADA says you and I should be allowed to take an acodated test with
>US choosing whatever accomodation we choose persnaly Id choose a code
>reader and would of course oviate the test all together. fairer still
>is stop dumbing down everyone in the service with test that greatest
>physists of the last century could not pass if they wanted to ham I
>refer to Einstain Hawkings and Dirac
first learn to attriube correctly
>.
>The ADA says? So what?

Interesting that You it is the CBers you accuse of trying to ignore
the law when yothey find it inconventent

>I suppose that you will next enlist their aid in
>getting the 5wpm requirement dropped so you can move on to HF. Heck, that
>way you can be a Zero wpm General.

I have after a feshion and it is part of parcel of the reasons that
the FCC is going to drop code testing soone enough

>And if Steve Hawkings ever tried to apply for, and failed, a Ham license,
>please tell us when.

I don't know that steve well enough but he a brillant man and would a worthy addition to the ARS but would end up confined to VHF plus here in the USA
>
>Don't get rid of your CB, Mark.

why would I ever get rid of it
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

529. hi steve

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 16:06:21 UTC
From: Mark@kb9rqz.net
Message-ID: <if8ii2h7vdpudnpch8v30fpffmkgip6o8a@4ax.com>
Source record: 51403
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

On Sun, 8 Oct 2006 15:20:59 +0000 (UTC), Mark@kb9rqz.net
(Mark@kb9rqz.net) wrote:

hi steve
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

530. Joining galvanised wire mesh (chicken wire) ground plane

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 17:13:55 UTC
From: ferrymanr <richardferryman@btinternet.com>
Message-ID: <iZadnf9CAvFLrLTYRVny2Q@bt.com>
Source record: 51404

To improve the ground plane of my roof mounted HF verrtical I plan on lining the flat roof of my house with chicken wire (wire mesh) which comes in rolls 6' (2M) wide. As this is fabricated from fairly thin galvanised steel wire I am not sure how to join the strips of mesh or make ground connection to it. Can it be soldered?
I also plan on retaining the radials which run from the base of the antenna to the edges of the roof and down to ground level. Should these be above or below the mesh?
Thanks de Dick G4BBH

531. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 17:26:41 UTC
From: Al Klein <rukbat@pern.invalid>
Message-ID: <3scii2h5pbngasblg6n7agkfqhh97ove2h@4ax.com>
Source record: 51405
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sat, 7 Oct 2006 21:24:32 -0700, "Sal M. Onella"
<salmonella@food.poisoning.org> wrote:

>I don't hear/perceive/recognize/distinguish/discriminate the dits and dahs
>correctly.

You're not supposed to learn dits and dahs, any more than, in French
class, you learn the letters of the alphabet. You're supposed to
learn the words in CW. Anyone listening to the dits and dahs
(dyslexic or not) will never gain any proficiency in CW.

>What's the fix for it?

Learn it by the sound, not by the individual element - the same way
you'd learn any other language. See if a ham club near you has
classes. If they do, see if the person teaching CW knows the
difference between learning the dits and dahs and learning CW by
sound. If s/he does, take the course.

I started teaching myself CW (as a kid) by individual letters. After
using it on the air for a year (we had very little choice in those
days - Gonsets were too expensive for most of us, and there weren't
too many other ways to get on 2 meters) I was listening to the
content, not the dits and dahs. I still have to "hear" the sound in
my head when someone posts dots and dashes in a Usenet post - I never
learned to "read" "written CW".

532. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 17:42:33 UTC
From: Al Klein <rukbat@pern.invalid>
Message-ID: <87dii29tgoa88irtsed7a2oq2tt4n9e3dk@4ax.com>
Source record: 51406
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 8 Oct 2006 03:58:05 -0500, "Billy" <Anon@anon.com> wrote:

[quotes repaired]
[piggybacking]

>"an_old_friend" <konstans@hotmail.com> wrote in message
>news:1160291912.797658.82870@h48g2000cwc.googlegroups.com...

>>well ADA says you and I should be allowed to take an acodated test with
>>US choosing whatever accomodation we choose

No it doesn't. There's something in there about the test actually
testing for the thing it tests for.

Can you just imagine a totally blind from birth person "choosing", as
a test for a job that requires color matching, a test to see if he can
tell the difference between Braille labels on paintings? Or a "test"
for someone who can't drive due to a disability consisting of testing
his ability to hail a cab? A test for the ability to receive AND
DECODE CW consists of your listening to, or seeing, *CW*! We don't
test a translator's ability to translate French to English by giving
him the English translation and seeing if he can "read" it.

That makes as much sense as a man insisting that it's sex
discrimination to not hire him to model women's clothing - something
that's been thrown out of the courts so many times it has permanent
skid marks. Sue the FCC if you like, but make sure the courtroom
doors are open or you'll get hurt when they throw your case out so
fast the splinters will fly.

>> persnaly Id choose a code
>>reader and would of course oviate the test all together. fairer still
>>is stop dumbing down everyone in the service with test

Fairer still is to accept that there are a number of ways to get on
the air, one of them being to prove a certain very low level of CW
proficiency. (5 wpm isn't even reading CW, it's "decoding" individual
dots and dashes.) Would you accept a blind person's insistence that
he be allowed to travel the same way that you do - by driving his own
car? After all, he's disabled, so he can choose whatever test he
likes to get his driver's license. How about a test listening to
someone talk and seeing if he can hear the speech?

>> that greatest
>>physists of the last century could not pass if they wanted to ham I
>>refer to Einstain Hawkings and Dirac

What has being a physicist to do with being a ham? But I'll go along with that - in order for you to keep your license you can skip the CW portion of the test, as long as you produce a PhD in physics. Deal? (BTW, Einstein, Dirac and Hawking weren't/aren't physicists. They were/are all mathematicians, although that's questionable in Einstein's case.)

533. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 18:21:57 UTC
From: Mark@kb9rqz.net
Message-ID: <gcgii2tieq4f3361usk5m07hld7hjrfmfd@4ax.com>
Source record: 51407
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 08 Oct 2006 13:42:33 -0400, Al Klein <rukbat@pern.invalid>
wrote:

>On Sun, 8 Oct 2006 03:58:05 -0500, "Billy" <Anon@anon.com> wrote:
>
>[quotes repaired]
>[piggybacking]
>
>>"an_old_friend" <konstans@hotmail.com> wrote in message
>>news:1160291912.797658.82870@h48g2000cwc.googlegroups.com...
>
>>>well ADA says you and I should be allowed to take an acodated test with
>>>US choosing whatever accomodation we choose
>
>No it doesn't. There's something in there about the test actually
>testing for the thing it tests for.
yes it does Klien

it says as I can read in themnaul on ADA that I get to choose to what
accomatdation I deem fit
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

534. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 18:22:32 UTC
From: Mark@kb9rqz.net
Message-ID: <cegii2lnqhlcf7nm1tpv6o3e11pqc66308@4ax.com>
Source record: 51408
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 08 Oct 2006 13:26:41 -0400, Al Klein <rukbat@pern.invalid>
wrote:

>On Sat, 7 Oct 2006 21:24:32 -0700, "Sal M. Onella"
><salmonella@food.poisoning.org> wrote:
>
>>I don't hear/perceive/recognize/distinguish/discriminate the dits and dahs
>>correctly.
>
>You're not supposed to learn dits and dahs,
who appointed to tell others what they must do Mr NoCall coard
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

535. my dad an me pics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 18:26:35 UTC
From: Mark@kb9rqz.net
Message-ID: <452935e0$0$19748$88260bb3@free.teranews.com>
Source record: 51409
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.scanner,alt.ham-radio.vhf-uhf

dad
http://home.mchsi.com/~north1959/professorblumpkin.jpg

and now me.....
http://i10.tinypic.com/29ygohw.jpg

we morgan are hamson mens

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>>
with the punce gotcha he wonders why I simple don't bother to ty
impoving my spelling do u hav anyting cognet two say?

my blog
http://www.marksspamblog.blogspot.com/

>
>
>
>
>

--
Posted via a free Usenet account from http://www.teranews.com

536. id theift is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 18:29:43 UTC
From: Mark@kb9rqz.net
Message-ID: <csgii2t69fitf17o4g9ug28ss62aomkv2e@4ax.com>
Source record: 51410
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.scanner,alt.ham-radio.vhf-uhf

On Sun, 8 Oct 2006 14:26:35 -0400, <Mark@kb9rqz.net> wrote:

id theift is a crime
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

537. Re: TOOL FOR CUTTING EARTH & BURYING RADIALS ????

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 19:24:40 UTC
From: "H. Adam Stevens, NQ5H" <nq5h@arrl.net>
Message-ID: <12iik3on9jm16b7@corp.supernews.com>
Source record: 51411

"Bob Miller" <NOSPAM@neosoft.com> wrote in message
news:gd1ph2l3ihckr9gr1qq5dpiincees24mb0@4ax.com...
> On Thu, 28 Sep 2006 00:13:54 GMT, solidgoldZZZ@optonline.net (Ron
> Goldstein--KA2IIA) wrote:
>
>>A friend of mine told me that at Dayton, over the past few years, he has
>>seen a
>>tool that looks like a lineoleum knife with a small tube welded onto it
>>for
>>cutting the earth and burying an antenna radial at the same time. You feed
>>the
>>wire through the tube, and as the tool cuts the earth, it dispenses and
>>buries
>>the wire. Has anyone seen this tool, and who makes it ??? Where can I buy
>>one
>>???
>>
>>
>> RON...KA2IIA
>>===
>>Remove the ZZZ from my E-mail address to send me E-mail.
>
> Best thing I've found is the Hound Dog Steppin' Edger -- a blade about
> a foot long with a foot rest on top to shove it along. Only real
> problem is dirt may stick to the blade.
>
> bob
> k5qwg

When I was building AM broadcast stations, I had a shop make a thin plow
with a tube welded to the back.
Just lay out the wire and plow it in.

73
H.
NQ5H

538. I SWALLOW HOG CUM

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 19:26:58 UTC
From: LLOYD DAVIES <lardass@bucktoothchoad.com>
Message-ID: <egbje5$b7r$3@emma.aioe.org>
Source record: 51412
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

I AM A HOG
http://i12.tinypic.com/4hklyci.jpg

539. Re: Joining galvanised wire mesh (chicken wire) ground plane

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 19:28:54 UTC
From: Wimpie <wimtel@tetech.nl>
Message-ID: <1160335734.025287.134700@m73g2000cwd.googlegroups.com>
Source record: 51413

Hello Dick,

Whether you can solder the chicken mesh depends on the amount of oxides. When it is very glossy (like a fresh soldered PCB), you may use solder with a flux core (as you use for normal electronic assembly or rework). I do not like this method for large solder jobs.

However, when it looks dull, you should use the aggressive paste or liquid flux in combination with solder without flux (as used by plumbers). The liquid flux (I think zinc solution in hydrochloric acid) works well (I'm still using it) However, after soldering, you have to clean thoroughly with abundant warm water with soap to avoid corrosion. The aggressive flux stays active, also at normal temperature.

I prefer the aggressive flux in combination with cleaning. After cleaning, you can use normal flux core solder.

When I solder several pieces of mesh together, I first strap them together with metal wire (in their final position), so I can fully concentrate myself on the soldering.

I do not know your radial arrangement, but when the mesh will replace the radials, I would remove them.

When the existing radial wires are not insulated, you may get unreliable contact between the mesh and the radials. In combination with small mechanical movements (wind), this may generate noise.

As the conductivity of wire mesh is not that good and somewhat unpredictable, you may put (solder) small radial (about 30cm) wires from the point where you ground your coaxial feeder.

I hope this will help you.

Wim
PA3DJS

540. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 19:30:43 UTC
From: Lloyd Morgan <lloyd@no.spammmmm>
Message-ID: <8810917844.2458F8789@tarrnews.net>
Source record: 51414
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 08 Oct 2006 13:42:33 -0400, Al Klein <rukbat@pern.invalid> wrote:
>
> What has being a physicist to do with being a ham? But I'll go along
> with that - in order for you to keep your license you can skip the CW
> portion of the test, as long as you produce a PhD in physics. Deal?
> (BTW, Einstein, Dirac and Hawking weren't/aren't physicists.
> They were/are all mathematicians

Wrong. Here's part of Hawking's bio: "In March 1959 Hawking took the scholarship examinations with the aim of studying natural sciences at Oxford. He was awarded a scholarship, despite feeling that he had performed badly, and at University College he specialised in physics in his natural sciences degree. He only just made a First Class degree in 1962 and in [1] he explains how the attitude of the time worked against him:

"The prevailing attitude at Oxford at that time was very anti-work. You were supposed to be brilliant without effort, or accept your limitations and get a fourth-class degree. To work hard to get a better class of degree was regarded as the mark of a grey man - the worst epithet in the Oxford vocabulary.

"From Oxford, Hawking moved to Cambridge to take up research in general relativity and cosmology, a difficult area for someone with only a little mathematical background."
(From http://www.gap-system.org/~history/Biographies/Hawking.html)

From http://archive.ncsa.uiuc.edu/Cyberia/NumRel/EinsteinLegacy.html:
"Einstein's college record as an unenthusiastic student is fairly well known. So, too, his independence and questioning of authority, all of which may have prevented him from landing an entry-level academic position once he graduated in 1900 with a degree in physics."

From http://nobelprize.org:
"In 1909 (Einstein) became Professor Extraordinary at Zurich, in 1911 Professor of Theoretical Physics at Prague, returning to Zurich in the following year to fill a similar post. In 1914 he was appointed Director of the Kaiser Wilhelm Physical Institute and Professor in the University of Berlin."

So both Hawking and Einstein were trained as physicists, and had the equivalent of a minor in mathematics. Only Dirac (originally an electrical engineer) had a major degree in mathematics.

541. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 19:44:38 UTC
From: Cecil Moore <w5dxp@hotmail.com>
Message-ID: <1160336678.757847.17040@c28g2000cwb.googlegroups.com>
Source record: 51415

Richard Clark wrote:
> And electric and magnetic fields exist quite independently of ANY
> photons (invisible or otherwise) ...

Richard, I suggest you take time to digest the material before making
any more obviously false statements like the above.
--
73, Cecil, w5dxp.com

542. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 20:04:00 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <mnlii2pi54ant2kctev067uev9su0bfd5c@4ax.com>
Source record: 51416

On Fri, 06 Oct 2006 14:59:11 -0700, Richard Clark <kb7qhc@comcast.net>
wrote:

>Photons I do see, do exist, and are NOT "responsible for producing all
>electric and magnetic fields."
>
>Photons I do NOT see, do exist, and are NOT "responsible for producing
>all electric and magnetic fields."
>
>And electric and magnetic fields exist quite independently of ANY
>photons (invisible or otherwise) which, of course, means that photons
>were NEVER "responsible for producing" these "electric and magnetic
>fields." Note that ALL is inclusive in its totality and I have thrice
>demonstrated that falsity.
>
>Like I said, your naive statements propagate a lot of foolishness and
>fall far short of illuminating.
>
>So, time for another simple computation:
>
> What is the temperature of an 80M photon?
>
>Looking forward to your fumble.

The ball lay dormant on the 1 inch line with 2 days to snap it and....

OK, the quick Xeroxed answer from my own posting, some time earlier:

0ï¿½K or so close as to be indistinguishable;

For extra credit (sic, nothing extra as nothing was credited to Cecil
in the first place):

What is the actual answer to within NOT ï¿½69%,
but to within one order of magnitude!?

All may note the munificence of allowing up to 1000% error allowable
as a "correct" answer. Certainly the master of Xeroxphotonic-zen
might grasp at a straw? After all, how close do you have to be when
you are already dead-nutz on to zero? :-0

[Hint, when I taught Electronics in the Navy, my students swore I
always had an "Ace-Buster" in the quiz.]

543. Re: Joining galvanised wire mesh (chicken wire) ground plane

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 20:40:57 UTC
From: ferrymanr <richardferryman@btinternet.com>
Message-ID: <iumdnd6yfJvB_7TYnZ2dnUVZ8s-dnZ2d@bt.com>
Source record: 51417

Thank you Wim

I have in my household toolbox a good supply of a very agressive flux which I often use as a final attempt to solder to some modern PL259 connectors. I just tin the surface with the aid of agressive flux then clean it all up before soldering normally. I think this and plumbers solder may work. When the roll of ckicken wire is delivered I will try a test run.

As the ground mat will be of a lossy material I am hoping the large number of effective rf paths in parallel will mean that losses will be reduced. My present radial system is four insulated wires that run to drains at four corners of the roof and the down inside the plastic drain pipes to ground level. Approximately 16 metres each. There are a futher four radials which onle go to the edge of the roof but are only about 4 metres long each. I would lose these four short radials but keep the longer ones. The wire mesh mat would be 6M by 7M and would be much better than those short radials. I can solder a few radial wires from the base of the antenna to the mesh. However if I solder each wire to the mesh at, say, 500mm intervals I could end up with more galvanic corrosion particularly as the air is very salty in Dover.

The weather is changing and I think I chose a bad time to start this :-(

Dick G4BBH

544. Blown trap??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 20:42:39 UTC
From: Teri Buck <k4ia@verizon.net>
Message-ID: <3pdWg.2114$9Y1.384@trndny03>
Source record: 51418

I have a Mosley tribander with the following symptoms:

SWR on 20 is 2:1 and there appears to be no pattern or it is very skewed. On the antenna analyzer, it is showing 100 ohm impedence. The other bands are operating normally.

My guess it one of the 20 meter traps in the driven element has either roasted or a wire has come undone. That would make half the antenna too short on 20.

Before I go up and take it down, anyone care to venture what I will find? I would like to be prepared so I can fix it with the least amount of downtime.

545. Re: TOOL FOR CUTTING EARTH & BURYING RADIALS ????

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 20:53:57 UTC
From: yea right <spam@spam.spam>
Message-ID: <pan.2006.10.08.20.53.57.875081@spam.spam>
Source record: 51419

On Sun, 08 Oct 2006 14:24:40 -0500, H. Adam Stevens, NQ5H wrote:

>
> "Bob Miller" <NOSPAM@neosoft.com> wrote in message
> news:gd1ph2l3ihckr9gr1qq5dpiincees24mb0@4ax.com...
>> [quoted text muted]
>
> When I was building AM broadcast stations, I had a shop make a thin plow
> with a tube welded to the back.

Wow! Same here.

Additionally, I had the shop make me a plow hook to help me pull up the
old ground radials as I had a concern for arcing (diode action) between
the new and old ground system. I would pull the plow around with a small
tractor and pull up the old wires.

546. Re: Joining galvanised wire mesh (chicken wire) ground plane

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 21:02:23 UTC
From: 62736748382 <12346@net.net>
Message-ID: <4529675f_1@news.iprimus.com.au>
Source record: 51420

ferrymanr wrote:
> To improve the ground plane of my roof mounted HF verrtical I plan on lining
> the flat roof of my house with chicken wire (wire mesh) which comes in rolls
> 6' (2M) wide. As this is fabricated from fairly thin galvanised steel wire
> I am not sure how to join the strips of mesh or make ground connection to
> it. Can it be soldered?
> I also plan on retaining the radials which run from the base of the antenna
> to the edges of the roof and down to ground level. Should these be above or
> below the mesh?
> Thanks de Dick G4BBH
>
>
>
Once you have a mesh size of about 1 ft square it looks like a solid
copper sheet to RF. Putting your radials underneath will achieve nothing
they will be screened by the mesh.

Its also doubtful if they will have any value with such a high density mesh.

Galvanised wire wont last long laying on the ground. You can buy some
mesh at some places which is actually coated with copper. Its plated
with copper. Bird breeders seem to be demanding this stuff more and
more, which is very convenient to say the least.

You will have to solder mesh. The problem is that after the galvenising
process there is a nasty muck left on the wire thats hard to remove.

I would use a general purpose flux and use a pain brush to apply the
flux and leave it overnight to eat this crud away. I would then solder
the next day using heavy flux. Just watch your soldering tip, i would
wash it regularly because the flux is so aggressive it will eat away
your tip doing such a big job. I would use a very cheap solid tip iron
that you can file away and wash.

To me the job is such an horrendous thought that laying down 60 clean
copper wire radials looks like a simple job!

To each their own.

Greg

547. Re: AM Radio

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 21:08:53 UTC
From: Walter Maxwell <walt@w2du.com>
Message-ID: <u4qii2te2u47qph4habddrs0cvagfjvsg5@4ax.com>
Source record: 51421

On Sun, 8 Oct 2006 00:01:35 -0000, "Dave" <noone@nowhere.com> wrote:

>yes, look somewhere around 1880-1890 or so for some AM activity on 160m.
>
>
>"JIMMIE" <JIMMIEDEE123@YAHOO.COM> wrote in message
>news:1160258002.926885.205010@e3g2000cwe.googlegroups.com...
>> Is DSB with carrier still used on the ham bands?. I recently dug an old
>> transmitter I made back in 1970. The plans at the time was set up a low
>> power AM FCC licensed radio station operating in the broadcast band. We
>> had no idea what we were doing except we got the transmitter built. For
>> grins and giggles I fired the thing up and it works just fine. Is
>> anything still happening on 160m AM. I lose track of whats going on
>> because I am in and out of radio these days. over the last few years
>> mostly out
>>
Also look between 3.80 and 3.85 MHz. You'll find lots of AMers there.

Walt, W2DU

548. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 21:48:53 UTC
From: Dana <raff242@yahoo.com>
Message-ID: <12iisg68kojau1a@corp.supernews.com>
Source record: 51422

"Richard Clark" <kb7qhc@comcast.net> wrote in message
news:mnlii2pi54ant2kctev067uev9su0bfd5c@4ax.com...
> On Fri, 06 Oct 2006 14:59:11 -0700, Richard Clark <kb7qhc@comcast.net>
> wrote:
>
> >Photons I do see, do exist, and are NOT "responsible for producing all
> >electric and magnetic fields."
> >
> >Photons I do NOT see, do exist, and are NOT "responsible for producing
> >all electric and magnetic fields."
> >
> >And electric and magnetic fields exist quite independently of ANY
> >photons (invisible or otherwise) which, of course, means that photons
> >were NEVER "responsible for producing" these "electric and magnetic
> >fields." Note that ALL is inclusive in its totality and I have thrice
> >demonstrated that falsity.
> >
> >Like I said, your naive statements propagate a lot of foolishness and
> >fall far short of illuminating.
> >
> >So, time for another simple computation:
> >
> > What is the temperature of an 80M photon?
> >
> >Looking forward to your fumble.
>
> The ball lay dormant on the 1 inch line with 2 days to snap it and....
>
> OK, the quick Xeroxed answer from my own posting, some time earlier:
>
> 0�K or so close as to be indistinguishable;
>
> For extra credit (sic, nothing extra as nothing was credited to Cecil
> in the first place):
>
> What is the actual answer to within NOT �69%,
> but to within one order of magnitude!?
>
> All may note the munificence of allowing up to 1000% error allowable
> as a "correct" answer. Certainly the master of Xeroxphotonic-zen
> might grasp at a straw? After all, how close do you have to be when
> you are already dead-nutz on to zero? :-0
>

> [Hint, when I taught Electronics in the Navy, my students swore I
> always had an "Ace-Buster" in the quiz.]

ET or AT ratings.

549. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 21:57:50 UTC
From: Gerry <NoEmail@Spamblock.isp>
Message-ID: <jvKdnXWmR63I6bTYnZ2dnUVZ_rudnZ2d@giganews.com>
Source record: 51423
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Al Klein" <rukbat@pern.invalid> wrote in message
news:3scii2h5pbngasblg6n7agkfqhh97ove2h@4ax.com...
> On Sat, 7 Oct 2006 21:24:32 -0700, "Sal M. Onella"
> <salmonella@food.poisoning.org> wrote:
>
>>I don't hear/perceive/recognize/distinguish/discriminate the dits and dahs
>>correctly.
>
> You're not supposed to learn dits and dahs, any more than, in French
> class, you learn the letters of the alphabet. You're supposed to
> learn the words in CW. Anyone listening to the dits and dahs
> (dyslexic or not) will never gain any proficiency in CW.

Now if by "words" you mean the collection of dits and dahs that make up an individual letter, I totally agree with you. One should never resort to counting dits and dahs. However, IMHO, the next step to recognizing words (ie groups of letters) comes with time and a lot of experience. I would also agree that until one can copy "words" by sound, that there will be a certain speed limit that you will not get past: For me that wall has been around 20 wpm or so, depending on the quality of the sent code.

FWIW, I have a hell of a time copying code a slow character speeds: < 10wpm character speed. At this speed, I no longer hear the 'sound of the letter', only a bunch of dits and dahs. I find myself playing each collection of dits and dahs back in my head at a higher speed --- bizzare. I first learned slow code with farnsworth (21 wpm character speed) and longer inter character spaces to give the effective slower WPM rates. Increasing speed involved reducing the inter character space time.

550. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 22:17:46 UTC
From: Gerry <NoEmail@Spamblock.isp>
Message-ID: <ZP6dnXKTY8li5bTYnZ2dnUVZ_smdnZ2d@giganews.com>
Source record: 51424
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Al Klein" <rukbat@pern.invalid> wrote in message
news:87dii29tgoa88irtsed7a2oq2tt4n9e3dk@4ax.com...
> On Sun, 8 Oct 2006 03:58:05 -0500, "Billy" <Anon@anon.com> wrote:
>
> [quotes repaired]
> [piggybacking]
>
>>"an_old_friend" <konstans@hotmail.com> wrote in message
>>news:1160291912.797658.82870@h48g2000cwc.googlegroups.com...
>
>>>well ADA says you and I should be allowed to take an acodated test with
>>>US choosing whatever accomodation we choose
>
> No it doesn't. There's something in there about the test actually
> testing for the thing it tests for.
>
> Can you just imagine a totally blind from birth person "choosing", as
> a test for a job that requires color matching, a test to see if he can
> tell the difference between Braille labels on paintings? Or a "test"
> for someone who can't drive due to a disability consisting of testing
> his ability to hail a cab? A test for the ability to receive AND
> DECODE CW consists of your listening to, or seeing, *CW*! We don't
> test a translator's ability to translate French to English by giving
> him the English translation and seeing if he can "read" it.
>
> That makes as much sense as a man insisting that it's sex
> discrimination to not hire him to model women's clothing - something
> that's been thrown out of the courts so many times it has permanent
> skid marks. Sue the FCC if you like, but make sure the courtroom
> doors are open or you'll get hurt when they throw your case out so
> fast the splinters will fly.
>
>>> persnaly Id choose a code
>>>reader and would of course oviate the test all together. fairer still
>>>is stop dumbing down everyone in the service with test
>
> Fairer still is to accept that there are a number of ways to get on
> the air, one of them being to prove a certain very low level of CW
> proficiency. (5 wpm isn't even reading CW, it's "decoding" individual
> dots and dashes.) Would you accept a blind person's insistence that
> he be allowed to travel the same way that you do - by driving his own
> car? After all, he's disabled, so he can choose whatever test he
> likes to get his driver's license. How about a test listening to

> someone talk and seeing if he can hear the speech?
>

One could test using light rather than sound if the disability were auditory in nature. Or by feel --- with a vibrating device delivering the dits and dahs.

Part 97.509(k) The administering VEs must accommodate an examinee whose physical disabilities require a special examination procedure. The administering VEs may require a physician's certification indicating the nature of the disability before determining which, if any, special procedures must be used.

If one looks at the Basis and Purpose for the government licensing Amatures, I am not sure I see much justifcation for continuing the CW testing. I am a KNOW CODEer. It took me a LONG time to learn code. It was one of the hardest things I have had to learn. It is still hard for me: Although it is my preferred operating mode. I must like pain. I do see the requirement of learning code to be good for THE HOBBY: It introduces new hams to a fun part of the hobby they might not therwise find out about. Though I am not sure it is the role of the FCC to do what is best for THE HOBBY.

551. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 22:34:14 UTC
From: Mark@kb9rqz.net
Message-ID: <uiuii2djnu142d646a05v0vnapdcn8qtum@4ax.com>
Source record: 51425
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

```
On Sun, 8 Oct 2006 18:17:46 -0400, "Gerry" <NoEmail@Spamblock.isp>
wrote:

>
>"Al Klein" <rukbat@pern.invalid> wrote in message
>news:87dii29tgoa88irtsed7a2oq2tt4n9e3dk@4ax.com...
>> On Sun, 8 Oct 2006 03:58:05 -0500, "Billy" <Anon@anon.com> wrote:
>>
>> [quotes repaired]
>> [piggybacking]
>>
>>>"an_old_friend" <konstans@hotmail.com> wrote in message
>>>news:1160291912.797658.82870@h48g2000cwc.googlegroups.com...
>>
>>>>well ADA says you and I should be allowed to take an acodated test with
>>>>US choosing whatever accomodation we choose
>>
>> No it doesn't. There's something in there about the test actually
>> testing for the thing it tests for.
splinters will fly.
>>
>>>> persnaly Id choose a code
>>>>reader and would of course oviate the test all together. fairer still
>>>>is stop dumbing down everyone in the service with test
>>
>> Fairer still is to accept that there are a number of ways to get on
>> the air, one of them being to prove a certain very low level of CW
>> proficiency. (5 wpm isn't even reading CW, it's "decoding" individual
>> dots and dashes.) Would you accept a blind person's insistence that
>> he be allowed to travel the same way that you do - by driving his own
>> car? After all, he's disabled, so he can choose whatever test he
>> likes to get his driver's license. How about a test listening to
>> someone talk and seeing if he can hear the speech?
>>
>
>One could test using light rather than sound if the disability were auditory
>in nature. Or by feel --- with a vibrating device delivering the dits and
>dahs.
>
>Part 97.509(k) The administering VEs must accommodate an examinee whose
>physical disabilities require a special examination procedure. The
>administering VEs may require a physician's certification indicating the
>nature of the disability before determining which, if any, special
```

>procedures must be used.
>
>If one looks at the Basis and Purpose for the government licensing Amatures,
>I am not sure I see much justifcation for continuing the CW testing. I am a
>KNOW CODEer. It took me a LONG time to learn code. It was one of the
>hardest things I have had to learn. It is still hard for me: Although it is
>my preferred operating mode. I must like pain. I do see the requirement of
>learning code to be good for THE HOBBY: It introduces new hams to a fun part
>of the hobby they might not therwise find out about. Though I am not sure
>it is the role of the FCC to do what is best for THE HOBBY.

since you seem to be a mode to listen let me try Itis my understanding
and beliefnthat the Mandate legaly of the FCC is to serve the interest
of the PUBLIC in all of it regs (at least that is the thery)

Therfore in my If some one made the case that Code testing was good
for the ARS they have NOT finished the job for making it a requirement
Klien is found of throwing up red herrings (and it is begining to
realy stunk from that

the Facts is CW is not required to achive the stated pruposes of the
ARS

many Hams NEVER use it and many rarely do

the question the ProCoders avoid is how does code testing benifit the
PUBLIC at large?

if there answer it does not realy that it can not be shown to then the
question of wether it benifits Ham radio is moot and with the end of
the treaty requirement I cointend (and others) that constutituionaly
the FCC lacks the POWER to require it

when you add ADA which allows the disabled to choose thier accomdation
(the FCC section you cite is belived by LWAYERS to LEGALY invalid, all
it takes about 5K dollars to spare to prove it

if an ADA chalange went we would have people like efectively not
taking the test and yet demtrating that we HAVE some abilty to use the
mode I have quite a bit of on AIR CW work with computers (I engaged
for 2 reason to see how well it worked and to provide a an interactive
target for code practice to friend of hgoing for various level of
license surely even my worst detractors will grant if I can follow MY
typing translated to Morse Coded CW at a given speed you can pass a
test at the same speed)

as to machine morse in general I find I can decode with machine and
panographic signal display to alow to see the signal I can follow the
going of ARRL straigh key night fairly well, why isn't that enough if
there were a need for CW?
>
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

552. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-08 22:54:19 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <560ji21t56httomvd1s7r64ae8k02t89t9@4ax.com>
Source record: 51276

On Sun, 8 Oct 2006 13:48:53 -0800, "Dana" <raff242@yahoo.com> wrote:

>> [Hint, when I taught Electronics in the Navy, my students swore I
>> always had an "Ace-Buster" in the quiz.]
>
>ET or AT ratings.

Hi Dana,

ETN. Instructor in branches A1, A3, and A4 at Treasure Island, 1969 -
1972.

73's
Richard Clark, KB7QHC, ET1 (through A5 and A6 as an ETR)

553. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 00:03:40 UTC
From: Gerry <NoEmail@Spamblock.isp>
Message-ID: <OeKdnRx0d_ZMDLTYnZ2dnUVZ_radnZ2d@giganews.com>
Source record: 51277
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

<Mark@kb9rqz.net> wrote in message
news:uiuii2djnu142d646a05v0vnapdcn8qtum@4ax.com...
> On Sun, 8 Oct 2006 18:17:46 -0400, "Gerry" <NoEmail@Spamblock.isp>
> wrote:
>
>>
>>"Al Klein" <rukbat@pern.invalid> wrote in message
>>news:87dii29tgoa88irtsed7a2oq2tt4n9e3dk@4ax.com...
>>> On Sun, 8 Oct 2006 03:58:05 -0500, "Billy" <Anon@anon.com> wrote:
>>>
>>> [quotes repaired]
>>> [piggybacking]
>>>
>>>>"an_old_friend" <konstans@hotmail.com> wrote in message
>>>>news:1160291912.797658.82870@h48g2000cwc.googlegroups.com...
>>>
>>>>>well ADA says you and I should be allowed to take an acodated test with
>>>>>US choosing whatever accomodation we choose
>>>
>>> No it doesn't. There's something in there about the test actually
>>> testing for the thing it tests for.
> splinters will fly.
>>>
>>>>> persnaly Id choose a code
>>>>>reader and would of course oviate the test all together. fairer still
>>>>>is stop dumbing down everyone in the service with test
>>>
>>> Fairer still is to accept that there are a number of ways to get on
>>> the air, one of them being to prove a certain very low level of CW
>>> proficiency. (5 wpm isn't even reading CW, it's "decoding" individual
>>> dots and dashes.) Would you accept a blind person's insistence that
>>> he be allowed to travel the same way that you do - by driving his own
>>> car? After all, he's disabled, so he can choose whatever test he
>>> likes to get his driver's license. How about a test listening to
>>> someone talk and seeing if he can hear the speech?
>>>
>>
>>One could test using light rather than sound if the disability were
>>auditory
>>in nature. Or by feel --- with a vibrating device delivering the dits and
>>dahs.
>>
>>Part 97.509(k) The administering VEs must accommodate an examinee whose

>>physical disabilities require a special examination procedure. The
>>administering VEs may require a physician's certification indicating the
>>nature of the disability before determining which, if any, special
>>procedures must be used.
>>
>>If one looks at the Basis and Purpose for the government licensing
>>Amatures,
>>I am not sure I see much justifcation for continuing the CW testing. I am
>>a
>>KNOW CODEer. It took me a LONG time to learn code. It was one of the
>>hardest things I have had to learn. It is still hard for me: Although it
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>>my preferred operating mode. I must like pain. I do see the requirement
>>of
>>learning code to be good for THE HOBBY: It introduces new hams to a fun
>>part
>>of the hobby they might not therwise find out about. Though I am not sure
>>it is the role of the FCC to do what is best for THE HOBBY.
>
> since you seem to be a mode to listen let me try Itis my understanding
> and beliefnthat the Mandate legaly of the FCC is to serve the interest
> of the PUBLIC in all of it regs (at least that is the thery)
>
> Therfore in my If some one made the case that Code testing was good
> for the ARS they have NOT finished the job for making it a requirement
> Klien is found of throwing up red herrings (and it is begining to
> realy stunk from that
>
> the Facts is CW is not required to achive the stated pruposes of the
> ARS

The stated purposes as put forth in Part 97 would seem to support that. In case you didn't notice, I am not saying the FCC should be requireing the CW test.

>
> many Hams NEVER use it and many rarely do

True. And many Hams use it. I was on 20 meters this evening and the CW sub band was wall to wall operators --- much more than on the phone subband --- not that means manything special.

>
> the question the ProCoders avoid is how does code testing benifit the
> PUBLIC at large?

I suspect you are being kind. I fear many want the code requirement so as to protect their vision of what Ham radio should be. I am not sure that requiring CW and not requiring proficiency in any of the digital modes makes any sense. Its the inconsistency that seems weird.

>
> when you add ADA which allows the disabled to choose thier accomdation
> (the FCC section you cite is belived by LWAYERS to LEGALY invalid, all
> it takes about 5K dollars to spare to prove it

If so, that is a shame.

>
> if an ADA chalange went we would have people like efectively not
> taking the test and yet demtrating that we HAVE some abilty to use the
> mode I have quite a bit of on AIR CW work with computers (I engaged
> for 2 reason to see how well it worked and to provide a an interactive
> target for code practice to friend of hgoing for various level of
> license surely even my worst detractors will grant if I can follow MY
> typing translated to Morse Coded CW at a given speed you can pass a
> test at the same speed)

I'm not sure I get your point. I can have someone read me a book (books on audio tape) , or I can read it myself. I prefer reading it myself. However, listening to an audio tape doesn't demonstrate that I can read.

>
> as to machine morse in general I find I can decode with machine and
> panographic signal display to alow to see the signal I can follow the
> going of ARRL straigh key night fairly well, why isn't that enough if
> there were a need for CW?

My CW skills are always a challenge. Yet I can usually copy (<20 wpm or so) better than most software programs .. especially in noisy conditions QRM or QRN.

Again, I am not sure I think CW should be a requirement. I think it is good for the HOBBY. I am not sure it is relevant to the service regulated by the FCC.

>>
>>
> http://kb9rqz.blogspot.com/
>
> --
> Posted via a free Usenet account from http://www.teranews.com
>

554. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 00:37:39 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <nRgWg.8921$o71.8812@newsread3.news.pas.earthlink.net>
Source record: 51278
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Billy" <CB@anon> wrote in news:c6l1a.5n4.17.1@news.alt.net:

>
> "Sal M. Onella" <salmonella@food.poisoning.org> wrote in message
> news:44%Vg.3705$gM1.117@fed1read12...
>
> "Al Klein" <rukbat@pern.invalid> wrote in message
> news:g5agi2lukfvlaq21aqhd9b5pr4mddca6m2@4ax.com...
>
> < SNIP >
>
>> That's not dyslexia - it's your fingers and your brain not working
>> together.
>
> I don't hear/perceive/recognize/distinguish/discriminate the dits and
> dahs correctly. I can learn that dit-dah-dah-dit is G (or whatever it
> is -- I am not sure and I am certainly far, far beyond caring) and five
> seconds later not be able to distinguish it from dah-dit-dit-dah.
>
> What's the fix for it?
>
>
> Don't sell your CB.

ROFL

SC

555. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 00:37:41 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <pRgWg.8922$o71.6936@newsread3.news.pas.earthlink.net>
Source record: 51279
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

"William" <billybeeper@juno.com> wrote in
news:1160252708.499314.128580@m7g2000cwm.googlegroups.com:

>
> Slow Code wrote:
>
>> If we raise the CW speed to 20 WPM for all classes...
>
> Slow, that's all well and good, but how do we get rid of you and your
> cross-posting to RRAA?

We're rebuilding RRAP. We need to alert internet hams that we are getting general amateur radio and policy threads going again there. Many of the good hams on usenet left RRAP when Mark Morgan, and Roger Wiseman polluted the group, but discussions have started there again. Cross-posting will end in earnest once good hams move back into RRAP, and the riff-raff like KB9RQZ, AB8MQ and N0VFP move out.

Looking forward to more policy and pro-CW discussions with all you fine hams. :)

73, and good luck in the contest.

de Slow Code

556. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 00:37:43 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <rRgWg.8923$o71.3551@newsread3.news.pas.earthlink.net>
Source record: 51281
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

```
"U-Know-Who" <no-one@nowhere.com> wrote in
news:aD_Vg.16385$5o5.28@tornado.texas.rr.com:

>
> "Slow Code" <my.mail@no.spam> wrote in message
> news:TqVVg.11329$UG4.11207@newsread2.news.pas.earthlink.net...
>> james <george@washington.edu> wrote in
>> news:f7afi2hs7dbp1hbjpthr8lrbu9hkm7vbqe@4ax.com:
>>
>>> On Fri, 6 Oct 2006 16:52:24 -0400, "Fred G." <Radios@rmylife.com>
>>> wrote:
>>>
>>>>+++Neither the Code NOR Theory tests will weed out the bad radio
>>>>operator any +++more than a driving test will weed out the DUIs - OR -
>>>>the Physical agility, +++legal and other exams will weed out bad cops.
>>>>Those tests are only tests of +++"Proficiency" in the subject matter -
>>>>NOT - "Mentality". Those tests won't +++stop the trash.
>>>>+++But those who choose to not learn code will continue to bitch about
>>>>why they +++shouldn't. OK, DROP the code........Next you'll want the
>>>>"Theory" taken away +++too. Want to bet?
>>>>+++
>>>>+++Fred G.
>>> ********************
>>>
>>> Fred
>>>
>>> The theory questions even the extra exam is not that difficult. A
>>> decent electronics tech with an AA degree can master that test. In
>>> fact the tests are so dummied down that just about anyone that has the
>>> ability read and comprehend can pass them with the minimal of
>>> coaching. So if you think so highly your "Theory" tests then I hate to
>>> burst your bubble.
>>>
>>> Why should proficiency in one means of communication hender operation
>>> in another? I tend to think that those that are very proficient with
>>> morse code tend to spend more of their time with that mode of
>>> communication. Why should there be a limitation on other modes that do
>>> not wish to use that mode? Most hams learn morse code and then forget
>>> it. I have no issue with showing proficiency in a means of
>>> communication to get priviledges. I have no issues with showing a
>>> proficiency with "theory" as a means of priviledges.
```

>>>
>>> The thing here is usage of the airwaves is a priviledge and not a
>>> right. So what ever the government cares to do in this avenue is fine
>>> with me. I will take advantage of what ever they offer me.
>>>
>>> james
>>
>>
>> You raise some good points Jim. That's why I've always proposed the
>> following licensing changes:
>>
>>
>> 1: No more automatic renewals. Individuals must retest and
>> pass all elements required for their license class.
>>
>> 2: The passing score for written exams needs to be raised to 85%.
>>
>> 3: Code elements should be 13 wpm for General, and 20 wpm for Extra.
>>
>> 4: Make the no-code license one year non-renewable.
>>
>>
>>
>> SC
>
> Fuck the code only shit. Why should that be the only element? Why not
> make all amateurs retest in ALL modes, at all frequencies, et al. And
> what the hell, while we're at it, let's just go ahead and make it
> yearly. Don't let the old geezers off so easily. When a new mode is
> adopted, or allowed, make those bastards show proficiency there as well.
> That should just about do the ARS in. Why should you have it your way,
> SC?

It's hilarious watching you CB'ers whine about CW. Well don't worry, it
looks like the FCC is going to give you your dumbed down licenses.

SC

557. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 00:37:46 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <uRgWg.8925$o71.3730@newsread3.news.pas.earthlink.net>
Source record: 51280
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

james <george@washington.edu> wrote in
news:o6dgi258e9r779ne18ah64ne5c5u00b699@4ax.com:

> On Sat, 07 Oct 2006 21:59:15 GMT, Slow Code <my.mail@no.spam> wrote:
>
>>+++james <george@washington.edu> wrote in
>>+++news:f7afi2hs7dbp1hbjpthr8lrbu9hkm7vbqe@4ax.com:
>>+++
>>+++> On Fri, 6 Oct 2006 16:52:24 -0400, "Fred G." <Radios@rmylife.com>
>>+++> wrote:
>>+++>
>>+++>>+++Neither the Code NOR Theory tests will weed out the bad radio
>>+++>>operator any +++more than a driving test will weed out the DUIs -
>>OR - +++>>the Physical agility, +++legal and other exams will weed out
>>bad cops. +++>>Those tests are only tests of +++"Proficiency" in the
>>subject matter - +++>>NOT - "Mentality". Those tests won't +++stop the
>>trash. +++>>+++But those who choose to not learn code will continue to
>>bitch about +++>>why they +++shouldn't. OK, DROP the code.....Next
>>you'll want the +++>>"Theory" taken away +++too. Want to bet?
>>+++>>+++
>>+++>>+++Fred G.
>>+++> ********************
>>+++>
>>+++> Fred
>>+++>
>>+++> The theory questions even the extra exam is not that difficult. A
>>+++> decent electronics tech with an AA degree can master that test. In
>>+++> fact the tests are so dummied down that just about anyone that has
>>the +++> ability read and comprehend can pass them with the minimal of
>>+++> coaching. So if you think so highly your "Theory" tests then I hate
>>to +++> burst your bubble.
>>+++>
>>+++> Why should proficiency in one means of communication hender
>>operation +++> in another? I tend to think that those that are very
>>proficient with +++> morse code tend to spend more of their time with
>>that mode of +++> communication. Why should there be a limitation on
>>other modes that do +++> not wish to use that mode? Most hams learn
>>morse code and then forget +++> it. I have no issue with showing
>>proficiency in a means of +++> communication to get priviledges. I have
>>no issues with showing a +++> proficiency with "theory" as a means of
>>priviledges. +++>

>>+++> The thing here is usage of the airwaves is a priviledge and not a
>>+++> right. So what ever the government cares to do in this avenue is
>>fine +++> with me. I will take advantage of what ever they offer me.
>>+++>
>>+++> james
>>+++
>>+++
>>+++You raise some good points Jim. That's why I've always proposed the
>>+++following licensing changes:
>>+++
>>+++
>>+++1: No more automatic renewals. Individuals must retest and
>>+++ pass all elements required for their license class.
>>+++
> **********
>
> Why retest knowledge? Not necessary unless your intention is to reduce
> the ranks of the amatuer radio service. Few if any government
> priviledges require constant retesting for renewal. Your thinking is
> not logical.Besides it increases the government and costs. The
> government would then be forced to charge for licensing.

Could you pass all the tests again today, or would you have to study a
little first? My arguement has always been for the quality of licensees,
not the quantity of them.

>>+++2: The passing score for written exams needs to be raised to 85%.
>>+++
> **********
>
> Again 70% is sufficient. Raising to the limit you suggest is more a
> weed out than anything else.

Requiring an 85% passing score means more study before taking the exams,
which translate to a better understanding of the material. My arguement
has always been for the quality of licensees, not the quantity of them.

>>+++3: Code elements should be 13 wpm for General, and 20 wpm for Extra.
>>+++
> **********
>
> The ITU no longer requires CW for any of its commercial services. Why
> do you stillinsist on such high levels. Again your motive appears to
> be more selective as to who may be granted a license.

Hams should be skillfull. Proficency at CW gives hams a way to
communicate, when no other way might be possible.

>>+++4: Make the no-code license one year non-renewable.
>
> Why? when this class already has very strong restrictive priviledges.
> This would not be the incentive to upgrade to a higher license. Some

> maybe satisfied with the priviledges of this class and making it a one
> year nonrenewable will not be the incentice to an upgrade path.

Requiring future study in order to continue to be licensed will make for more knowledgable hams. They will be assets. A national resource. My arguement has always been for the quality of licensees, not the quantity of them.

> Instead it will be another step in restricting any growth in the
> amature radiio service. Then again if you prefer dwindling numbers,
> go ahead. Radio and its associated costs can not compete with the
> internet. If I want to talk to some one in Australia it is now far
> easier to use IRC or other messaging programs in conjuction with the
> internet. If you intend to further restrict the amature service to
> nothing more than a "good ole boys club", then you yourself have
> become the problem.

Everyone is welcome in the "good-ole-boy" club if they're not lazy and are willing to learn. If not, there's always CB for them. My arguement has always been for the quality of licensees, not the quantity of them.

Having to work a little to get/gain something gives a little sense of pride in the accomplishment and you appreciate it and take care of it. It's valuable.

Getting handed something for nothing cheapens it. Don't cheapen ham radio. Rigs don't come with kill-filters to notch out bad ops and lids, so let's support policy that minimizes the number of lids on the bands.

SC

558. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 00:40:09 UTC
From: Mark@kb9rqz.net
Message-ID: <si6ji29i10qpc8lnj8qe83882kef856um7@4ax.com>
Source record: 51282
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Mon, 09 Oct 2006 00:37:39 GMT, Slow Code <my.mail@no.spam> wrote:

>"Billy" <CB@anon> wrote in news:c6l1a.5n4.17.1@news.alt.net:

>
>
>ROFL
what is funny?
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

559. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 00:42:00 UTC
From: Mark@kb9rqz.net
Message-ID: <dm6ji2h1i937g1mmga5n0ps2jivikil6uo@4ax.com>
Source record: 51283
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Mon, 09 Oct 2006 00:37:41 GMT, Slow Code <my.mail@no.spam> wrote:

>"William" <billybeeper@juno.com> wrote in
>news:1160252708.499314.128580@m7g2000cwm.googlegroups.com:
>
>>
>> Slow Code wrote:
>>
>>> If we raise the CW speed to 20 WPM for all classes...
>>
>> Slow, that's all well and good, but how do we get rid of you and your
>> cross-posting to RRAA?
>
>
>We're rebuilding RRAP.
when are you leaving
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

560. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 00:59:07 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <8e6ji250g81g1dkjjukckdlups64ki9q2j@4ax.com>
Source record: 51284

On Sun, 08 Oct 2006 13:04:00 -0700, Richard Clark <kb7qhc@comcast.net>
wrote:

>>So, time for another simple computation:
>>
>> What is the temperature of an 80M photon?
>>
>>Looking forward to your fumble.
>
>The ball lay dormant on the 1 inch line with 2 days to snap it and....
>
>OK, the quick Xeroxed answer from my own posting, some time earlier:
>
> 0ï¿½K or so close as to be indistinguishable;
>
>For extra credit (sic, nothing extra as nothing was credited to Cecil
>in the first place):
>
> What is the actual answer to within NOT ï¿½69%,
> but to within one order of magnitude!?
>
>All may note the munificence of allowing up to 1000% error allowable
>as a "correct" answer. Certainly the master of Xeroxphotonic-zen
>might grasp at a straw? After all, how close do you have to be when
>you are already dead-nutz on to zero? :-0
>
>[Hint, when I taught Electronics in the Navy, my students swore I
>always had an "Ace-Buster" in the quiz.]

BBBBBBRRRRrrringgggggg!

No point in waiting two days for Cecil's fruitless search for
Xeroxable material - even with a latitude of one order of magnitude
slop above and beyond his usual ï¿½69%.

A Photon in the (bottom of the) 80M band would have the equivalent
temperature of:
60ï¿½ï¿½K
for extra credit, the answer would have to have fallen somewhere in
the range:
6ï¿½ï¿½K..600ï¿½ï¿½K

Still pretty darn cold (and a far sight harder to answer than simply
stating near 0ï¿½K which was a sufficient answer in the first round).

This, of course, is simple Black Body radiator mechanics that novices in Optics would have migrated through in High School. Cecil's Photon radiator seems to need serious back-flushing.

Dare I challenge our master of Xeroxphotonimetry as to the temperature of a 10M Photon? It would seem that if you cannot compute the simple matters of heat, you are certainly the person who needs to ask "Where Does the Power Go?" :-0

Awaiting more Photonic (no, I did NOT misspell pathetic) nonsense from Cecil....

73's
Richard Clark, KB7QHC

561. Re: Blown trap??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 01:26:46 UTC
From: Tam/WB2TT <t-tammaru@c0mca$t.net>
Message-ID: <rMKdnYpgksPJOLTYnZ2dnUVZ_rWdnZ2d@comcast.com>
Source record: 51285

"Teri Buck" <k4ia@verizon.net> wrote in message
news:3pdWg.2114$9Y1.384@trndny03...
>I have a Mosley tribander with the following symptoms:
>
> SWR on 20 is 2:1 and there appears to be no pattern or it is very skewed.
> On the antenna analyzer, it is showing 100 ohm impedence. The other bands
> are operating normally.
>
> My guess it one of the 20 meter traps in the driven element has either
> roasted or a wire has come undone. That would make half the antenna too
> short on 20.
>
> Before I go up and take it down, anyone care to venture what I will find?
> I would like to be prepared so I can fix it with the least amount of
> downtime.
>
>
If that is a TA33JR, and you are running more than a few hundred W, quite
likely. I blew the 15 m trap on mine. Good thing; the Hygain TH3 I replaced
it with is better in all respects.

Tam/WB2TT

562. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 01:35:07 UTC
From: Al Klein <rukbat@pern.invalid>
Message-ID: <8i9ji2legh0n2j22gjs0odnefgf7e26hgk@4ax.com>
Source record: 51286
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 8 Oct 2006 18:17:46 -0400, "Gerry" <NoEmail@Spamblock.isp>
wrote:

>One could test using light rather than sound if the disability were auditory
>in nature. Or by feel --- with a vibrating device delivering the dits and
>dahs.

But not, as requested, by using an electronic CW reader to test
whether the testee could read the resulting Latin alphabet display.

>If one looks at the Basis and Purpose for the government licensing Amatures,
>I am not sure I see much justifcation for continuing the CW testing.

Or theory - the only valid test is a practical one to demonstrate
knowledge of operation, which has never been given, and the laws. No
one builds any more, so knowledge of the circuits inside a radio isn't
really needed. Nice if you want it, but not needed to operate.

>Though I am not sure it is the role of the FCC to do what is best for THE HOBBY.

If you look at the FCC's entire justification for the hobby, you'll
see that CW wasn't an issue once AM was invented. But knowledge of
digital modes should be tested for now. If the justification for the
hobby has anything to do with anything.

563. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 01:39:12 UTC
From: Al Klein <rukbat@pern.invalid>
Message-ID: <7t9ji25p2q4lcvko8c6sm75c0tffqs78ea@4ax.com>
Source record: 51287
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 8 Oct 2006 20:03:40 -0400, "Gerry" <NoEmail@Spamblock.isp>
wrote:

>My CW skills are always a challenge. Yet I can usually copy (<20 wpm or so)
>better than most software programs .. especially in noisy conditions QRM or
>QRN.

Now try when the signal is a few db UNDER the noise floor and you'll
see why CW is still a valid mode. (I'm sure that, as a CW operator,
you know what I mean.) How many db under the noise does a voice
signal have to be before it becomes just part of the noise? (I
believe the actual figure is 6db ABOVE the noise to be readable - that
gives CW an advantage of about 12db.)

564. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 01:46:57 UTC
From: Al Klein <rukbat@pern.invalid>
Message-ID: <d4aji2931pnunqv5oidb1sljjhqiii7e4i@4ax.com>
Source record: 51288
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 8 Oct 2006 17:57:50 -0400, "Gerry" <NoEmail@Spamblock.isp>
wrote:

>Now if by "words" you mean the collection of dits and dahs that make up an
>individual letter, I totally agree with you. One should never resort to
>counting dits and dahs. However, IMHO, the next step to recognizing words
>(ie groups of letters) comes with time and a lot of experience. I would
>also agree that until one can copy "words" by sound, that there will be a
>certain speed limit that you will not get past: For me that wall has been
>around 20 wpm or so, depending on the quality of the sent code.

That's about twice the normal wall. You may already be past it
without realizing it.

>FWIW, I have a hell of a time copying code a slow character speeds: < 10wpm
>character speed.

You remind me of when I took the CW test in Navy boot camp. My paper
consisted of Ts and Es. When the instructor challenged me, I told him
that I really couldn't copy anything under about 10, and I was more
comfortable around 30. (I was taught CW by W2RD, who could copy 65
with a pen and an ink well, and talk to you while he copied.) The
instructor took my challenge and cranked the TG34 (or Navy equivalent
- I can't recall any more) up to around 20. When he saw me yawning he
cranked it up to 30.

5 minutes of perfect copy later ...

But 1wpm (which is what they gave you after "teaching" you E, I, S, H,
T, M and O) was impossible for me. I couldn't hear the lengths of the
spaces well enough to tell where the letters ended.

565. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 02:46:04 UTC
From: Dana <raff242@yahoo.com>
Message-ID: <12ijdtc9cq0o244@corp.supernews.com>
Source record: 51289

"Richard Clark" <kb7qhc@comcast.net> wrote in message
news:560ji21t56httomvd1s7r64ae8k02t89t9@4ax.com...
> On Sun, 8 Oct 2006 13:48:53 -0800, "Dana" <raff242@yahoo.com> wrote:
>
> >> [Hint, when I taught Electronics in the Navy, my students swore I
> >> always had an "Ace-Buster" in the quiz.]
> >
> >ET or AT ratings.
>
> Hi Dana,
>
> ETN. Instructor in branches A1, A3, and A4 at Treasure Island, 1969 -
> 1972.
>
> 73's
> Richard Clark, KB7QHC, ET1 (through A5 and A6 as an ETR)

Had I been in the Navy I would have been an AT, I am a former Marine who
went through the Avionics schools in Millington. BE&E, AVA, AFTA, and C7
1980 for the first term schools, and 88 for C7

566. Tower Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 03:12:04 UTC
From: KU4YP <ku4yp@arrl.net>
Message-ID: <86jWg.11768$UG4.4060@newsread2.news.pas.earthlink.net>
Source record: 51290

hello all,

how far is reasonable to run rg-213 or beldin 9913 cable? i am probably gonna have to put the tower over 100 ft from the station. would like to hear opinions.

73 mike ku4yp

567. Re: Tower Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 04:10:56 UTC
From: Dana <raff242@yahoo.com>
Message-ID: <12ijisg8u70dk31@corp.supernews.com>
Source record: 51291

"KU4YP" <ku4yp@arrl.net> wrote in message
news:86jWg.11768$UG4.4060@newsread2.news.pas.earthlink.net...
> hello all,
>
> how far is reasonable to run rg-213 or beldin 9913 cable? i am
probably
> gonna have to put the tower over 100 ft from the station. would like to
hear
> opinions.
>
> 73 mike ku4yp
Losses for rg-213
http://www.universal-radio.com/catalog/cable/2929.html
And for 9913
http://bwccat.belden.com/ecat/pdf/9913.pdf

Question is now, how much loss you can afford.

>
>

568. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 04:14:12 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <p0kWg.3755$gM1.3057@fed1read12>
Source record: 51292
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Billy" <CB@anon> wrote in message news:c6l1a.5n4.17.1@news.alt.net...
>
>
> Don't sell your CB.
>

Plonk

569. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 04:32:13 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <hhkWg.3757$gM1.2091@fed1read12>
Source record: 51293
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"an_old_friend" <konstans@hotmail.com> wrote in message
news:1160291912.797658.82870@h48g2000cwc.googlegroups.com...

> >
> > What's the fix for it?
>
> well ADA says you and I should be allowed to take an acodated test with
> US choosing whatever accomodation we choose persnaly Id choose a code
> reader and would of course oviate the test all together. fairer still
> is stop dumbing down everyone in the service with test that greatest
> physists of the last century could not pass if they wanted to ham I
> refer to Einstain Hawkings and Dirac

Nice to be included in their company.

I would have to prove (for the FCC) that I need special accommodation.
That's not in my plans, but thanks, anyway.
>

570. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 04:56:37 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <aEkWg.3758$gM1.2391@fed1read12>
Source record: 51294
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Al Klein" <rukbat@pern.invalid> wrote in message
news:3scii2h5pbngasblg6n7agkfqhh97ove2h@4ax.com...
> On Sat, 7 Oct 2006 21:24:32 -0700, "Sal M. Onella"

> >What's the fix for it?
>
> Learn it by the sound, not by the individual element - the same way
> you'd learn any other language. See if a ham club near you has
> classes.

That's the method of Jerry Ziliac, who sends the code at 21 WPM, so that the dits and dahs become a single entity. That only worked for me for some of the characters. The only 4-element Morse I know for sure is <Q> DAH-DAH di-DAH from the mnemonic PAY-DAY to-DAY. All the rest are a jumble.
Sorry -- I failed at this enough times to know it's not hap'nin'.

571. Re: Tower Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 06:37:08 UTC
From: Charlie <charlie@ease.biz>
Message-ID: <12ijrgrgu8mor0d@corp.supernews.com>
Source record: 51295

Really depends on the operating frequency. If you can do NOT scrimp on the coax. I have several runs (over 600ft total)of Davis "Bury Flex" 9914 which has advantages over 213 and 9913 with loss figures very nearly the same as 9913 / LMR 400 hardline. It is very flexible (good for rotator loops)and can be directly buried. It is highly abrasion resistant and wildlife resistant (gnawing,chewing) and is non-contaminating. It accepts regular pl259's as well. Good luck
1. http://www.davisrf.com/ham1/coax.htm#buryflex

73,Charlie-AD5TH
www.ad5th.com

"Dana" <raff242@yahoo.com> wrote in message
news:12ijisg8u70dk31@corp.supernews.com...
>
> "KU4YP" <ku4yp@arrl.net> wrote in message
> news:86jWg.11768$UG4.4060@newsread2.news.pas.earthlink.net...
>> hello all,
>>
>> how far is reasonable to run rg-213 or beldin 9913 cable? i am
> probably
>> gonna have to put the tower over 100 ft from the station. would like to
> hear
>> opinions.
>>
>> 73 mike ku4yp
> Losses for rg-213
> http://www.universal-radio.com/catalog/cable/2929.html
> And for 9913
> http://bwccat.belden.com/ecat/pdf/9913.pdf
>
> Question is now, how much loss you can afford.
>
>>
>>
>
>
>

572. im looking for a mr richard scmitz from the hague in the netherlanmds

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 06:53:34 UTC
From: hamguy1 <hamguy1@optusnet.com.au>
Message-ID: <4529f1ec$0$5107$afc38c87@news.optusnet.com.au>
Source record: 51296
Cross-posted to: alt.satellite.tv.australasia,alt.satellite.tv.crypt,aus.tv.pay,free.uk.amateur-radio,rec.radio.amateur.antenna,rec.radio.amateur.dx,rec.radio.amateur.misc,rec.video.satellite.tvro

hi people ,im looking for a guy a good friend of mine he lives in the hague in the netherlands in europe he used to live in a small apartment not far from the hague. i sent him dvd videos from korea which at the time he was looking for as richard is a korean language teacher, i sent him 4 vhs cassetes on korean and from korean tv channels i have here still. i was wondering does anyone from around the hague know a richard scmitz please email me i need to contact him i was supposed to send him some more stuff he required i have lost his mailing address and email .if anyone from the hague or around that area im david from newcastle nsw australia .

573. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 06:56:18 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <hcrji2t21oprjgg2mdna9defg2i6j97971@4ax.com>
Source record: 51297

On Sun, 8 Oct 2006 18:46:04 -0800, "Dana" <raff242@yahoo.com> wrote:
>Had I been in the Navy I would have been an AT, I am a former Marine who
>went through the Avionics schools in Millington. BE&E, AVA, AFTA, and C7
>1980 for the first term schools, and 88 for C7

Hi Dana,

Welcome to the group. To explain the alpha-numeric soup in my reply,
I was trained in Radar Systems before being cross-trained as an
instructor in RF Communication Systems (I then migrated into Precision
RF power measurement out to 12GHz).

The first class I taught was a two week course in the theory and
maintenance for the Collins R-390. I also taught the four week course
for the Collins URC-32 (very few seen in amateur application as
KWT-6). I taught other equipment as well, but they are even more
obscure to Hams. The Collins gear was like learning to drive and
maintain a Rolls-Royce.

73's
Richard Clark, KB7QHC

574. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 07:13:06 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <5rsji2dnjo69j9523bq01df819a4feutia@4ax.com>
Source record: 51298

On Sun, 08 Oct 2006 17:59:07 -0700, Richard Clark <kb7qhc@comcast.net>
wrote:

>Dare I challenge our master of Xeroxphotonimetry as to the temperature
>of a 10M Photon? It would seem that if you cannot compute the simple
>matters of heat, you are certainly the person who needs to ask "Where
>Does the Power Go?" :-0
>

Hi All,

Pushing further down the humiliation trail, if one considers the pain
of lowering temperatures into the microKelvins, one question arises:
How?

Dare I day photons? ;-)

Those same photons to have been claimed to be the source of ALL fields
and the inspiration for electrons are used to "calm" atoms (or corral
them) so that their jitters are reduced along with temperature. Hence
we return to Cecil's inability to express photonic pressure where it
counts most (shuffling those atoms). At the jeopardy of starting more
gibbering, we have photonic tweezers that move atoms around in quantum
dots.

The next esoteric observation comes with the introduction of the
Phonon, which is a sound wave that can move through material faster
than light. That, of course, is highly qualified because phonons
migrate through far more materials than light can. Albeit that rare
distinction, the frequency of that sound commonly pushes past 10s of
Terahertz (or as low as an 80M QSO).

The Phonon (not the Photon) would be that natural progression into
"Where Does the Power Go?" but would be another fumble at the 1 inch
line with a goal-to-goal reversal.

73's
Richard Clark, KB7QHC

575. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 08:06:05 UTC
From: Dana <raff242@yahoo.com>
Message-ID: <12ik0lcnvebhqe7@corp.supernews.com>
Source record: 51299

"Richard Clark" <kb7qhc@comcast.net> wrote in message
news:hcrji2t21oprjgg2mdna9defg2i6j97971@4ax.com...
> On Sun, 8 Oct 2006 18:46:04 -0800, "Dana" <raff242@yahoo.com> wrote:
> >Had I been in the Navy I would have been an AT, I am a former Marine who
> >went through the Avionics schools in Millington. BE&E, AVA, AFTA, and C7
> >1980 for the first term schools, and 88 for C7
>
> Hi Dana,
>
> Welcome to the group. To explain the alpha-numeric soup in my reply,
> I was trained in Radar Systems before being cross-trained as an
> instructor in RF Communication Systems (I then migrated into Precision
> RF power measurement out to 12GHz).
>
> The first class I taught was a two week course in the theory and
> maintenance for the Collins R-390. I also taught the four week course
> for the Collins URC-32 (very few seen in amateur application as
> KWT-6). I taught other equipment as well, but they are even more
> obscure to Hams. The Collins gear was like learning to drive and
> maintain a Rolls-Royce.

I was an I level DECM tech.
I maintained the ALQ126, countermeasure system, the ALR 45, 50, and 67,
receivers and pulse analyzer, the USM 406, flight line test set, the box
that helped the O level guys sweep the lines and verify the ew equipment,
and the ALM 106 test bench, one of the first automatic test benches made,
and its replacement the USM 458. I was assigned to an A6 squadron, that
swapped out a few years before I got out to FA18's, but I was detailed out
to support them via the IMA shop.

I went into comm, when I got out, worked for a Motorola service shop
maintaing smartnet trunking systems, as well as conventional repeaters and
systems, then went over to Nextel as a cell site tech/performance engineer,
and then over to VoiceStream as a switch tech and performance engineer.

I see that guy has not answered yet about the temp, that thread is kind opf
amusing.

>
> 73's
> Richard Clark, KB7QHC

576. Re: Tower Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 11:24:26 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1160393066.293544.210620@c28g2000cwb.googlegroups.com>
Source record: 51300

I have coax runs over a thousand feet... Stop analyzing and just do
it!

denny

577. Re: Joining galvanised wire mesh (chicken wire) ground plane

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 11:32:23 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1160393543.922150.196740@e3g2000cwe.googlegroups.com>
Source record: 51301

Continue to use the radials on top of the roof... Install the mesh under the roof (attic I assume) and lap it over the rafters and just twist the free ends to each other so that the mesh is relatively one piece... Don't bother with solder.. Don't waste your time connecting the radials to the mesh... The radials will couple with the mesh electromagnetically...

If you are planning on putting the mesh out on the roof (I would not because it will rust and disintegrate in just a few years.) It has to go underneath the radials, not over them... Again, do not mechanically connect the radials to the steel... Just the proximity will couple them... Think twice about putting the mesh outside... You will have a nasty mess very soon...

denny / k8do

578. Two Meter FM Wire Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 12:25:34 UTC
From: N3 <N3isme@gmail.com>
Message-ID: <1160396734.312188.171740@k70g2000cwa.googlegroups.com>
Source record: 51302

Because of restrictions i am unable to put up a two meter fm vertical antenna. What is the feasability of putting up a random or long wire antenna for the two meter fm band? Doing a Google search i could not find any information concerning the above. Any assistance would be appreciated. Thank You.

579. Re: Two Meter FM Wire Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 12:51:04 UTC
From: gsm@mendelson.com
Message-ID: <slrneikh7k.ik3.gsm@cable.mendelson.com>
Source record: 51303

N3 wrote:
> Because of restrictions i am unable to put up a two meter fm vertical
> antenna. What is the feasability of putting up a random or long wire
> antenna for the two meter fm band? Doing a Google search i could not
> find any information concerning the above. Any assistance would be
> appreciated. Thank You.

You can try several thinks. One is a J-Pole antenna, if you have enough room.
It can be made from clear twin lead, like the kind that come with FM stereo
systems.

Another choice would be a dipole. Two 19 inch pieces of wire will do fine.

Using the right thickness of wire and small enough coax would make it almost
impossible to see.

Due to the polarization issue, a horizontal wire is not very usefull

You can also find if you look around a base for a "rubber duckie" type antenna
that has a suction cup. You use it to put mount your antenna on a window
while you are using it.

73,

Geoff.

--
Geoffrey S. Mendelson, Jerusalem, Israel gsm@mendelson.com N3OWJ/4X1GM
IL Voice: (07)-7424-1667 Fax ONLY: 972-2-648-1443 U.S. Voice: 1-215-821-1838
Visit my 'blog at http://geoffstechno.livejournal.com/

580. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 12:55:59 UTC
From: Gerry <NoEmail@Spamblock.isp>
Message-ID: <JuqdnQ6EcYlO27fYnZ2dnUVZ_vSdnZ2d@giganews.com>
Source record: 51304
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Al Klein" <rukbat@pern.invalid> wrote in message
news:8i9ji2legh0n2j22gjs0odnefgf7e26hgk@4ax.com...
> On Sun, 8 Oct 2006 18:17:46 -0400, "Gerry" <NoEmail@Spamblock.isp>
> wrote:
>

>
> Or theory - the only valid test is a practical one to demonstrate
> knowledge of operation, which has never been given, and the laws. No
> one builds any more,

While not as central to the hobby as it was in the 50's and 60's. There are
a lot of builders out there. Elecraft have thousands of radios out there.
I am sure the Norcal series radios number in the many of thousands.
Personnaly I have e K1, K2, (KX1 on order) and a Norcal 40M in addition to
an ICOM on KF.

> so knowledge of the circuits inside a radio isn't
> really needed. Nice if you want it, but not needed to operate.

Circuit knowledge hasn't been NECESSARY for decades. Most kit radios of the
50's (I build some Heathkits ,myself as a kid and helped my Dad with a few
large projects) had excellent instructions.

.

581. Re: im looking for a mr richard scmitz from the hague in the netherlanmds

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 13:41:06 UTC
From: %20 <pobox_87@yahoo.com.au>
Message-ID: <452a5167$0$94322$c30e37c6@ken-reader.news.telstra.net>
Source record: 51305
Cross-posted to: alt.satellite.tv.australasia,alt.satellite.tv.crypt,aus.tv.pay,free.uk.amateur-radio,rec.radio.amateur.antenna,rec.radio.amateur.dx,rec.radio.amateur.misc,rec.video.satellite.tvro

"hamguy1" <hamguy1@optusnet.com.au> wrote in message
news:4529f1ec$0$5107$afc38c87@news.optusnet.com.au...
> hi people ,im looking for a guy a good friend of mine he lives in the
> hague in the netherlands in europe he used to live in a small apartment
> not far from the hague. i sent him dvd videos from korea which at the time
> he was looking for as richard is a korean language teacher, i sent him 4
> vhs cassetes on korean and from korean tv channels i have here still. i
> was wondering does anyone from around the hague know a richard scmitz
> please email me i need to contact him i was supposed to send him some more
> stuff he required i have lost his mailing address and email .if anyone
> from the hague or around that area im david from newcastle nsw australia .
He lives down the road from me. Give me your phone number and I'll pass it
on.

582. Re: Joining galvanised wire mesh (chicken wire) ground plane

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 14:17:24 UTC
From: ferrymanr <richardferryman@btinternet.com>
Message-ID: <KuudnU1jI9dlxLfYRVnyjw@bt.com>
Source record: 51306

"Denny" <k8do@mailblocks.com> wrote in message
news:1160393543.922150.196740@e3g2000cwe.googlegroups.com...
> Continue to use the radials on top of the roof... Install the mesh
> under the roof (attic I assume) and lap it over the rafters and just
> twist the free ends to each other so that the mesh is relatively one
> piece... Don't bother with solder.. Don't waste your time connecting
> the radials to the mesh... The radials will couple with the mesh
> electromagnetically...
>
> If you are planning on putting the mesh out on the roof (I would not
> because it will rust and disintegrate in just a few years.) It has to
> go underneath the radials, not over them... Again, do not mechanically
> connect the radials to the steel... Just the proximity will couple
> them... Think twice about putting the mesh outside... You will have a
> nasty mess very soon...
>
> denny / k8do
>

Thanks Denny but unfortunately the flat roof has no access under. As far as
I can judge the ceilings have about a foot of insulation and beams above
then (probably) timber and is covered in several layers of heavy duty
bitumen based roofing material. The mesh will have to go on top as I think
the XYL would complain if I stapled it to the lounge ceiling.
The chicken wire will have a secondary function of deterring the large
number of seagulls that plague the town (Dover) :-)
Dick G4BBH

583. Re: Blown trap??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 15:56:18 UTC
From: Mosley Electronics <mosley@mosley-electronics.com>
Message-ID: <1160409378.411448.205880@i3g2000cwc.googlegroups.com>
Source record: 51307

Teri Buck wrote:
> I have a Mosley tribander with the following symptoms:
>
> SWR on 20 is 2:1 and there appears to be no pattern or it is very skewed.
> On the antenna analyzer, it is showing 100 ohm impedence. The other bands
> are operating normally.
>
> My guess it one of the 20 meter traps in the driven element has either
> roasted or a wire has come undone. That would make half the antenna too
> short on 20.
>
> Before I go up and take it down, anyone care to venture what I will find? I
> would like to be prepared so I can fix it with the least amount of downtime.

Dear Mr. Buck,

Which Mosley do you have? Check 15 meters as well. It could be the
outboard coil on that radiator. 20 meters is not trapped but a
summation of the entire element. Please feel free to call 636-583-8595
for further assistance.

73,

Gary
Mosley Electronics, Inc.

584. Re: Tower Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 15:57:28 UTC
From: Charlie <charlie@ease.biz>
Message-ID: <12iksbhlq2frj99@corp.supernews.com>
Source record: 51308

That is bad advice

73,Charlie-AD5TH
www.ad5th.com

"Denny" <k8do@mailblocks.com> wrote in message
news:1160393066.293544.210620@c28g2000cwb.googlegroups.com...
>I have coax runs over a thousand feet... Stop analyzing and just do
> it!
>
> denny
>
>

585. Re: Tower Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 16:22:16 UTC
From: Ed <Huckleberry_REMOVE_@bigvalley.net>
Message-ID: <Xns98575FD3A8238spectrumhogstarbandn@198.186.192.196>
Source record: 51309

Not necessarily, if he is just operating on 160M and 75M, and maybe
even 40M ... and if his distant antenna location is enhanced over what
he could obtain closer.

Ed K7AAT

"Charlie" <charlie@ease.biz> wrote in news:12iksbhlq2frj99
@corp.supernews.com:

> That is bad advice
>
> 73,Charlie-AD5TH
> www.ad5th.com
>
>
> "Denny" <k8do@mailblocks.com> wrote in message
> news:1160393066.293544.210620@c28g2000cwb.googlegroups.com...
>>I have coax runs over a thousand feet... Stop analyzing and just do
>> it!
>>
>> denny
>>
>>
>
>

586. Re: Joining galvanised wire mesh (chicken wire) ground plane

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 17:03:15 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1160413395.664251.244140@i42g2000cwa.googlegroups.com>
Source record: 51310

Dick, the usual galvanised, chicken wire available in the USA is good for 3 seasons near the ocean, tops... Then they turn into rust balls... Unless your chicken farmers there near the coast have better materials available I would be wary...
The gulls that hang around my boat will stand on anything, I doubt that chicken wire would bother them... I also doubt that putting the mesh on the roof will make a major improvement in signal strength, especially if it is above the radials... First your radials are already elevated above the ground a significant fraction of a wave which reduces ground losses... Putting your money/energy into having 6 or 8 quarter wave radials for each band is more likely to show a better result...

cheers ... denny / k8do

587. Re: Tower Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 17:05:10 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1160413510.109756.49280@h48g2000cwc.googlegroups.com>
Source record: 51311

Yeah, I automatically jumped to the conclusion that on this group he is talking HF... My answer would be different for vhf/uhf...

denny / k8do

588. Re: Two Meter FM Wire Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 17:11:44 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1160413904.761607.212960@i3g2000cwc.googlegroups.com>
Source record: 51312

A vee beam or rhombic set up would give you impressive gain, albeit with a narrow beamwidth... All the factors would have to be right... I won't take the time to do the search for you, but 'try vhf rhombic' for starting a search... Older ARRL VHF antenna books address this issue...

If you can run a wire out the window, you can run a rope.. Think about a homebrew, long boom Quagi/Yagi, but with the elements vertical... Again, what directions are available to you... Also a broadside array could be suspended from a rope for directions opposite the direction of the rope...

denny / k8do

589. Re: im looking for a mr richard scmitz from the hague in the netherlanmds

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 17:22:32 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <a81li299g1phh8gfg82ajprchd5fspb6nj@4ax.com>
Source record: 51313
Cross-posted to: alt.satellite.tv.australasia,alt.satellite.tv.crypt,aus.tv.pay,free.uk.amateur-radio,rec.radio.amateur.antenna,rec.radio.amateur.dx,rec.radio.amateur.misc,rec.video.satellite.tvro

On Mon, 9 Oct 2006 23:41:06 +1000, "%20" <pobox_87@yahoo.com.au>
wrote:

>
>"hamguy1" <hamguy1@optusnet.com.au> wrote in message
>news:4529f1ec$0$5107$afc38c87@news.optusnet.com.au...
>> hi people ,im looking for a guy a good friend of mine he lives in the
>> hague in the netherlands in europe he used to live in a small apartment
>> not far from the hague. i sent him dvd videos from korea which at the time
>> he was looking for as richard is a korean language teacher, i sent him 4
>> vhs cassetes on korean and from korean tv channels i have here still. i
>> was wondering does anyone from around the hague know a richard scmitz
>> please email me i need to contact him i was supposed to send him some more
>> stuff he required i have lost his mailing address and email .if anyone
>> from the hague or around that area im david from newcastle nsw australia .
>He lives down the road from me. Give me your phone number and I'll pass it
>on.
>
Are you sure he doesn't live in your bedroom with you? Afterall,
questioner and responder is writing to us from the same place. Check
your closet or look under your bed!

590. Re: Two Meter FM Wire Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 18:19:29 UTC
From: Dale Parfitt <par@parelectronics.com>
Message-ID: <RowWg.4591$W35.3083@trnddc06>
Source record: 51314

"Denny" <k8do@mailblocks.com> wrote in message
news:1160413904.761607.212960@i3g2000cwc.googlegroups.com...
>A vee beam or rhombic set up would give you impressive gain, albeit
> with a narrow beamwidth... All the factors would have to be right...
> I won't take the time to do the search for you, but 'try vhf rhombic'
> for starting a search... Older ARRL VHF antenna books address this
> issue...
>
> If you can run a wire out the window, you can run a rope.. Think about
> a homebrew, long boom Quagi/Yagi, but with the elements vertical...
> Again, what directions are available to you... Also a broadside array
> could be suspended from a rope for directions opposite the direction of
> the rope...
>
> denny / k8do
>
Of what use is a directional antenna on 2M if you cannot rotate it?

Dale W4OP

591. Re: Tower Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 18:20:33 UTC
From: Dale Parfitt <par@parelectronics.com>
Message-ID: <RpwWg.4594$W35.792@trnddc06>
Source record: 51315

"KU4YP" <ku4yp@arrl.net> wrote in message
news:86jWg.11768$UG4.4060@newsread2.news.pas.earthlink.net...
> hello all,
>
> how far is reasonable to run rg-213 or beldin 9913 cable? i am probably
> gonna have to put the tower over 100 ft from the station. would like to
> hear opinions.
>
> 73 mike ku4yp
>
>Impossible to tell if we don't know the frequencies you will be operating
>on.
Dale W4OP

592. Re: Two Meter FM Wire Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 18:53:37 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <jb6li2hqv9f9lkd9eoum76t9f07dijsu89@4ax.com>
Source record: 51316

```
On Mon, 09 Oct 2006 18:19:29 GMT, "Dale Parfitt"
<par@parelectronics.com> wrote:
>"Denny" <k8do@mailblocks.com> wrote in message
>news:1160413904.761607.212960@i3g2000cwc.googlegroups.com...
>>A vee beam or rhombic set up would give you impressive gain, albeit
>> with a narrow beamwidth... All the factors would have to be right...
>> I won't take the time to do the search for you, but 'try vhf rhombic'
>> for starting a search... Older ARRL VHF antenna books address this
>> issue...
>>
>Of what use is a directional antenna on 2M if you cannot rotate it?
>
>Dale W4OP

Hi Dale,

I couldn't resist.

If you make the rhombic with stretchable mounting points (and do not
load the end of the rhombic, so as to make it bi-directional) you can
change the major axis. This would alter EW to NS, and, I bet, if you
didn't stretch it strictly to the typical elongated axis (the major
axis) you would probably fill in the lobes in between.

However, this (admittedly rube Goldberg design) and the original
suggestion of a rhombic seems prohibitive in a neighborhood already
far too sensitive to even a quarterwave vertical.

73's
Richard Clark, KB7QHC
```

593. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 19:54:27 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <5o9li29v2id889v1t7bn7sndaqt188sv3g@4ax.com>
Source record: 51317

On Mon, 9 Oct 2006 00:06:05 -0800, "Dana" <raff242@yahoo.com> wrote:

>I see that guy has not answered yet about the temp

Hi Dana,

It was a sucker punch anyway. Cecil doesn't have the experience in optics to answer it with any particular immediacy or accuracy, nor do 99% of those in this group (lurkers excluded). I've got an extensive career in the field that includes 5 patents in photonic applications. I've also designed a number of proprietary photonic devices that measure blood-gas chemistry, O2 saturation, pH, and the Stroud Moment (as it relates to mental acuity through visual testing).

73's
Richard Clark, KB7QHC

594. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 22:53:23 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <egekir$r6c$1@news.service.uci.edu>
Source record: 51318

Richard Clark wrote:

> On Mon, 9 Oct 2006 00:06:05 -0800, "Dana" <raff242@yahoo.com> wrote:
>
>
>>I see that guy has not answered yet about the temp
>
>
> Hi Dana,
>
> It was a sucker punch anyway. Cecil doesn't have the experience in
> optics to answer it with any particular immediacy or accuracy, nor do
> 99% of those in this group (lurkers excluded). I've got an extensive
> career in the field that includes 5 patents in photonic applications.
> I've also designed a number of proprietary photonic devices that
> measure blood-gas chemistry, O2 saturation, pH, and the Stroud Moment
> (as it relates to mental acuity through visual testing).
>
> 73's
> Richard Clark, KB7QHC

Richard,

In the interest of fairness, Cecil said he would be taking a
motorcycle trip over the long weekend.

At 3 MHz I get 144 micro Kelvin by multiplying frequency by Planck's
constant and dividing by Boltzman's. My daughter had a similar
problem in her High School freshman Earth Science class a few weeks ago.

It might not be entirely fair to translate a lack of response to a
lack of ability. There are other factors as well, among them being
lack of even the slightest amount of interest, and difficulty
deciphering what the heck you are talking about from one moment to the
next. ;-)

73, Jim AC6XG

595. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-09 23:48:51 UTC
From: N7ZZT - Eric Oyen <n7zzt@127.0.0.1>
Message-ID: <1452206.SEJ5tXt7gs@www.usenetzone.com>
Source record: 51319
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Gerry wrote:

>> so knowledge of the circuits inside a radio isn't
>> really needed. Nice if you want it, but not needed to operate.
>
> Circuit knowledge hasn't been NECESSARY for decades. Most kit radios of
> the 50's (I build some Heathkits ,myself as a kid and helped my Dad with a
> few large projects) had excellent instructions.

They had those well into the 1980's. man I really do miss those.

I have built more than my fair share of kit radios over the last couple of decades (its even more fun trying to build them by braille). its still an excellent learning experience (there is always going to come a time when being able to use a soldering iron will be helpful in repars).

596. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 00:13:41 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <sdmli2t4ofjur30t8m3b48atbnci3ffjt4@4ax.com>
Source record: 51320

On Mon, 09 Oct 2006 15:53:23 -0700, Jim Kelley <jwkelley@uci.edu>
wrote:

>Richard,
>
>In the interest of fairness, Cecil said he would be taking a
>motorcycle trip over the long weekend.
>
>At 3 MHz I get 144 micro Kelvin by multiplying frequency by Planck's
>constant and dividing by Boltzman's. My daughter had a similar
>problem in her High School freshman Earth Science class a few weeks ago.
>
>It might not be entirely fair to translate a lack of response to a
>lack of ability.
>
>73, Jim AC6XG

Hi Jim,

Fairness counts, to be sure. Reputation informs us all otherwise. I
am not responsible for Cecil's reputation, so impugning an opponent is
a matter of local custom.

114 micro Kelvin certainly falls within the parameters of the question
offered. I dare say Cecil would have been silent on the specific
matter, irrespective of his recreational activity.

As for the specific difference between you and your daughter's
computation, I use the Wien Displacement Law. It, too, employs the
method you describe (albeit with Boltzmann's constant divided by
Planck's constant instead as it is frequency not wavelength
descriptive), and with an additional constant of multiplication
(2.8214). By this method, your 144 micro Kelvins represents 8.466 MHz
for the peak wavelength.

>There are other factors as well, among them being
>lack of even the slightest amount of interest

The nature of posting to the group satisfies that quite simply: folks
move on or become part of the thread. That has been adequately
demonstrated here.

>and difficulty
>deciphering what the heck you are talking about from one moment to the
>next. ;-)

Barring calls for specific explanation, I always treat such whining
for what it is. Clearly you are neither whining, nor
ignorant/disinterested in the topic. I take it for granted there are
a multitude of others who choose to remain silent, but not uninformed.
Most will take notice I did not open the door of this side-thread, but
having crossed the threshold, I command the topic.

73's
Richard Clark, KB7QHC

597. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 00:21:58 UTC
From: Gene Fuller <W4SZzzzzzz@att.net>
Message-ID: <GIBWg.233960$QM6.64616@bgtnsc05-news.ops.worldnet.att.net>
Source record: 51321

Richard Clark wrote:

>
> 114 micro Kelvin certainly falls within the parameters of the question
> offered. I dare say Cecil would have been silent on the specific
> matter, irrespective of his recreational activity.
>
> As for the specific difference between you and your daughter's
> computation, I use the Wien Displacement Law. It, too, employs the
> method you describe (albeit with Boltzmann's constant divided by
> Planck's constant instead as it is frequency not wavelength
> descriptive), and with an additional constant of multiplication
> (2.8214). By this method, your 144 micro Kelvins represents 8.466 MHz
> for the peak wavelength.

Richard,

To be a bit fussy, the temperature of a photon is not defined. Only a distribution of photon energies can be defined with a temperature (sometimes). Assuming a standard blackbody model, your answer is correct of course.

Perhaps Cecil was trying to recall the formula for the temperature of a single photon. He might be looking for a while.

73,
Gene
W4SZ

598. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 00:46:36 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <7sqli2lgke9pt8v3cvqdbrfamoabgtu537@4ax.com>
Source record: 51322

On Tue, 10 Oct 2006 00:21:58 GMT, Gene Fuller <W4SZzzzzzz@att.net>
wrote:

>To be a bit fussy, the temperature of a photon is not defined. Only a
>distribution of photon energies can be defined with a temperature
>(sometimes). Assuming a standard blackbody model, your answer is correct
>of course.

Hi Gene,

Fussy is the name of the game here in this forum; and fussy will
ultimately dominate; hence I defer to your amplification. I suggested
a black body model late in the game certainly, and only through
allusion to the frequency of the peak wavelength.

>Perhaps Cecil was trying to recall the formula for the temperature of a
>single photon. He might be looking for a while.

Ah! Fussiness has been replaced with abundant generosity. Myself, I
consider it misplaced. I would think he could summon up the dominant
wavelength of a Xerox lamp and correlate it to toner responsivity.

73's
Richard Clark, KB7QHC

599. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 01:08:35 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <noCWg.12114$UG4.6143@newsread2.news.pas.earthlink.net>
Source record: 51323
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Sal M. Onella" <salmonella@food.poisoning.org> wrote in
news:aEkWg.3758$gM1.2391@fed1read12:

>
> "Al Klein" <rukbat@pern.invalid> wrote in message
> news:3scii2h5pbngasblg6n7agkfqhh97ove2h@4ax.com...
>> On Sat, 7 Oct 2006 21:24:32 -0700, "Sal M. Onella"
>
>> >What's the fix for it?
>>
>> Learn it by the sound, not by the individual element - the same way
>> you'd learn any other language. See if a ham club near you has
>> classes.
>
> That's the method of Jerry Ziliac, who sends the code at 21 WPM, so that
> the dits and dahs become a single entity. That only worked for me for
> some of the characters. The only 4-element Morse I know for sure is <Q>
> DAH-DAH di-DAH from the mnemonic PAY-DAY to-DAY. All the rest are a
> jumble.
> Sorry -- I failed at this enough times to know it's not hap'nin'.

Here's an idea.

Maybe if you relay your messages through Markie and he relays his
messages through you, the mistakes will cancel out and your messages
will make sense to the rest of us. Just an idea.

SC

600. It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 01:08:41 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <toCWg.12118$UG4.1068@newsread2.news.pas.earthlink.net>
Source record: 51324
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

If an amateur had to relay a through a country and the amateurs didn't know each other language they still could have passed it by CW and the message could have been delivered to someone that could read it. Not no more.

When things start failing communication wise worldwide, amateur radio might be all there is to relay messages, and the ITU just removed one of the legs of a three leg stool.

SC

601. Re: It's amazing what people will say to try to justify dumbing down Amateur Radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 01:08:42 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <uoCWg.12119$UG4.5665@newsread2.news.pas.earthlink.net>
Source record: 51325
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

k4yz_05@yahoo.com wrote in
news:1160392657.932021.251780@m7g2000cwm.googlegroups.com:

>
> Cecil Moore wrote:
>> Slow Code wrote:
>> > It's funny, and most telling. The no-code hams have everything over
>> > 30 MHz, but it's the code hams that are the one's moving ham radio
>> > forward and doing anything technical wise.
>>
>> If that's true, it's certainly a change from half a
>> century ago when we HF hams observed the VHF/UHF
>> hams revolutionizing amateur radio with their
>> technical expertise.
>
> Uhhhhhhhh...Cecil...??!?!
>
> Did you actually make that up, or just quote someone else who is
> equally ill informed?
>
> Most of the people who were "moving forward" half a century ago
> were ALSO folks who were active on and well known in HF circles...
>
> Unless, of course, you're now going to take Lennie's spin and tell
> us that any / everything reported in QST, CQ, etc, was only
> "self-serviing rhetoric"...?!?!
>
> Try again.
>
> Steve, K4YZ

Anyone that puts out an argument to keep the code requirement gets teased
by Cecil. He loves to throw out some goof-ball counter reply to try to
be-little the original argument.

SC

602. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 01:30:17 UTC
From: Charlie <charlie@ease.biz>
Message-ID: <12ilttjeqqnov5a@corp.supernews.com>
Source record: 51326
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

No kidding "Chicken Little?"

Charlie-AD5TH (20wpm Extra Class-1995)
www.ad5th.com

"Slow Code" <my.mail@no.spam> wrote in message
news:toCWg.12118$UG4.1068@newsread2.news.pas.earthlink.net...
> If an amateur had to relay a through a country and the amateurs didn't
> know each other language they still could have passed it by CW and the
> message could have been delivered to someone that could read it. Not no
> more.
>
> When things start failing communication wise worldwide, amateur radio
> might be all there is to relay messages, and the ITU just removed one of
> the legs of a three leg stool.
>
> SC
>

603. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 01:36:22 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <egeu7o$4dd$1@news.service.uci.edu>
Source record: 51328

Richard Clark wrote:

> On Tue, 10 Oct 2006 00:21:58 GMT, Gene Fuller <W4SZzzzzzz@att.net>
> wrote:
>
>
>>To be a bit fussy, the temperature of a photon is not defined. Only a
>>distribution of photon energies can be defined with a temperature
>>(sometimes). Assuming a standard blackbody model, your answer is correct
>>of course.
>
>
> Hi Gene,
>
> Fussy is the name of the game here in this forum; and fussy will
> ultimately dominate; hence I defer to your amplification. I suggested
> a black body model late in the game certainly, and only through
> allusion to the frequency of the peak wavelength.

And I assumed we were talking the energy of the photon.

By the way Richard, Wein's Law? We've long since learned that energy is quantized. E=hv That's how much energy is in a single photon at frequency v. (At least, that's what Einstein thought.) No fudging needed!

73, Jim AC6XG

604. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 01:37:23 UTC
From: Al Klein <rukbat@pern.invalid>
Message-ID: <5ltli21ct6tc09cjd11hm6u2162s90scdc@4ax.com>
Source record: 51327
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Mon, 9 Oct 2006 08:55:59 -0400, "Gerry" <NoEmail@Spamblock.isp>
wrote:

>"Al Klein" <rukbat@pern.invalid> wrote in message
>news:8i9ji2legh0n2j22gjs0odnefgf7e26hgk@4ax.com...
>> On Sun, 8 Oct 2006 18:17:46 -0400, "Gerry" <NoEmail@Spamblock.isp>
>> wrote:

>> Or theory - the only valid test is a practical one to demonstrate
>> knowledge of operation, which has never been given, and the laws. No
>> one builds any more,

>While not as central to the hobby as it was in the 50's and 60's. There are
>a lot of builders out there.

There are a lot of CW operators out there too. "A lot of ... out
there" doesn't seem to be the current criterion, does it? :)

Which is the point I was making - if we eliminate everything we don't
actually need for operation, the only things left are the laws and a
demonstration that we know how to flip the switch. Which would
probably suit the "let's eliminate the code entirely" crowd just fine.

>> so knowledge of the circuits inside a radio isn't
>> really needed. Nice if you want it, but not needed to operate.

>Circuit knowledge hasn't been NECESSARY for decades. Most kit radios of the
>50's (I build some Heathkits ,myself as a kid and helped my Dad with a few
>large projects) had excellent instructions.

But getting them to operate properly (except for that fiasco of a 2
meter transceiver they put out - the one that doubled as an aircraft
transmitter) took at least some little bit of knowledge. It was
really something that you could completely align a (then) modern color
TV set with nothing more than the parts in the kit (and you could
align it almost as well with them as you could with a shop full of
test equipment - I checked a few of them), but for most of the ham
gear you had to have some idea of how the circuits operated to get
them working really well. Not an engineering degree, but a little
more than the "theory" on the novice test.

(Granted, if a legally blind person could build a transmitter - K2TCF
built his Apache after he lost his visual acuity - and get it working
well, the Benton Harbor gang knew what they were doing.)

605. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 01:58:01 UTC
From: john <john@nospam.net>
Message-ID: <tfvli2573lntom7vep0c11db0m2j0kvffe@4ax.com>
Source record: 51329
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Dont top post. Blow Code hates that!

On Mon, 9 Oct 2006 20:30:17 -0500, "Charlie" <charlie@ease.biz> wrote:

>No kidding "Chicken Little?"
>
>Charlie-AD5TH (20wpm Extra Class-1995)
>www.ad5th.com
>
>
>
>"Slow Code" <my.mail@no.spam> wrote in message
>news:toCWg.12118$UG4.1068@newsread2.news.pas.earthlink.net...
>> If an amateur had to relay a through a country and the amateurs didn't
>> know each other language they still could have passed it by CW and the
>> message could have been delivered to someone that could read it. Not no
>> more.
>>
>> When things start failing communication wise worldwide, amateur radio
>> might be all there is to relay messages, and the ITU just removed one of
>> the legs of a three leg stool.
>>
>> SC
>>
>

606. Re: It's amazing what people will say to try to justify dumbing down Amateur Radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 02:02:17 UTC
From: Opus- <jbuchy@shaw.ca>
Message-ID: <iovli2lg2oiscbvcg0ej0eq723cpithf94@4ax.com>
Source record: 51330
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

```
On Tue, 10 Oct 2006 01:08:42 GMT, Slow Code <my.mail@no.spam> spake
thusly:

>k4yz_05@yahoo.com wrote in
>news:1160392657.932021.251780@m7g2000cwm.googlegroups.com:
>
>>
>> Cecil Moore wrote:
>>> Slow Code wrote:
>>> > It's funny, and most telling. The no-code hams have everything over
>>> > 30 MHz, but it's the code hams that are the one's moving ham radio
>>> > forward and doing anything technical wise.
>>>
>>> If that's true, it's certainly a change from half a
>>> century ago when we HF hams observed the VHF/UHF
>>> hams revolutionizing amateur radio with their
>>> technical expertise.
>>
>> Uhhhhhhhh...Cecil...??!?!
>>
>> Did you actually make that up, or just quote someone else who is
>> equally ill informed?
>>
>> Most of the people who were "moving forward" half a century ago
>> were ALSO folks who were active on and well known in HF circles...
>>
>> Unless, of course, you're now going to take Lennie's spin and tell
>> us that any / everything reported in QST, CQ, etc, was only
>> "self-serviing rhetoric"...?!?!
>>
>> Try again.
>>
>> Steve, K4YZ
>
>
>Anyone that puts out an argument to keep the code requirement gets teased
>by Cecil. He loves to throw out some goof-ball counter reply to try to
>be-little the original argument.

Pot, meet kettle.
--
Opus62@gmail.com
(Jim, single dad to Lesleigh [Autistic] 04/20/94)
```

"What, Me Worry?" A. E. Newman

Please note: All unsolicited e-mail sent to me may, at
my discretion, be posted in this newsgroup verbatim.

607. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 03:19:30 UTC
From: Charlie <charlie@ease.biz>
Message-ID: <12im4ad35ign6ab@corp.supernews.com>
Source record: 51331
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

What do you mean don't top post???eh??

And why does anyone care anything about some twit named blowcode??

Charlie-AD5TH (20wpm ExtraClass-1995)
www.ad5th.com

"john" <john@nospam.net> wrote in message
news:tfvli2573lntom7vep0c11db0m2j0kvffe@4ax.com...
> Dont top post. Blow Code hates that!
>
>
>
> On Mon, 9 Oct 2006 20:30:17 -0500, "Charlie" <charlie@ease.biz> wrote:
>
>>No kidding "Chicken Little?"
>>
>>Charlie-AD5TH (20wpm Extra Class-1995)
>>www.ad5th.com
>>
>>
>>
>>"Slow Code" <my.mail@no.spam> wrote in message
>>news:toCWg.12118$UG4.1068@newsread2.news.pas.earthlink.net...
>>> If an amateur had to relay a through a country and the amateurs didn't
>>> know each other language they still could have passed it by CW and the
>>> message could have been delivered to someone that could read it. Not no
>>> more.
>>>
>>> When things start failing communication wise worldwide, amateur radio
>>> might be all there is to relay messages, and the ITU just removed one of
>>> the legs of a three leg stool.
>>>
>>> SC
>>>
>>
>
>

608. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 07:20:22 UTC
From: charlie <wehatespam@wymsey.co.uk>
Message-ID: <xZadnQoTtKws1LbYRVnytw@pipex.net>
Source record: 51332

```
-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

Slow Code wrote:
<SNIP>
<PLONK>

Charlie.

- --
www.wymsey.co.uk
-----BEGIN PGP SIGNATURE-----
Version: GnuPG v1.4.2 (GNU/Linux)
Comment: Using GnuPG with SUSE - http://enigmail.mozdev.org

iD8DBQFFK0m2fhKqaKFAJ/YRAtxkAJ4g73R471BgOmfLlSt07I1MWKXkfACgnawZ
uLqEP7JmT9qByXy0rjfOkRQ=
=2j7k
-----END PGP SIGNATURE-----
```

609. Re: Why is copper better than steel for wire antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 07:27:34 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12imir75b8cq7c7@corp.supernews.com>
Source record: 51333

Either you didn't read the remainder of what I wrote, or I failed to explain it clearly.

I was speaking of antennas of a constant length in terms of wavelength as frequency is changed, for example half wavelength dipoles.

If you cut the frequency in half, the skin depth increases by a factor of the square root of two, so (assuming a conductor at least several skin depths in radius) the resistivity decreases by the square root of two. But to maintain a constant antenna length in terms of wavelength, the wire length doubles. So the total wire resistance at the lower frequency is greater by a factor of the square root of two. In other words, if you make two half wavelength dipoles out of the same diameter and kind of wire, and cut one for 1 MHz and the other for 2 MHz, the 1 MHz dipole will have about 1.4 times the resistance of the 2 MHz one. That's why you're more likely to see the loss of steel wire in lower frequency antennas.

Roy Lewallen, W7EL

Richard Harrison wrote:
> Roy, W7EL wrote:
> "---the loss with a given wire size gets greater as you go lower in
> frequency,---.
>
> Effective resistance to r.f, is approximately proportional to the square
> root of the frequency due to "skin effect" as Roy mentioned in
> describing how current penetrates the conductor less completelty due to
> inductance deeper in the wire. So, loss is greater at higher frequency
> due to reduced effective cross-section in the wire. Conversely, the loss
> with a given wire size gets lower as you go down in frequency.
>
> Best regards, Richard Harrison, KB5WZI
>

610. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 07:32:46 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <63hmi2pj6jdmtcn4h3hc45boaom7kgi9om@4ax.com>
Source record: 51334

On Mon, 09 Oct 2006 18:36:22 -0700, Jim Kelley <jwkelley@uci.edu>
wrote:

>By the way Richard, Wein's Law?

Hi Jim,

And yet he won the 1911 Nobel Prize for the law. He also discovered
what was to be called the Proton. How quickly fame fades....

>We've long since learned that energy
>is quantized. E=hv That's how much energy is in a single photon at
>frequency v.

Yes, Wien's law was inappropriate for low frequency application
(meaning your daughter's computation is closer, by the factor I
offered, if not exact). His law was based on observational data for
very much shorter wavelengths. My studies generally confine
themselves well above 0ï¿½K, probably 2 or 3 degrees to a few hundred.
That is why I was initially satisfied with order of magnitude
accuracy.

> (At least, that's what Einstein thought.) No fudging
>needed!

Actually, Planck's explanation anticipated Einstein's photons by five
years. Further, he also corrected the massive errors of frequency vs.
power in what is called the Ultraviolet catastrophe. This was the
presumption that a Black body radiator emits energy with a
proportionality to frequency - a classical solution that yields
astronomic photonic power output at short wavelengths. I thought I
had dodged that bullet with my Wien's Displacement law spread sheet.
My focus is more oriented towards Phonon interactions.

To return to Gene's comment about the underlying presumption of Black
body radiation (perfectly correct), Planck's solution to the
Ultraviolet catastrophe was to describe Black body radiation as a
composite emission of many resonating cavities (which returns us to
single source Photons).

73's
Richard Clark, KB7QHC

611. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 12:00:50 UTC
From: Gerry <NoEmail@Spamblock.isp>
Message-ID: <pdqdnf4vZKnuFrbYnZ2dnUVZ_umdnZ2d@giganews.com>
Source record: 51335
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

"Slow Code" <my.mail@no.spam> wrote in message
news:toCWg.12118$UG4.1068@newsread2.news.pas.earthlink.net...
> If an amateur had to relay a through a country and the amateurs didn't
> know each other language they still could have passed it by CW and the
> message could have been delivered to someone that could read it. Not no
> more.
>
> When things start failing communication wise worldwide, amateur radio
> might be all there is to relay messages, and the ITU just removed one of
> the legs of a three leg stool.

The pro-code arguments seem to be getting sillier and sillier.

I am a know-coder. I enjoy it. CW is my primary mode. I encourage others to
join in. I do not believe for one minute that CW is going to save the
world. I am not sure the FCC should be requiring it while not testing for
the various digital modes or message handling - seems inconsistent

>
> SC

612. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 12:37:52 UTC
From: john <john@nospam.net>
Message-ID: <8l4ni21sgs8gb8pj9m3m741u2asa2kcfqv@4ax.com>
Source record: 51336
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Tue, 10 Oct 2006 08:00:50 -0400, "Gerry" <NoEmail@Spamblock.isp>
wrote:

>
>"Slow Code" <my.mail@no.spam> wrote in message
>news:toCWg.12118$UG4.1068@newsread2.news.pas.earthlink.net...
>> If an amateur had to relay a through a country and the amateurs didn't
>> know each other language they still could have passed it by CW and the
>> message could have been delivered to someone that could read it. Not no
>> more.
>>
>> When things start failing communication wise worldwide, amateur radio
>> might be all there is to relay messages, and the ITU just removed one of
>> the legs of a three leg stool.
>
>The pro-code arguments seem to be getting sillier and sillier.
>
>I am a know-coder. I enjoy it. CW is my primary mode. I encourage others to
>join in. I do not believe for one minute that CW is going to save the
>world. I am not sure the FCC should be requiring it while not testing for
>the various digital modes or message handling - seems inconsistent
>
>
>>
>> SC
>
Jerry, I am a 20 wpm extra and I used to agree with some of the things
Slow Code was saying BUT, after all the BS he has created on the
newsgroups I am starting to change my opinion. His constant bullcrap
on here makes me sick. Its ok to state your opinion and move on but he
has a real problem. I mean posting every day in rec.radio.swap for
Christ sake. For someone so worried about people doing the right thing
he is the worst example.

613. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 13:06:56 UTC
From: my.mail@no.spam
Message-ID: <BACVg.6062$Y24.5826@newsread4.news.pas.earthlink.net>
Source record: 51337
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Tue, 10 Oct 2006 07:37:52 -0500, john <john@nospam.net> wrote:
>
> Jerry, I am a 20 wpm extra and I used to agree with some of the things
> Slow Code was saying BUT, after all the BS he has created on the
> newsgroups I am starting to change my opinion. His constant bullcrap
> on here makes me sick. Its ok to state your opinion and move on but he
> has a real problem. I mean posting every day in rec.radio.swap for
> Christ sake. For someone so worried about people doing the right thing
> he is the worst example.

Well, at least I educated you about top posting, and you are almost doing things the correct way now. I suppose that I should begin teaching you and others about TRIMMING your followups in order to make your posts easier to read. It's all there in the news.answers FAQs too, but lots of people haven't read the material.

The full content of all previous posts doesn't need to be quoted, because people have threaded newsreaders and can go back to read earlier posts without your help. Also, you'll save on that precious downloading time of which some of you spoke. People like Len Anderson and Dave Heil really need to learn how to TRIM their followups if they want anyone to read them.

I'll be checking back from time to time to see how you are doing. It looks to me like you're progressing well. There's definitely hope for you, so keep your chin up.

SC

614. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 13:58:57 UTC
From: john <john@nospam.net>
Message-ID: <869ni2l0eug8dnlqsko30rba4k191v9avt@4ax.com>
Source record: 51338
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Slow Code you are pathetic. I think everyone on here is starting to
realize it. You are the jammer on the local repeater and you get on hf
and jam people because you cant have your way with the code
requirements. Face it nobody in the world cares what you think about
it. You make zero dirrerence in this world. Too chicken to post your
call because if you did you know what would happen. You have ruined
the newsgroups with your BS and soon you will be in everyones kill
file and fade away. Then you will just come up with another name like
No Balls or something. My suggestion to everyone is ignore this loser
from now on and let him get back to kerchunking repeaters and throwing
carriers on people on hf. You know thats the kind of trash he is.

On Tue, 10 Oct 2006 13:06:56 +0000 (UTC), my.mail@no.spam (Slow Code)
wrote:

>
>On Tue, 10 Oct 2006 07:37:52 -0500, john <john@nospam.net> wrote:
>>
>> Jerry, I am a 20 wpm extra and I used to agree with some of the things
>> Slow Code was saying BUT, after all the BS he has created on the
>> newsgroups I am starting to change my opinion. His constant bullcrap
>> on here makes me sick. Its ok to state your opinion and move on but he
>> has a real problem. I mean posting every day in rec.radio.swap for
>> Christ sake. For someone so worried about people doing the right thing
>> he is the worst example.
>
>Well, at least I educated you about top posting, and you are almost
>doing things the correct way now. I suppose that I should begin
>teaching you and others about TRIMMING your followups in order to make
>your posts easier to read. It's all there in the news.answers FAQs
>too, but lots of people haven't read the material.
>
>The full content of all previous posts doesn't need to be quoted,
>because people have threaded newsreaders and can go back to read
>earlier posts without your help. Also, you'll save on that precious
>downloading time of which some of you spoke. People like Len Anderson
>and Dave Heil really need to learn how to TRIM their followups if they
>want anyone to read them.
>
>I'll be checking back from time to time to see how you are doing. It
>looks to me like you're progressing well. There's definitely hope for
>you, so keep your chin up.
>
>SC

615. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 14:43:44 UTC
From: Mark@kb9rqz.net
Message-ID: <3ccni296132qbs1vg2bvmjags88bpsp5sm@4ax.com>
Source record: 51339
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Tue, 10 Oct 2006 01:08:41 GMT, Slow Code <my.mail@no.spam> wrote:

from your point of view it was but it is done and now you have learn
to deal with result
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

616. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 15:44:43 UTC
From: richardharrison@webtv.net
Message-ID: <4603-452BBFEB-383@storefull-3253.bay.webtv.net>
Source record: 51340

Slow Code wrote:
"Not no more."

Morse Code is yet another language, dead as Latin, and known by fewer people than most modern languages. English, written or spoken, is understood by many more people than Morse.

Dismount when your horse has been shot from under you.

Best regards, Richard Harrison, KB5WZI

617. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 16:59:07 UTC
From: my.mail@no.spam
Message-ID: <BACVg.6052$Y22.5826@newsread4.news.pas.earthlink.net>
Source record: 51341
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Tue, 10 Oct 2006 08:58:57 -0500, john <john@nospam.net> wrote:

> Slow Code you are pathetic. I think everyone on here is starting to
> realize it. You are the jammer on the local repeater and you get on hf
> and jam people because you cant have your way with the code

And you know this how? Apparently, you are psychic (or maybe
psychotic).

> requirements. Face it nobody in the world cares what you think about
> it. You make zero dirrerence in this world. Too chicken to post your
> call because if you did you know what would happen. You have ruined

Er, "John," I don't recall you ever posting your call anywhere. I
guess it's because if you did, you know what would happen (and only
you know, because you haven't told the rest of us about what would
happen). Why don't you go first? Pot, kettle, black and all that
stuff.

Actually, don't bother. You're probably a no-code tech at best or
else don't have a license at all, which would explain your anger with
other hams who have higher class licenses. Undoubtedly, we make you
feel inferior, and you can't stand the pain of it all.

Oh well; at least you did temporarily learn how to bottom post. Keep
on reading news.answers, and keep your chin up. Keep telling yourself
"I'm NOT inferior."

SC

618. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 17:10:49 UTC
From: john <john@nospam.net>
Message-ID: <0pkni2l7k8h45jq5q6u9kl0im30din2vgg@4ax.com>
Source record: 51342
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

I was licenced in 1967 at the age of 11. Went through incentive
licensing and all that then got my 20wpm extra at age 16 so dont
preach or talk down ro me. Is it Slow Code or No Balls I get that
mixed up?

On Tue, 10 Oct 2006 16:59:07 +0000 (UTC), my.mail@no.spam (Slow Code)
wrote:

>
>On Tue, 10 Oct 2006 08:58:57 -0500, john <john@nospam.net> wrote:
>
>> Slow Code you are pathetic. I think everyone on here is starting to
>> realize it. You are the jammer on the local repeater and you get on hf
>> and jam people because you cant have your way with the code
>
>And you know this how? Apparently, you are psychic (or maybe
>psychotic).
>
>> requirements. Face it nobody in the world cares what you think about
>> it. You make zero dirrerence in this world. Too chicken to post your
>> call because if you did you know what would happen. You have ruined
>
>Er, "John," I don't recall you ever posting your call anywhere. I
>guess it's because if you did, you know what would happen (and only
>*you* know, because you haven't told the rest of us about what would
>happen). Why don't you go first? Pot, kettle, black and all that
>stuff.
>
>Actually, don't bother. You're probably a no-code tech at best or
>else don't have a license at all, which would explain your anger with
>other hams who have higher class licenses. Undoubtedly, we make you
>feel inferior, and you can't stand the pain of it all.
>
>Oh well; at least you did temporarily learn how to bottom post. Keep
>on reading news.answers, and keep your chin up. Keep telling yourself
>"I'm NOT inferior."
>
>SC

619. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 17:59:50 UTC
From: Mark@kb9rqz.net
Message-ID: <crnni258rlp3rfmc6ppqkpdbk1hei01b5a@4ax.com>
Source record: 51343
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Tue, 10 Oct 2006 16:59:07 +0000 (UTC), my.mail@no.spam (Slow Code)
wrote:

>
>On Tue, 10 Oct 2006 08:58:57 -0500, john <john@nospam.net> wrote:
>

>Actually, don't bother. You're probably a no-code tech at best or
>else don't have a license at all, which would explain your anger with
>other hams who have higher class licenses. Undoubtedly, we make you
>feel inferior, and you can't stand the pain of it all.

still wating on you to give your Call you have No call to cut another
down for doing what you refuse to to do
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

620. Re: Two Meter FM Wire Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 18:40:29 UTC
From: Tam/WB2TT <t-tammaru@c0mca$t.net>
Message-ID: <0uKdnV1JluOGdLbYnZ2dnUVZ_vWdnZ2d@comcast.com>
Source record: 51344

"N3" <N3isme@gmail.com> wrote in message
news:1160396734.312188.171740@k70g2000cwa.googlegroups.com...
> Because of restrictions i am unable to put up a two meter fm vertical
> antenna. What is the feasability of putting up a random or long wire
> antenna for the two meter fm band? Doing a Google search i could not
> find any information concerning the above. Any assistance would be
> appreciated. Thank You.
>
I had a home made 1/4 wave ground plane vertical in the attic. Worked as
well as an Isopole on the roof. Gave away the Isopole. If you don't have an
attic, try the top of a closet. If you give up one radial, you can tape the
whole thing to walls and the front of the shelf.

Tam/WB2TT

621. Re: Tower Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 18:51:31 UTC
From: "J. Mc Laughlin" <jcm@power-net.net>
Message-ID: <12inqrlm6q1ra0@corp.supernews.com>
Source record: 51345

Dear Mike (KU4YP):

This is usually an economics question. How much will you pay for the last 0.5 db of performance?

An alternative that I use is to use coax that has no more than 1 db of loss at the frequency in use.

With a tower of reasonable height that is over 100 feet away, it is unlikely that any 213 type coax is good value other than at 80 meters or below.

For receiving below something like 25 MHz, most any coax is good enough.

73, Mac N8TT

--
J. Mc Laughlin; Michigan U.S.A.
Home: JCM@Power-Net.Net
"KU4YP" <ku4yp@arrl.net> wrote in message
news:86jWg.11768$UG4.4060@newsread2.news.pas.earthlink.net...
> hello all,
>
> how far is reasonable to run rg-213 or beldin 9913 cable? i am
probably
> gonna have to put the tower over 100 ft from the station. would like to
hear
> opinions.
>
> 73 mike ku4yp
>
>

622. Re: It's amazing what people will say to try to justify dumbing down Amateur Radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 19:21:02 UTC
From: "kb9rqz@hotmail.com" <kb9rqz@hotmail.com>
Message-ID: <1160508061.938331.76400@b28g2000cwb.googlegroups.com>
Source record: 51346
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Slow Code wrote:
> k4yz_05@yahoo.com wrote in
> news:1160392657.932021.251780@m7g2000cwm.googlegroups.com:
>

> Anyone that puts out an argument to keep the code requirement gets teased
> by Cecil. He loves to throw out some goof-ball counter reply to try to
> be-little the original argument.
if you want to stop ham radio being dumbed down you need to turn in
your license and BAN the use of CW which has made mindless wrecks of
people like yourself I presonal don't advocate that course of action
but it is the way stop the dumbing down of radio
>
> SC

623. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 19:22:21 UTC
From: "kb9rqz@hotmail.com" <kb9rqz@hotmail.com>
Message-ID: <1160508141.853841.48250@h48g2000cwc.googlegroups.com>
Source record: 51347
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Al Klein wrote:
> On Fri, 6 Oct 2006 21:24:49 -0700, "Sal M. Onella"
> <salmonella@food.poisoning.org> wrote:
*+
> Since CW is more a verbal skill than a written skill, dyslexia
> shouldn't affect it much (although I don't know of any studies done on
> the subject - it's just a seat-of-the-pants guess).

you have Dyslexics testfing you are worng and you are still presuming
to gues

624. Re: Fair Question For Dyslexic Hams

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 19:26:39 UTC
From: "kb9rqz@hotmail.com" <kb9rqz@hotmail.com>
Message-ID: <1160508399.657770.170950@e3g2000cwe.googlegroups.com>
Source record: 51348
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Al Klein wrote:
> On Mon, 9 Oct 2006 08:55:59 -0400, "Gerry" <NoEmail@Spamblock.isp>
> wrote:
>
> >"Al Klein" <rukbat@pern.invalid> wrote in message
> >news:8i9ji2legh0n2j22gjs0odnefgf7e26hgk@4ax.com...
> >> On Sun, 8 Oct 2006 18:17:46 -0400, "Gerry" <NoEmail@Spamblock.isp>
> >> wrote:
>
> >> Or theory - the only valid test is a practical one to demonstrate
> >> knowledge of operation, which has never been given, and the laws. No
> >> one builds any more,
>
> >While not as central to the hobby as it was in the 50's and 60's. There are
> >a lot of builders out there.
>
> There are a lot of CW operators out there too. "A lot of ... out
> there" doesn't seem to be the current criterion, does it? :)
>
> Which is the point I was making - if we eliminate everything we don't
> actually need for operation, the only things left are the laws and a
> demonstration that we know how to flip the switch. Which would
> probably suit the "let's eliminate the code entirely" crowd just fine.
>
given the fact nothing in the written is go or nogo I don't meind it
being there although a great deal of the stuff their realy needs to go
(why does anything need to memeroze that frequency with in FS ATV that
is Black (or what ever color) there is NO need to know this at all
even if you are operating the mode

yes I would pare alot of stuff away from the current written and add
other stuff and certain reargange twhat is tested at what in the
licenseing structure (I would pull from the tech pool all the question
of skip since it is a minor factor at VHF and up ptu these question in
the genral pool

625. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 20:13:14 UTC
From: Al Klein <rukbat@pern.invalid>
Message-ID: <3jvni2p5nu0ophc4sst2vsli8och0eqdc9@4ax.com>
Source record: 51349
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Tue, 10 Oct 2006 08:00:50 -0400, "Gerry" <NoEmail@Spamblock.isp>
wrote:

>world. I am not sure the FCC should be requiring it while not testing for
>the various digital modes or message handling - seems inconsistent

It's consistent with dropping requirements all around. Broadcast
stations no longer need licensed personnel on duty (that's been the
case for a few decades now), you can repair two-way radios without
being licensed and you can operate on the ham bands without having to
really pass any test.

626. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 20:14:20 UTC
From: Mark@kb9rqz.net
Message-ID: <vlvni2pc515nu6d87v520tmiq569c500gt@4ax.com>
Source record: 51350
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Tue, 10 Oct 2006 16:13:14 -0400, Al Klein <rukbat@pern.invalid>
wrote:

>On Tue, 10 Oct 2006 08:00:50 -0400, "Gerry" <NoEmail@Spamblock.isp>
>wrote:
>
>>world. I am not sure the FCC should be requiring it while not testing for
>>the various digital modes or message handling - seems inconsistent
>
>It's consistent with dropping requirements all around. Broadcast
>stations no longer need licensed personnel on duty (that's been the
>case for a few decades now), you can repair two-way radios without
>being licensed and you can operate on the ham bands without having to
>really pass any test.
funny I seem to recall taking a test and my wife took one a few months
ago for her license

of course you still can't tell me why it is important to know wether a
given circut is a colp[itts or hartley occilator

till you can explain what value knowing the name has you can begin to
convince me that you went a through a test as realavant as mine
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

627. Re: Why is copper better than steel for wire antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 21:40:32 UTC
From: richardharrison@webtv.net
Message-ID: <4124-452C1350-2432@storefull-3255.bay.webtv.net>
Source record: 51351

Roy, W7EL wrote:
"Either you didn`t read the remainder of what I wrote, or I failed to explain it clearly."

The fault was mine, not Roy`s. It is true that if you scale an antenna for half the frequency by doubling its length without increasing cross-section of the wire, its resistance increases. Resistance is rho(l/a) where rho is the resistivity, l is the length of the wire, and a is the area of the wire`s cross-section.

Roy noted that lowering frequency by half means a wire twice as long which tends to double the wire`s resistance but skin effect increases penetration of the wire at the lower frequency. This reduces resistance by 1/sq.Rt.2. The same antenna using twice the length of the same wire but at half the frequency thus will have 1.414 times the effective resistance of the double frequency antenna.

Best regards, Richard Harrison, KB5WZI

628. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 22:37:42 UTC
From: Glen Overby <coreSPAMsample@charter.net>
Message-ID: <mujtv3-8cr.ln1@monolith.nodomain>
Source record: 51352
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

<Mark@kb9rqz.net> wrote:
>till you can explain what value knowing the name has you can begin to
>convince me that you went a through a test as realavant as mine

The licensing hierarchy (and the morse code debate) isn't about value, it's about status. It's about having a chip on your shoulder that says "I'm better than you".

629. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 23:13:02 UTC
From: Mark@kb9rqz.net
Message-ID: <g7aoi2h8oct2c8srdb9ao7ttt8icvdtffs@4ax.com>
Source record: 51353
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Tue, 10 Oct 2006 17:37:42 -0500, Glen Overby
<coreSPAMsample@charter.net> wrote:

> <Mark@kb9rqz.net> wrote:
>>till you can explain what value knowing the name has you can begin to
>>convince me that you went a through a test as realavant as mine
>
>The licensing hierarchy (and the morse code debate) isn't about value, it's
>about status. It's about having a chip on your shoulder that says "I'm better
>than you".
well the procoders like to rpetend it is about value
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

630. Modelling Antenna Factor of small loop

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 23:29:22 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <ugaoi2l82f4t8r1ldgkq0h4porqcgh9p9k@4ax.com>
Source record: 51354

I am working on prediction of the Antenna Factor of a small square loop, and have created and run NEC-2 Models at a range of frequencies. The models are documented in the draft article at http://www.vk1od.net/SmallUntunedSquareLoop/ssulNEC.htm .

I would appreciate comments on potential pitfalls in the models that I have created. Should I expect an antenna built to the design to perform with perhaps tenths of a dB of the model?

Owen
--

631. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 23:31:09 UTC
From: Mark@kb9rqz.net
Message-ID: <i9boi29nc7aib02ra5irmifdttmmrne1a4@4ax.com>
Source record: 51355
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Tue, 10 Oct 2006 16:30:54 -0700, Diamond Dave
<sjester911@yahoo.com> wrote:

>On Tue, 10 Oct 2006 17:37:42 -0500, Glen Overby <coreSPAMsample@charter.net>
>wrote:
>> <Mark@kb9rqz.net> wrote:
>>>till you can explain what value knowing the name has you can begin to
>>>convince me that you went a through a test as realavant as mine
>>
>>The licensing hierarchy (and the morse code debate) isn't about value, it's
>>about status. It's about having a chip on your shoulder that says "I'm better
>>than you".
>
>Good for you! It's not often that someone would come right out and admit that a
>radop that can copy high speed CW is better than himself, but you did.
>Congrats!
funny he said no such thing
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

632. Coax Standoffs

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-10 23:43:25 UTC
From: Rod Maupin <someone@someserver.com>
Message-ID: <j_SdnSfrCp-ArbHYnZ2dnUVZ_sydnZ2d@neonova.net>
Source record: 51356

I'm planning on putting up a tower and a question I've always had is about coax standoffs. Are they necessary?

633. Re: Modelling Antenna Factor of small loop

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 00:17:33 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <pvdoi2debiiga2eav9gturcp8dkguj98cf@4ax.com>
Source record: 51357

On Tue, 10 Oct 2006 23:29:22 GMT, Owen Duffy <owen@no.where> wrote:

>I would appreciate comments

Hi Owen,

Maybe use a log-log scale?

73's
Richard Clark, KB7QHC

634. Re: Modelling Antenna Factor of small loop

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 00:33:58 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <uaeoi2p8e60f82nq5bd11268sn4ghnpi7q@4ax.com>
Source record: 51358

On Tue, 10 Oct 2006 17:17:33 -0700, Richard Clark <kb7qhc@comcast.net>
wrote:

>On Tue, 10 Oct 2006 23:29:22 GMT, Owen Duffy <owen@no.where> wrote:
>
>>I would appreciate comments
>
>Hi Owen,
>
>Maybe use a log-log scale?

It is if you think about it, -20log(Vout/Vin) vs log(Freq).

I am really interested in modelling accuracy issues like segment
length, right angle corners, load placement etc.

Owen
--

635. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 00:44:39 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <X7XWg.9925$o71.5087@newsread3.news.pas.earthlink.net>
Source record: 51359
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

my.mail@no.spam (Slow Code) wrote in
news:BACVg.6062$Y24.5826@newsread4.news.pas.earthlink.net:

>
> On Tue, 10 Oct 2006 07:37:52 -0500, john <john@nospam.net> wrote:
>>
>> Jerry, I am a 20 wpm extra and I used to agree with some of the things
>> Slow Code was saying BUT, after all the BS he has created on the
>> newsgroups I am starting to change my opinion. His constant bullcrap
>> on here makes me sick. Its ok to state your opinion and move on but he
>> has a real problem. I mean posting every day in rec.radio.swap for
>> Christ sake. For someone so worried about people doing the right thing
>> he is the worst example.
>
> Well, at least I educated you about top posting, and you are almost
> doing things the correct way now. I suppose that I should begin
> teaching you and others about TRIMMING your followups in order to make
> your posts easier to read. It's all there in the news.answers FAQs
> too, but lots of people haven't read the material.
>
> The full content of all previous posts doesn't need to be quoted,
> because people have threaded newsreaders and can go back to read
> earlier posts without your help. Also, you'll save on that precious
> downloading time of which some of you spoke. People like Len Anderson
> and Dave Heil really need to learn how to TRIM their followups if they
> want anyone to read them.
>
> I'll be checking back from time to time to see how you are doing. It
> looks to me like you're progressing well. There's definitely hope for
> you, so keep your chin up.

ROFL!

Harassing people that top post. When you're finished here, see if you can
do something about Markie's spelling.

Tnx, 73

de Slow Code

636. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 00:44:40 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <Y7XWg.9926$o71.7633@newsread3.news.pas.earthlink.net>
Source record: 51360
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

john <john@nospam.net> wrote in
news:0pkni2l7k8h45jq5q6u9kl0im30din2vgg@4ax.com:

> I was licenced in 1967 at the age of 11. Went through incentive
> licensing and all that then got my 20wpm extra at age 16 so dont
> preach or talk down ro me. Is it Slow Code or No Balls I get that
> mixed up?

Why are you so concerned about my balls? Are you gay?

Stay away from me you pervert!

SC

637. Re: It's amazing what people will say to try to justify dumbing down Amateur Radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 00:44:42 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <_7XWg.9927$o71.8534@newsread3.news.pas.earthlink.net>
Source record: 51361
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

```
Opus- <jbuchy@shaw.ca> wrote in
news:iovli2lg2oiscbvcg0ej0eq723cpithf94@4ax.com:

> On Tue, 10 Oct 2006 01:08:42 GMT, Slow Code <my.mail@no.spam> spake
> thusly:
>
>>k4yz_05@yahoo.com wrote in
>>news:1160392657.932021.251780@m7g2000cwm.googlegroups.com:
>>
>>>
>>> Cecil Moore wrote:
>>>> Slow Code wrote:
>>>> > It's funny, and most telling. The no-code hams have everything
>>>> > over 30 MHz, but it's the code hams that are the one's moving ham
>>>> > radio forward and doing anything technical wise.
>>>>
>>>> If that's true, it's certainly a change from half a
>>>> century ago when we HF hams observed the VHF/UHF
>>>> hams revolutionizing amateur radio with their
>>>> technical expertise.
>>>
>>> Uhhhhhhhh...Cecil...??!?!
>>>
>>> Did you actually make that up, or just quote someone else who is
>>> equally ill informed?
>>>
>>> Most of the people who were "moving forward" half a century ago
>>> were ALSO folks who were active on and well known in HF circles...
>>>
>>> Unless, of course, you're now going to take Lennie's spin and tell
>>> us that any / everything reported in QST, CQ, etc, was only
>>> "self-serviing rhetoric"...?!?!
>>>
>>> Try again.
>>>
>>> Steve, K4YZ
>>
>>
>>Anyone that puts out an argument to keep the code requirement gets
>>teased by Cecil. He loves to throw out some goof-ball counter reply to
>>try to be-little the original argument.
>
```

> Pot, meet kettle.

No. All my arguments are good sound arguments.

SC

638. Re: Coax Standoffs

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 01:11:38 UTC
From: Dale Parfitt <par@parelectronics.com>
Message-ID: <exXWg.3210$Gp4.1601@trnddc08>
Source record: 51362

"Rod Maupin" <someone@someserver.com> wrote in message
news:j_SdnSfrCp-ArbHYnZ2dnUVZ_sydnZ2d@neonova.net...
> I'm planning on putting up a tower and a question I've always had is about
> coax standoffs. Are they necessary?
>I am hoping this is just a troll.

639. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 01:22:33 UTC
From: Papa Dog <papadogbg@yahoo.com>
Message-ID: <MPG.1f96115f215d6889989a3e@news-server.carolina.rr.com>
Source record: 51363
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

```
In article <fACVg.5939$Y24.395@newsread4.news.pas.earthlink.net>,
my.mail@no.spam says...
> Papa Dog <papadogbg@yahoo.com> wrote in
> news:MPG.1f9085a4288aea7b989a3c@news-server.carolina.rr.com:
>
> > In article <15YUg.5049$Y24.2900@newsread4.news.pas.earthlink.net>,
> > my.mail@no.spam says...
> >>
> >>
> >> Thanks for posting that chuck. I've never broken any of those on the
> >> air or on usenet. Maybe now Markie and everyone else will see why CW
> >> is important.
> >>
> >> Thanks again and Keep up the good work.
> >>
> >> 73 de Slow Code
> >>
> >>
> >>
> >>
> > You need to read them again SC. You break them daily on usenet. You're
> > not considerate. You're down right unfriendly to some and You're about
> > unprogressive as they come.
> >
> > 73
> >
> > Chris
>
>
> You think that's bad? Wait until HF sounds 11 meters and you can't find a
> decent contact anywhere. You'll see I was right.
>
> I crawled out of my hole around restructuring time. Then the ARRL and FCC
> screwed ham radio. I went back in my hole again. Now the FCC and it
> appears with the blessings of the ARRL is planning to toss CW all
> together. I come out of my hole to fight for the integrity of ham radio
> once again, but when the R&O comes out eliminating CW, I'll crawl back
> into my hole again. Leaving you and everyone else the problem of trying to
> deal with poor behavior and operating practice on the bands. The result
> of dumbing down licensing.
>
> Outcome based education doesn't work, what makes you think outcome based
```

> licensing will?
>
> SC
>
You still won't acknowledge your poor behavior that really hurts your cause.

Chris

640. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 01:24:43 UTC
From: Papa Dog <papadogbg@yahoo.com>
Message-ID: <MPG.1f9611e2e91c939f989a3f@news-server.carolina.rr.com>
Source record: 51370
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

```
In article <gACVg.5940$Y24.1159@newsread4.news.pas.earthlink.net>,
my.mail@no.spam says...
> Papa Dog <papadogbg@yahoo.com> wrote in
> news:MPG.1f9086eb5bc7bd06989a3d@news-server.carolina.rr.com:
>
> > In article <VEgVg.7674$o71.6241@newsread3.news.pas.earthlink.net>,
> > my.mail@no.spam says...
> >> Phil Wheeler <wt6uh-ng7@yahoo.com> wrote in
> >> news:R8dVg.263$zy2.260@tornado.socal.rr.com:
> >>
> >> > AC7PN wrote:
> >> >> Slow Code wrote:
> >> >>> Or is it like talking to someone on CB?
> >> >>>
> >> >>> SC
> >> >>
> >> >> The answer is "yes it is a real contact" and so far as you were
> >> >> communicating with some one using a radio it also is "like talking
> >> >> to someone on CB."
> >> >>
> >> >> Dude, your arrogance is showing.
> >> >>
> >> >
> >> > I would have said ignorance ;)
> >> >
> >> > 73, Phil W7OX
> >>
> >>
> >> Don't tell me You want to dumb down ham radio now as well. Where have
> >> all the communicators gone?
> >>
> >> SC
> >>
> >
> > Any 12 year old can learn code in 2 weeks. Getting rid of it would not
> > dumb down Ham radio at all. Code is a good thing to know. Whether you
> > use it or not is a personal preference. I think programming you're own
> > software to send code yourself and building your own radio is a lot more
> > technical than learning code.
> >
> > 73
> >
```

> > Chris
>
>
> But people don't want to be skilled at anything anymore. They don't want
> to make an effort to learn CW, they may not make an effort to learn other
> things to advance themselves technically either.
>
> SC
>
If a 12 year old can learn it I don't consider it much of a technical
skill. Nothing at all technical about CW. Building a transmitter, now
that takes somw technical know how.

Chris

641. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 01:24:50 UTC
From: Mark@kb9rqz.net
Message-ID: <3uhoi2der9vfmifmubci613mi87canpp9l@4ax.com>
Source record: 51364
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Wed, 11 Oct 2006 01:22:33 GMT, Papa Dog <papadogbg@yahoo.com>
wrote:

>In article <fACVg.5939$Y24.395@newsread4.news.pas.earthlink.net>,
>my.mail@no.spam says...
>> Papa Dog <papadogbg@yahoo.com> wrote in
>> news:MPG.1f9085a4288aea7b989a3c@news-server.carolina.rr.com:
>>
>> > In article <15YUg.5049$Y24.2900@newsread4.news.pas.earthlink.net>,
>> > my.mail@no.spam says...
>> >>
>> >>
>> >> Thanks for posting that chuck. I've never broken any of those on the
>> >> air or on usenet. Maybe now Markie and everyone else will see why CW
>> >> is important.
>> >>
>> >> Thanks again and Keep up the good work.
>> >>
>> >> 73 de Slow Code
>> >>
>> >>
>> >>
>> >>
>> > You need to read them again SC. You break them daily on usenet. You're
>> > not considerate. You're down right unfriendly to some and You're about
>> > unprogressive as they come.
>> >
>> > 73
>> >
>> > Chris
>>
>>
>> You think that's bad? Wait until HF sounds 11 meters and you can't find a
>> decent contact anywhere. You'll see I was right.
>>
>> I crawled out of my hole around restructuring time. Then the ARRL and FCC
>> screwed ham radio. I went back in my hole again. Now the FCC and it
>> appears with the blessings of the ARRL is planning to toss CW all
>> together. I come out of my hole to fight for the integrity of ham radio
>> once again, but when the R&O comes out eliminating CW, I'll crawl back
>> into my hole again. Leaving you and everyone else the problem of trying to
>> deal with poor behavior and operating practice on the bands. The result
>> of dumbing down licensing.

>>
>> Outcome based education doesn't work, what makes you think outcome based
>> licensing will?
>>
>> SC
>>
>You still won't acknowledge your poor behavior that really hurts your
>cause.
indeed he and the other ProCoders are the poster boys for No Code
>
>Chris
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

642. Re: It's amazing what people will say to try to justify dumbing down Amateur Radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 01:25:38 UTC
From: Mark@kb9rqz.net
Message-ID: <dvhoi2l2feg20n4pfukdv3d1qp7nv8rebp@4ax.com>
Source record: 51365
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Wed, 11 Oct 2006 00:44:42 GMT, Slow Code <my.mail@no.spam> wrote:

>Opus- <jbuchy@shaw.ca> wrote in
>news:iovli2lg2oiscbvcg0ej0eq723cpithf94@4ax.com:
>
>> On Tue, 10 Oct 2006 01:08:42 GMT, Slow Code <my.mail@no.spam> spake
>> thusly:
>>
>>>k4yz_05@yahoo.com wrote in
>>>news:1160392657.932021.251780@m7g2000cwm.googlegroups.com:
>>>
>>>>
>>>> Cecil Moore wrote:
>>>>> Slow Code wrote:
>>>>> > It's funny, and most telling. The no-code hams have everything
>>>>> > over 30 MHz, but it's the code hams that are the one's moving ham
>>>>> > radio forward and doing anything technical wise.
>>>>>
>>>>> If that's true, it's certainly a change from half a
>>>>> century ago when we HF hams observed the VHF/UHF
>>>>> hams revolutionizing amateur radio with their
>>>>> technical expertise.
>>>>
>>>> Uhhhhhhhh...Cecil...??!?!
>>>>
>>>> Did you actually make that up, or just quote someone else who is
>>>> equally ill informed?
>>>>
>>>> Most of the people who were "moving forward" half a century ago
>>>> were ALSO folks who were active on and well known in HF circles...
>>>>
>>>> Unless, of course, you're now going to take Lennie's spin and tell
>>>> us that any / everything reported in QST, CQ, etc, was only
>>>> "self-serviing rhetoric"...?!?!
>>>>
>>>> Try again.
>>>>
>>>> Steve, K4YZ
>>>
>>>
>>>Anyone that puts out an argument to keep the code requirement gets
>>>teased by Cecil. He loves to throw out some goof-ball counter reply to

>>>try to be-little the original argument.
>>
>> Pot, meet kettle.
>
>
>No. All my arguments are good sound arguments.

realy they are good and valid arguments... For No Code HF
>
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

643. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 01:29:01 UTC
From: Mark@kb9rqz.net
Message-ID: <06ioi21dfeu6nke70ql9au52a7b3b2fq5g@4ax.com>
Source record: 51366
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Wed, 11 Oct 2006 00:44:40 GMT, Slow Code <my.mail@no.spam> wrote:

>john <john@nospam.net> wrote in
>news:0pkni2l7k8h45jq5q6u9kl0im30din2vgg@4ax.com:
>
>> I was licenced in 1967 at the age of 11. Went through incentive
>> licensing and all that then got my 20wpm extra at age 16 so dont
>> preach or talk down ro me. Is it Slow Code or No Balls I get that
>> mixed up?
>
>
>Why are you so concerned about my balls? Are you gay?
>
>Stay away from me you pervert!
again you you serve as a Poster Boy for NoCode
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

644. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 01:30:03 UTC
From: Mark@kb9rqz.net
Message-ID: <n7ioi2hsevj9a417cuo7hd7u75629pr0au@4ax.com>
Source record: 51367
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Wed, 11 Oct 2006 00:44:39 GMT, Slow Code <my.mail@no.spam> wrote:

>my.mail@no.spam (Slow Code) wrote in
>news:BACVg.6062$Y24.5826@newsread4.news.pas.earthlink.net:
>
>>
>> On Tue, 10 Oct 2006 07:37:52 -0500, john <john@nospam.net> wrote:

>> I'll be checking back from time to time to see how you are doing. It
>> looks to me like you're progressing well. There's definitely hope for
>> you, so keep your chin up.
>
>
>ROFL!
>
>Harassing people that top post. When you're finished here, see if you can
>do something about Markie's spelling.

SC Poster Boy for NoCode
>
>Tnx, 73
>
>de Slow Code
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

645. Re: Coax Standoffs

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 01:32:03 UTC
From: Rod Maupin <someone@someserver.com>
Message-ID: <wa6dnf8CWNYO1LHYnZ2dnUVZ_sKdnZ2d@neonova.net>
Source record: 51368

I'm actually serious and I don't know the answer or I wouldn't ask.

I've seen both cases. Some people use them, some don't. What is the
advantage of using them?

646. Re: Modelling Antenna Factor of small loop

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 01:36:23 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <60ioi2p8eg11am2gnpqes6421hfh2l8vbp@4ax.com>
Source record: 51369

On Wed, 11 Oct 2006 00:33:58 GMT, Owen Duffy <owen@no.where> wrote:

>On Tue, 10 Oct 2006 17:17:33 -0700, Richard Clark <kb7qhc@comcast.net>
>wrote:
>
>>On Tue, 10 Oct 2006 23:29:22 GMT, Owen Duffy <owen@no.where> wrote:
>>
>>>I would appreciate comments
>>
>>Hi Owen,
>>
>>Maybe use a log-log scale?
>
>It is if you think about it, -20log(Vout/Vin) vs log(Freq).

Hi Owen,

I suppose so, however, when I see a sigmoidal curve, it begs a
different representation which, to me, reveals an underlying concept
(whatever that might be). Even with the redundancy of log
representation of a log value, its straight line representation may
worth consideration. I don't know why at this pass. This is just a
preference I would consider.

>I am really interested in modelling accuracy issues like
>segment length,

Generally self-driven by the results of successive modeling of
increased segmentation approaching an asymptotic level. The implicit
question would be: "Does the addition computational load warrant the
increased count?"

>right angle corners,

Area dominates such considerations, practicality is also significant,
results generally varies by little. As Reggie would offer, it is a
trade-off in the amount of wire, and spacing that would tend to
increase loss, and give rise to self resonance. He offered very good
advice on the size of coils, and this may have occurred before you
joined the group. I'm sure a review of his web page would reveal an
"unzipped" executable, but may lack the discussion he offered here.

>load placement etc.

An issue of balance (physical placement mimicking literal field
balance).

73's
Richard Clark, KB7QHC

647. Re: Two Meter FM Wire Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 02:01:53 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <452c5043$0$6147$39cecf19@news.twtelecom.net>
Source record: 51371

Richard Clark wrote:

> Hi Dale,
>
> I couldn't resist.
>
> If you make the rhombic with stretchable mounting points (and do not
> load the end of the rhombic, so as to make it bi-directional) you can
> change the major axis. This would alter EW to NS, and, I bet, if you
> didn't stretch it strictly to the typical elongated axis (the major
> axis) you would probably fill in the lobes in between.
>
> However, this (admittedly rube Goldberg design) and the original
> suggestion of a rhombic seems prohibitive in a neighborhood already
> far too sensitive to even a quarterwave vertical.
>
> 73's
> Richard Clark, KB7QHC

Richard

I'm not sure who you are responding to, certainly NOT the original poster. He can't put up a quarter wave, let alone an effing RHOMBIC!

I am amazed at how these threads can take off in only 3 responses into something that has absolutely nothing to do with the question that was asked.

N3

Please contact me directly at the address shown on this post, and I will attempt to help you.

tom
K0TAR

648. Re: Two Meter FM Wire Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 02:30:24 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <452c56f1$0$6151$39cecf19@news.twtelecom.net>
Source record: 51372

Richard Clark wrote:

> Hi Dale,
>
> I couldn't resist.
>
> If you make the rhombic with stretchable mounting points (and do not
> load the end of the rhombic, so as to make it bi-directional) you can
> change the major axis. This would alter EW to NS, and, I bet, if you
> didn't stretch it strictly to the typical elongated axis (the major
> axis) you would probably fill in the lobes in between.
>
> However, this (admittedly rube Goldberg design) and the original
> suggestion of a rhombic seems prohibitive in a neighborhood already
> far too sensitive to even a quarterwave vertical.
>
> 73's
> Richard Clark, KB7QHC

One thing the newcomers to the group should know, and this information should be passed on on a regular basis, is that Richard is one of the most intelligent people here. Unfortunately, he is about the least helpful person here. He seldom answers questions directly, although he will try to pretend he is trying to make you learn something. He is not, he is simply showing you how much more knowledgeable he is than everyone else.

In this case the poster could not put up a quarter wave, and asked about putting up a long wire. Obviously if the poster couldn't put up a long wire, a flexible rhombic, which is absurd on the face of it, would be absolutely unacceptable.

tom
K0TAR

tom
K0TAR

649. Re: Modelling Antenna Factor of small loop

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 02:46:36 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <jkkoi2193k0l2p9npv793cm82acdag9949@4ax.com>
Source record: 51373

On Tue, 10 Oct 2006 18:36:23 -0700, Richard Clark <kb7qhc@comcast.net>
wrote:

>On Wed, 11 Oct 2006 00:33:58 GMT, Owen Duffy <owen@no.where> wrote:
>
>>On Tue, 10 Oct 2006 17:17:33 -0700, Richard Clark <kb7qhc@comcast.net>
>>wrote:
>>
>>>On Tue, 10 Oct 2006 23:29:22 GMT, Owen Duffy <owen@no.where> wrote:
>>>
>>>>I would appreciate comments
>>>
>>>Hi Owen,
>>>
>>>Maybe use a log-log scale?
>>
>>It is if you think about it, -20log(Vout/Vin) vs log(Freq).
>
>Hi Owen,
>
>I suppose so, however, when I see a sigmoidal curve, it begs a
>different representation which, to me, reveals an underlying concept
>(whatever that might be). Even with the redundancy of log
>representation of a log value, its straight line representation may
>worth consideration. I don't know why at this pass. This is just a
>preference I would consider.

I know we like to see straight lines in things, leads to simple
explanations.

I think a piecewise explanation of what happens here is:
- below the second knee, current is uniform and:
- below the first knee, loop inductive reactance is small, and
induced voltage is dominated by the changing freuency;
- above the first knee, induced voltage still varies with frequency,
but the loop inductive reactance is compensating that to a fair extent
and current (or loaded terminal voltage) is almost constant with
change in frequency;
-above the second knee, current is not uniform, reactance changes more
rapidly with change in frequency as resonance is approached, induced
voltage increases with increase in frequency.

>
>>I am really interested in modelling accuracy issues like
>>segment length,

>
>Generally self-driven by the results of successive modeling of
>increased segmentation approaching an asymptotic level. The implicit
>question would be: "Does the addition computational load warrant the
>increased count?"

The computation load isn't a big issue in these case, and I have
changed the segmentation with minutest change in results around the
current segmentation strategy.

>
>>right angle corners,
>
>Area dominates such considerations, practicality is also significant,
>results generally varies by little. As Reggie would offer, it is a
>trade-off in the amount of wire, and spacing that would tend to
>increase loss, and give rise to self resonance. He offered very good
>advice on the size of coils, and this may have occurred before you
>joined the group. I'm sure a review of his web page would reveal an
>"unzipped" executable, but may lack the discussion he offered here.

Certainly, it can be solved from first principles at lower frequencies
where current is uniform, and as you say, area and self inductance are
the critical quantities. It is at the right hand end where current is
non-uniform that the NEC model becomes most relevant, and where I
depend on its accuracy... if I got things right!

>
>>load placement etc.
>
>An issue of balance (physical placement mimicking literal field
>balance).

Thanks Richard,

Owen
--

650. Re: Two Meter FM Wire Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 02:54:56 UTC
From: Bill <baycock@hughes.net>
Message-ID: <1160535296.759163.12360@m73g2000cwd.googlegroups.com>
Source record: 51374

N3 wrote:
> Because of restrictions i am unable to put up a two meter fm vertical
> antenna. What is the feasibility of putting up a random or long wire
> antenna for the two meter fm band? Doing a Google search i could not
> find any information concerning the above. Any assistance would be
> appreciated. Thank You.

I find it hard to imagine a 2M antenna that is easy to spot from a
short distance away. However, the first 2M antenna I made took 5 pieces
of copper wire, each 19 inches long, and a SO239 coax fitting (The
type used on a panel, that has 4 holes in a flange to bolt it on). Four
of the wires are bent at the end to make a short leg "L". the short leg
is poked through the connector flange and soldered. The remaining wire
is soldered into the center fitting of the connector, from the back.
This is now a "Ground plane antenna". if the four wires pointing out
from the connector are bent down at about 15-20 degrees, it should
match 50 Ohms, or near it.
Mine started life hanging from a light fixture in my bedroom, connected
to the transmitter with a short piece of Coax. With 3 Watts, I could
hit a repeater 30 Miles away.
Good luck- Bill-W4BSG

651. Re: Coax Standoffs

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 03:35:32 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <dfpoi253bkse6visdiod1j0dovo41cpsji@4ax.com>
Source record: 51375

On Tue, 10 Oct 2006 18:32:03 -0700, "Rod Maupin"
<someone@someserver.com> wrote:

>What is the advantage of using them?

Hi Rod,

Strain relief, which, by the way, can be achieve by simply strapping
it to the tower.

Downside: creates a voltage standoff too in the event of lightning
strike. This is solved by the alternative offered in the paragraph
above (grounding implied).

73's
Richard Clark, KB7QHC

652. Re: Two Meter FM Wire Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 03:40:36 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <5rpoi2975r4rg07pl8bpvtunaja3gr4i2d@4ax.com>
Source record: 51226

On Tue, 10 Oct 2006 21:01:53 -0500, Tom Ring <news0003@taring.org>
wrote:
>Richard Clark wrote:
>> Hi Dale,

>I'm not sure who you are responding to

Hi Tom,

I thought I would cut down the intervening criticism to reveal the
answer.

73's
Richard Clark, KB7QHC

653. Re: Two Meter FM Wire Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 03:42:47 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <bupoi25jhch6err8pkpe98135cn760nohb@4ax.com>
Source record: 51227

On Tue, 10 Oct 2006 21:30:24 -0500, Tom Ring <news0003@taring.org>
wrote:

>Richard Clark wrote:
>> suggestion of a rhombic seems prohibitive in a neighborhood already
>> far too sensitive to even a quarterwave vertical.

>is absurd on the face of it, would
>be absolutely unacceptable.

Hi Tom,

Again, a little judicous trimming reveals your complaint was already
anticipated.

73's
Richard Clark, KB7QHC

654. Re: Coax Standoffs

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 03:48:33 UTC
From: mcalhoun@ksu.edu
Message-ID: <eghpih$t3c@unix1.cc.ksu.edu>
Source record: 51229

>I'm actually serious and I don't know the answer or I wouldn't ask.
>I've seen both cases. Some people use them, some don't. What is the
>advantage of using them?

I don't recall you mentioned that you were ALSO putting up a tower, so
IF, for example, your coax is running up the side of your house and
then across the roof, another answer is "to keep the coax in place"
vs. letting the wind slid it across the roof.

--
--Myron A. Calhoun.
Five boxes preserve our freedoms: soap, ballot, witness, jury, and cartridge
NRA Life Member and Rifle, Pistol, & Home Firearm Safety Certified Instructor
Certified Instructor for the Kansas Concealed-Carry Handgun license

655. Re: Coax Standoffs

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 03:49:16 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <1RZWg.3916$gM1.1027@fed1read12>
Source record: 51228

"Rod Maupin" <someone@someserver.com> wrote in message
news:j_SdnSfrCp-ArbHYnZ2dnUVZ_sydnZ2d@neonova.net...
> I'm planning on putting up a tower and a question I've always had is about
> coax standoffs. Are they necessary?

No. If somebody used standoffs for coax, it was probably money wasted.
Coax can be secured directly to the mast or tower, coiled on itself, and
even buried (some types). It could even be tied in loose knots without
having its electrical properties affected. You just can't crush it or bend
it tighter than the bend radius specified for the cable.

Open wire line and TV twinlead must be kept away from metallic structures
and not coiled. That's what you use standoffs for.

In a few cases, some form of standoff might be used when the coax forms a
rotor loop, but such use is strictly mechanical.

73
"Sal"

656. Re: It's amazing what people will say to try to justify dumbing down Amateur Radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 04:28:01 UTC
From: Opus- <jbuchy@shaw.ca>
Message-ID: <d4soi25f9fp1kg65l51m713abij9h7kpsa@4ax.com>
Source record: 51230
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

```
On Wed, 11 Oct 2006 00:44:42 GMT, Slow Code <my.mail@no.spam> spake
thusly:

>Opus- <jbuchy@shaw.ca> wrote in
>news:iovli2lg2oiscbvcg0ej0eq723cpithf94@4ax.com:
>
>> On Tue, 10 Oct 2006 01:08:42 GMT, Slow Code <my.mail@no.spam> spake
>> thusly:
>>
>>>k4yz_05@yahoo.com wrote in
>>>news:1160392657.932021.251780@m7g2000cwm.googlegroups.com:
>>>
>>>>
>>>> Cecil Moore wrote:
>>>>> Slow Code wrote:
>>>>> > It's funny, and most telling. The no-code hams have everything
>>>>> > over 30 MHz, but it's the code hams that are the one's moving ham
>>>>> > radio forward and doing anything technical wise.
>>>>>
>>>>> If that's true, it's certainly a change from half a
>>>>> century ago when we HF hams observed the VHF/UHF
>>>>> hams revolutionizing amateur radio with their
>>>>> technical expertise.
>>>>
>>>> Uhhhhhhhh...Cecil...??!?!
>>>>
>>>> Did you actually make that up, or just quote someone else who is
>>>> equally ill informed?
>>>>
>>>> Most of the people who were "moving forward" half a century ago
>>>> were ALSO folks who were active on and well known in HF circles...
>>>>
>>>> Unless, of course, you're now going to take Lennie's spin and tell
>>>> us that any / everything reported in QST, CQ, etc, was only
>>>> "self-serviing rhetoric"...?!?!
>>>>
>>>> Try again.
>>>>
>>>> Steve, K4YZ
>>>
>>>
>>>Anyone that puts out an argument to keep the code requirement gets
```

>>>teased by Cecil. He loves to throw out some goof-ball counter reply to
>>>try to be-little the original argument.
>>
>> Pot, meet kettle.
>
>
>No. All my arguments are good sound arguments.

Oh PuhlEEEZE!!! Spelling Canada with a "K" is a good sound argument?
Calling me a "lazy ass" is a good sound argument? Claiming I get a
handout is a good sound argument?

You have NEVER put out ANY kind of argument at all!!! Why don't you
try to cite some source that back up any of your "good sound
arguments".

Free hint: Hurling insults and innuendo does NOT a "good sound
argument" make.

Hope this helps.
--
Opus62@gmail.com
(Jim, single dad to Lesleigh [Autistic] 04/20/94)

"What, Me Worry?" A. E. Newman

Please note: All unsolicited e-mail sent to me may, at
my discretion, be posted in this newsgroup verbatim.

657. Re: Coax Standoffs

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 06:47:09 UTC
From: Rick Frazier <rickf@rickfrazier.com>
Message-ID: <c8GdnZXVGKLWDrHYnZ2dnUVZ_q6dnZ2d@hawaiiantel.net>
Source record: 51231

Another thing to consider is if the individual has a crank-up tower.
The rather longish "standoff" on the top of the upper section of the
tower is to keep the coax from getting fouled (and perhaps damaged) when
the tower is cranked down. However, on re-reading the original post, it
sounds like the question was about the little (6" perhaps) standoffs
which are typically used for twinlead...

[sigh] OH... That's different... Never Mind....

Rick AH7H

Sal M. Onella wrote:
> "Rod Maupin" <someone@someserver.com> wrote in message
> news:j_SdnSfrCp-ArbHYnZ2dnUVZ_sydnZ2d@neonova.net...
>
>>I'm planning on putting up a tower and a question I've always had is about
>>coax standoffs. Are they necessary?
>
>
> No. If somebody used standoffs for coax, it was probably money wasted.
> Coax can be secured directly to the mast or tower, coiled on itself, and
> even buried (some types). It could even be tied in loose knots without
> having its electrical properties affected. You just can't crush it or bend
> it tighter than the bend radius specified for the cable.
>
> Open wire line and TV twinlead must be kept away from metallic structures
> and not coiled. That's what you use standoffs for.
>
> In a few cases, some form of standoff might be used when the coax forms a
> rotor loop, but such use is strictly mechanical.
>
> 73
> "Sal"
>
>

658. Re: AM Radio

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 07:32:07 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <S51Xg.6162$nn6.5686@bignews6.bellsouth.net>
Source record: 51232

"Walter Maxwell" <walt@w2du.com> wrote in message
news:u4qii2te2u47qph4habddrs0cvagfjvsg5@4ax.com...
> On Sun, 8 Oct 2006 00:01:35 -0000, "Dave" <noone@nowhere.com> wrote:
>
>>yes, look somewhere around 1880-1890 or so for some AM activity on 160m.
>>
>>
>>"JIMMIE" <JIMMIEDEE123@YAHOO.COM> wrote in message
>>news:1160258002.926885.205010@e3g2000cwe.googlegroups.com...
>>> Is DSB with carrier still used on the ham bands?. I recently dug an old
>>> transmitter I made back in 1970. The plans at the time was set up a low
>>> power AM FCC licensed radio station operating in the broadcast band. We
>>> had no idea what we were doing except we got the transmitter built. For
>>> grins and giggles I fired the thing up and it works just fine. Is
>>> anything still happening on 160m AM. I lose track of whats going on
>>> because I am in and out of radio these days. over the last few years
>>> mostly out
>>>
> Also look between 3.80 and 3.85 MHz. You'll find lots of AMers there.
>
> Walt, W2DU
>

Thanks Walt, do you think I can do much with 20 watts. I undestand those
guys use max legal power and then some.

659. Wanting to examine mutual coupling

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 10:55:01 UTC
From: ryan.mitchley@gmail.com
Message-ID: <1160564101.622876.65640@m73g2000cwd.googlegroups.com>
Source record: 51233

Hi all

I'm doing some post-grad work involving antenna arrays.

I would like to compare my simplistic model (perfectly isotropic ominidirectional dipoles with zero mutual coupling) to a model that includes coupling effects. This is not the major focus of my thesis, but it's something I need to do, anyway.

I would basically like to get a handle on what kinds of phase differences (in degrees) exist between the two models, for certain frequencies and geometries.

I believe EZNEC may be capable of this (I have the demo)? Any other recommendations?

If anyone would be kind enough to walk me through an outline of what I'd need to do in EZNEC, I'd appreciate the help! (I am pretty new to finite-element EM modelling)

Thanks for any and all replies!

Ryan

660. dipole length vs db

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 11:06:23 UTC
From: ml <m@di.net>
Message-ID: <m-12FBAF.07062211102006@news.verizon.net>
Source record: 51234

hi

I ponder once again , and got a bit confused :

Currently i have a centerfed horiz dipole up pretty high

it's total length is less than 40ft, center feed via my sgc

i was thinking it'd be nice to have a SIGNIFICANT /real order of
magnatude type improvement in 'performance' or gain

my thought therefore went to making the dipole longer (as it's kinda on
the short side now)

so given the effort involved i wonder how much longer do i have to make
it to really extract a sig difference?

thanks

m

661. WTT - kenwood TS-440S w/AT for HF vertical

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 11:56:37 UTC
From: John Schneider <thecop@optonline.net>
Message-ID: <VZ4Xg.20$tv5.9@newsfe10.lga>
Source record: 51235

I have a Kenwood TS-440S w/AT. The cabinet is an 8 out of 10 and the display is a 9.5 out of 10. I have the original owners manual as well. No mic. The radio was in service up to one week ago and worked very well.

I am looking to trade for an HF vertical in excellent condition, i.e. Gap Challenger, Titan, Cushcraft R7 or will consider Stepirr Vertical (+ cash, obviously).

Please email direct if interested.

Thank you,
John, KB2COP
thecop@optonline.net

662. Re: dipole length vs db

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 13:56:03 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1160574963.156857.281190@b28g2000cwb.googlegroups.com>
Source record: 51236

There are lots of factors to consider here. On the bands where your antenna is longer than a half wavelength dipole, it will show gain over the equivalent dipole. If you keep it about 40 feet, it will have a single main lobe all the way up to 10m, where it's getting close to being an extended double zepp (two 5/8ths wave halves)

If you make it much longer, the pattern will break up into multiple lobes on the highest bands (which can, but not always will be, higher gain, but in weird directions, and there will be deep nulls)

Of course, the higher bands (10, 12, to a certain extent 15) are dead these days, so maybe we can exclude them from consideration.

- - - - -

The other thing to look at is the matching efficiency on the LOW bands. The antenna is very, very short for 160 and 80m and is quite short for 40m operation. The tuner, if it will give you a match at all, isn't going to be operating as efficiently as it could when you're operating on the lower frequencies. Lengthening the antenna would help that, and in that case, the gain could change a LOT, in the sense that you'd have a lot less LOSS.

So it depends on what you want to do. If you're doing a lot on 80m and 40m, and want to have a dipole-like pattern all the way up to 17m, I would suggest making the antenna maybe 74 feet total or so. This will still put the 17m main lobe broadside to the antenna like a dipole (though with some nonnegligible secondary lobes, but that's OK) and will do much better on 80m as far as the tuner's ability to match.

The multi-lobed nature on 15, 12, and 10 wouldn't ruin all operation there.

- - - - -

If you want to get gain in a particular direction using just a single wire, you need phasing sections, but that gain isn't all that useful unless you have a particular narrow direction that you favor, and your gain would be single-band anyway.

So what you gain by lengthening a straight wire is more that you'll have *less loss* on the lower bands, not so much that you'd get gain on the higher bands (though a 74 foot doublet does have about 2.5dB gain over a 1/2 wave dipole on 17m), and if you're trying to use a 40 foot dipole on, say, 80m, you could expect many dB of improvement by moving to a longer antenna.

Dan

663. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 15:17:43 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <rW7Xg.9386$TV3.7468@newssvr21.news.prodigy.com>
Source record: 51237

Tom Ring wrote:
> EVERYTHING is a subset of physics. Even biology.

If politics is a subset of physics and only Jim
Kelley's definitions are allowed, then President
Bush doesn't have any power.
--
73, Cecil http://www.w5dxp.com

664. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 15:27:55 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <%38Xg.9388$TV3.8632@newssvr21.news.prodigy.com>
Source record: 51238

Jim Kelley wrote:
> Every once in a while, when I'm reading the interesting technical prose
> that Cecil writes here and elsewhere, Cliff Clavin comes to mind for
> some reason.

Was he like some people who post ad hominem attacks devoid
of any technical content? :-)
--
73, Cecil http://www.w5dxp.com

665. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 15:53:16 UTC
From: Glen Overby <coreSPAMsample@charter.net>
Message-ID: <ckgvv3-cbu.ln1@monolith.nodomain>
Source record: 51240
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Diamond Dave <sjester911@yahoo.com> wrote:
>Good for you! It's not often that someone would come right out and admit that a
>radop that can copy high speed CW is better than himself, but you did.
>Congrats!

could I have the honor of knowing your call sign?

666. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 16:03:41 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <xB8Xg.9400$TV3.1229@newssvr21.news.prodigy.com>
Source record: 51239

Jim Kelley wrote:
> It might not be entirely fair to translate a lack of response to a lack
> of ability. There are other factors as well, among them being lack of
> even the slightest amount of interest, and difficulty deciphering what
> the heck you are talking about from one moment to the next. ;-)

True, and I also ignore postings that are an obvious
diversion away from the topic. Certain people think
they can win arguments by taking people on A Wild Goose
Chase Down A Primrose Path. All it does is waste time.
From now on, I will label such attempts as AWGCDAPP so
the perp will know that I am not ignoring him.
--
73, Cecil http://www.w5dxp.com

667. Re: AM Radio

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 16:17:08 UTC
From: Walter Maxwell <walt@w2du.com>
Message-ID: <eq5qi2phheh0n2ot291ir1huuedm9mpl8d@4ax.com>
Source record: 51241

On Wed, 11 Oct 2006 03:32:07 -0400, "Jimmie D" <jimmiedee@bellsouth.net> wrote:

>
>"Walter Maxwell" <walt@w2du.com> wrote in message
>news:u4qii2te2u47qph4habddrs0cvagfjvsg5@4ax.com...
>> On Sun, 8 Oct 2006 00:01:35 -0000, "Dave" <noone@nowhere.com> wrote:
>>
>>>yes, look somewhere around 1880-1890 or so for some AM activity on 160m.
>>>
>>>
>>>"JIMMIE" <JIMMIEDEE123@YAHOO.COM> wrote in message
>>>news:1160258002.926885.205010@e3g2000cwe.googlegroups.com...
>>>> Is DSB with carrier still used on the ham bands?. I recently dug an old
>>>> transmitter I made back in 1970. The plans at the time was set up a low
>>>> power AM FCC licensed radio station operating in the broadcast band. We
>>>> had no idea what we were doing except we got the transmitter built. For
>>>> grins and giggles I fired the thing up and it works just fine. Is
>>>> anything still happening on 160m AM. I lose track of whats going on
>>>> because I am in and out of radio these days. over the last few years
>>>> mostly out
>>>>
>> Also look between 3.80 and 3.85 MHz. You'll find lots of AMers there.
>>
>> Walt, W2DU
>>
>
>Thanks Walt, do you think I can do much with 20 watts. I undestand those
>guys use max legal power and then some.
>

Hi Jimmie,

I think it depends a lot on how high the noise level is. Son Bill, W2WM, in my town DeLand, FL, is using all Collins, 75A-4 rcvr and 32V-3 xmtr. He's been trying to get in on 3.80 MHz for several days--unsuccessful with 100 w input, but hoping. Son Rick, W8KHK, in Marietta, GA, also all Collins, with 75A-4 rcvr and 32V-2 xmtr, but not on the air with them yet. Hopefully next week.

Stay tuned.

Walt, W2DU

668. Re: Modelling Antenna Factor of small loop

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 16:32:50 UTC
From: Frank's <frank599@nospam.telus.net>
Message-ID: <S09Xg.19254$H7.1056@edtnps82>
Source record: 51242

"Owen Duffy" <owen@no.where> wrote in message
news:ugaoi2l82f4t8r1ldgkq0h4porqcgh9p9k@4ax.com...
>
> I am working on prediction of the Antenna Factor of a small square
> loop, and have created and run NEC-2 Models at a range of frequencies.
> The models are documented in the draft article at
> http://www.vk1od.net/SmallUntunedSquareLoop/ssulNEC.htm .
>
> I would appreciate comments on potential pitfalls in the models that I
> have created. Should I expect an antenna built to the design to
> perform with perhaps tenths of a dB of the model?
>
> Owen
> --

One thing that has bothered me about small loop modeling. When
driven with a voltage source; loops of length < 0.1 wavelengths
exhibit a radiated power ,and efficiency, of < 0. In other words
the structure loss is > than the input power. Removing
the wire conductivity loading corrects the problem. In your
particular case, at 5 MHz, the real input impedance is
more than three orders of magnitude greater than the radiation resistance.
I guess it could just be numerical rounding errors, but have gotten
identical results when using double precision.

Frank

669. Re: Wanting to examine mutual coupling

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 16:41:21 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <pb7qi2dml9dprv09j7thvs39s2l8tbkokd@4ax.com>
Source record: 51243

On 11 Oct 2006 03:55:01 -0700, ryan.mitchley@gmail.com wrote:

>I believe EZNEC may be capable of this (I have the demo)? Any other
>recommendations?

Hi Ryan,

It certainly is enough, given your stated goal.

>If anyone would be kind enough to walk me through an outline of what
>I'd need to do in EZNEC, I'd appreciate the help! (I am pretty new to
>finite-element EM modelling)

Open the file 4SQTL.EZ and select "View Ant," Once you appreciate
what you've got, select the button "FF Plot" to observe the
directionality. Select the button "Src Data" to observe the drive
point impedances. Select the button ">" next to the label "Sources"
to see their placement and phase.

If your designing becomes more elaborate and goes beyond the demo 20
segment limitation (not a problem with the file suggested here), you
may want to buy the package.

73's
Richard Clark, KB7QHC

670. Re: Wanting to examine mutual coupling

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 16:50:45 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <5v7qi2pq86qf1slnka1bkpq6ok2kkm8vti@4ax.com>
Source record: 51244

On Wed, 11 Oct 2006 09:41:21 -0700, Richard Clark <kb7qhc@comcast.net>
wrote:

>Select the button ">" next to the label "Sources"
>to see their placement and phase.

Hi Ryan,

Right advice, wrong file. In addition to the advice previously
offered, open file 4SQUARE.EZ and repeat instructions. The two files
lead to the same outcome for the same reason. The difference is this
file reveals how to do it with 4 sources.

This, by the way, gives you all the characteristics you asked for such
as mutual coupling. So does the first file, but this one is probably
more illustrative for revealing the drive point Zs and how that mutual
coupling affects them.

Move the single elements around and observe the full effects and
outcomes.

73's
Richard Clark, KB7QHC

671. Re: dipole length vs db

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 17:07:40 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <wx9Xg.21760$lj.1760@newssvr14.news.prodigy.com>
Source record: 51245

n3ox.dan@gmail.com wrote:
> If you make it much longer, the pattern will break up into multiple
> lobes on the highest bands (which can, but not always will be, higher
> gain, but in weird directions, and there will be deep nulls)

Mr. Varney didn't think his 20m G5RV radiation directions
were weird. :-)
--
73, Cecil http://www.w5dxp.com

672. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 17:43:12 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <egjafi$3ft$1@news.service.uci.edu>
Source record: 51246

Cecil Moore wrote:
> If politics is a subset of physics and only Jim
> Kelley's definitions are allowed, then President
> Bush doesn't have any power.

Welcome back Cliffy!

:-)

ac6xg

673. Re: Coax Standoffs

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 18:48:48 UTC
From: Wes Stewart <n7ws*@*yahoo.com>
Message-ID: <d2fqi2ljottuc7iherg1q32lak4ig3183h@4ax.com>
Source record: 51247

On Tue, 10 Oct 2006 16:43:25 -0700, "Rod Maupin"
<someone@someserver.com> wrote:

>I'm planning on putting up a tower and a question I've always had is about
>coax standoffs. Are they necessary?

With a crank-up tower, maybe. Otherwise, no.

674. Re: Two Meter FM Wire Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 18:49:19 UTC
From: richardharrison@webtv.net
Message-ID: <7330-452D3CAF-14@storefull-3256.bay.webtv.net>
Source record: 51248

Geoff Mendleson offered some good advice.
The dipole he suggested can be made using one 19-inch whip as the upper half of a vertical dipole and a 19-inch metal tube as the lower half of the dipole. The tube is also used as a sleeve over the coax which feeds the dipole at its center.

This antenna is often called a coaxial or sleeve antenna. It is also often disguised to appear as something else such as a flagpole, etc. This antenna has 0 dBd gain and is omnidirectional in the horizontal plane. It works well in almost any line of sight direction and so is useful with portable and mobile stations. It is as good as a ground plane antenna without projections to cause injuries.

Best regards, Richard Harrison, KB5WZI

675. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 19:49:28 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <bliqi2t8siccdsfabf1qdlh88one2glasu@4ax.com>
Source record: 51249

On Wed, 11 Oct 2006 10:43:12 -0700, Jim Kelley <jwkelley@uci.edu>
wrote:

>
>
>Cecil Moore wrote:
>> If politics is a subset of physics and only Jim
>> Kelley's definitions are allowed, then President
>> Bush doesn't have any power.
>
>Welcome back Cliffy!
>
>:-)
>
>ac6xg

Ah! the proof of reputation informing us all. :-0

676. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 20:07:33 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <9acXg.5176$NE6.2964@newssvr11.news.prodigy.com>
Source record: 51250

Jim Kelley wrote:
>
> Cecil Moore wrote:
>> If politics is a subset of physics and only Jim
>> Kelley's definitions are allowed, then President
>> Bush doesn't have any power.
>
> Welcome back Cliffy!

Had a good time playing with my grand niece and grand nephew
in TN whose IQ's are impossible to measure in public schools.
It runs in the family. :-)

Back to the present thread. I infer that you believe
that Hecht's total irradiance equations are in error?
Before you reply, let me remind you that Dr. Best was
the first one, to the best of my knowledge, to publish
the irradiance equations in an amateur radio
publication, QEX.

In the following fixed font diagram, IR is the Index
of Refraction.

```
air | 1/4WL thin-film | Glass
1W Laser---IR=1.0---|----IR=1.222-----|--IR=1.493---...
Ifor=1W | Ifor=1.0101W | Ifor=1W
Iref=0.01W | Iref=0.0101W | Iref=0
```

Note that I is "irradiance", not current.

Given: The irradiance reflection coefficient is 0.01
at both interfaces. The irradiance transmission coefficient
is 0.99 at both interfaces. Please describe your theory of
the wave cancellation process occurring at the air to thin-
film interface without using the superposition and interference
principles that I have been using to which you object.
--
73, Cecil http://www.w5dxp.com

677. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 20:26:20 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <egjk1d$9sf$1@news.service.uci.edu>
Source record: 51251

Cecil Moore wrote:

> The irradiance reflection coefficient is 0.01
> at both interfaces.

"It's a little known fact that cows were domesticated in Mesopotamia
and were also used in China as guard animals for the forbidden city."

:-)
ac6xg

678. Re: Two Meter FM Wire Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 21:51:02 UTC
From: gsm@mendelson.com
Message-ID: <slrneiqpa7.ams.gsm@cable.mendelson.com>
Source record: 51252

Richard Harrison wrote:

> Geoff Mendleson offered some good advice.

Thanks Richard. I appreciate the mention.

> The dipole he suggested can be made using one 19-inch whip as the upper
> half of a vertical dipole and a 19-inch metal tube as the lower half of
> the dipole. The tube is also used as a sleeve over the coax which feeds
> the dipole at its center.

The advantage of using a whip and tube are the much wider bandwith than
with a wire antenna. However if you are really stuck for places to put
it, two 19" pieces of wire will do. Since most people only use a few
watts on 2m FM, then the thinnest wire you can find will probably do.

> This antenna is often called a coaxial or sleeve antenna. It is also
> often disguised to appear as something else such as a flagpole, etc.
> This antenna has 0 dBd gain and is omnidirectional in the horizontal
> plane. It works well in almost any line of sight direction and so is
> useful with portable and mobile stations. It is as good as a ground
> plane antenna without projections to cause injuries.

I think someone sells one that is a plastic pipe you slip over a vent
pipe.

If you are allowed TV antennas, you can build a "CIA special" which is
a 2m and 440 beam fed by 300 ohm twinlead. On HF, the twinlead becomes
the antenna and the beam part a capacative hat.

I hid a J-Pole made of 300 ohm twinlead in side a white plastic pipe.
If you use thin enough coax to feed it, it can be used to support all
sorts of things, a pin-wheel or wind speed gage for example.

73,

Geoff.

--
Geoffrey S. Mendelson, Jerusalem, Israel gsm@mendelson.com N3OWJ/4X1GM
IL Voice: (07)-7424-1667 Fax ONLY: 972-2-648-1443 U.S. Voice: 1-215-821-1838
Visit my 'blog at http://geoffstechno.livejournal.com/

679. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-11 22:27:25 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <hdeXg.9479$TV3.3614@newssvr21.news.prodigy.com>
Source record: 51253

Jim Kelley wrote:
> Cecil Moore wrote:
>> The irradiance reflection coefficient is 0.01
>> at both interfaces.
>
> "It's a little known fact that cows were domesticated in Mesopotamia and
> were also used in China as guard animals for the forbidden city."

Perhaps, should I have used the term, "reflectance"?
Allow me to refer you to page 120, "Optics", by Hecht, 4th
edition, equation for reflectance, R, "ratio of the reflected
power to the incident power". (References are a bitch to
deal with, huh?) Note that reflectance, irradiance reflection
coefficient, and RF engineering's power reflection coefficient
are all the same thing.
--
73, Cecil http://www.w5dxp.com

680. Re: dipole length vs db

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 00:36:44 UTC
From: ml <m@di.net>
Message-ID: <m-210C43.20364011102006@news.verizon.net>
Source record: 51254

thanks very much for taking the time to help me out dan, appreciate it

some of what you wrote sorta confused me, and maybe some left me
wondering still

i see what you ment about adding length improving the lower frequencies
80m i am 'ok' with that

but if I made the antenna length for ex 74' it's 'bad' or sort of less
than ideal things would happen on say 10m??? meaning it would be
'too' long?

so my goal here was an extreem gain 2orders of magnatude at least i
sorta thought that perhaps a wave on the lowest freq (160)might be
ok, but i get confused on how say that would negatively effect 10m

as the lobes increse their the penality is lots of nulls and radating
in odd directions?

so if i was listening to 10m and a sig was comming in on my existing
antenna say s9 and i made the antenna 74ft the signal would be lower?
maybe?

if this is true to get an 'optimal' all bad dipole you'd have to have
say 2 of them a 160-40 another for the rest?

just a little confused

In article <1160574963.156857.281190@b28g2000cwb.googlegroups.com>,
"n3ox.dan@gmail.com" <n3ox.dan@gmail.com> wrote:

> There are lots of factors to consider here. On the bands where your
> antenna is longer than a half wavelength dipole, it will show gain over
> the equivalent dipole. If you keep it about 40 feet, it will have a
> single main lobe all the way up to 10m, where it's getting close to
> being an extended double zepp (two 5/8ths wave halves)
>
> If you make it much longer, the pattern will break up into multiple
> lobes on the highest bands (which can, but not always will be, higher
> gain, but in weird directions, and there will be deep nulls)
>
> Of course, the higher bands (10, 12, to a certain extent 15) are dead
> these days, so maybe we can exclude them from consideration.
>
> - - - - -
>
> The other thing to look at is the matching efficiency on the LOW bands.

> The antenna is very, very short for 160 and 80m and is quite short for
> 40m operation. The tuner, if it will give you a match at all, isn't
> going to be operating as efficiently as it could when you're operating
> on the lower frequencies. Lengthening the antenna would help that, and
> in that case, the gain could change a LOT, in the sense that you'd have
> a lot less LOSS.
>
> So it depends on what you want to do. If you're doing a lot on 80m and
> 40m, and want to have a dipole-like pattern all the way up to 17m, I
> would suggest making the antenna maybe 74 feet total or so. This will
> still put the 17m main lobe broadside to the antenna like a dipole
> (though with some nonnegligible secondary lobes, but that's OK) and
> will do much better on 80m as far as the tuner's ability to match.
>
> The multi-lobed nature on 15, 12, and 10 wouldn't ruin all operation
> there.
>
> - - - - -
>
> If you want to get gain in a particular direction using just a single
> wire, you need phasing sections, but that gain isn't all that useful
> unless you have a particular narrow direction that you favor, and your
> gain would be single-band anyway.
>
> So what you gain by lengthening a straight wire is more that you'll
> have *less loss* on the lower bands, not so much that you'd get gain on
> the higher bands (though a 74 foot doublet does have about 2.5dB gain
> over a 1/2 wave dipole on 17m), and if you're trying to use a 40 foot
> dipole on, say, 80m, you could expect many dB of improvement by moving
> to a longer antenna.
>
> Dan

681. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 01:00:50 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <6tgXg.8071$Y24.103@newsread4.news.pas.earthlink.net>
Source record: 51255
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Iitoi" <iitoi@earthlink.net> wrote in
news:ScaXg.7929$Y24.6296@newsread4.news.pas.earthlink.net:

> 80M and 40M phone band expansion
>
> http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-149A1.doc

I don't know if we'll get Mad right away but it's clear the FCC and the
ARRL want to drive all good hams out of the service. Little by little
they'll take away the non-phone portions of the bands and hand it over to
the phone users. Like a frog in a pot of water that's raised to boiling
point, one day us real hams will find we have to place to communicate on
the ham bands that doesn't sound like Citizens Band.

SC

682. Re: Hams just want to talk on microphones. They hate skill and everyone that's skillful

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 01:00:53 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <9tgXg.8073$Y24.5332@newsread4.news.pas.earthlink.net>
Source record: 51256
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Rich <nobody@nowhere.com> wrote in
news:evhoi2h2min70s2029lh7abo4m8oiuuqhv@4ax.com:

> On Wed, 11 Oct 2006 00:44:32 GMT, Slow Code <my.mail@no.spam> wrote:
>
>>Rich <nobody@nowhere.com> wrote in
>>news:8ruli2pgdnkrr9gh70fpl9i5sn904va0b6@4ax.com:
>>
>>> On Tue, 10 Oct 2006 01:08:37 GMT, Slow Code <my.mail@no.spam> wrote:
>>>
>>>>Once things start rolling downhill it's hard to stop it. Look what
>>>>happened to CB. You want that on ham radio?
>>>>
>>>>
>>>>SC
>>>
>>> you apparently aren't familiar with what's been going on down on
>>> 75/80m and also on 20m. read the fcc actions in most any ham magazine
>>> and you'll see that by and large the offenders are general class
>>> licensees and above.
>>>
>>> now, of course, not all, not even most, generals, advanced and extra
>>> class ticket holders act cause problems. heck, not even most hams.
>>> but i still don't see how doing ANY of the things you suggest will do
>>> anything EXCEPT thin the ranks which, in my mind, will do nothing but
>>> cause our service to become extinct.
>>
>>
>>And dumbing down the exams will make us irrelevant.
>>
>>SC
>
>
> who's suggesting anything about dumbing down the written test?
>
> 73,
> rich, n9dko

But the written tests have been dumbed down as well. You don't need to
answer as many questions over-all for the General and Extra as you used
to.

SC

683. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 01:00:57 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <dtgXg.8075$Y24.2691@newsread4.news.pas.earthlink.net>
Source record: 51259
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

N2EY@AOL.COM wrote in
news:1160528893.541201.235850@b28g2000cwb.googlegroups.com:

> Slow Code wrote:
>> N2EY@AOL.COM wrote in
>> news:1160444791.838619.317470@h48g2000cwc.googlegroups.com:
>>
>> >
>> > Slow Code wrote:
>> >> N2EY@AOL.COM wrote in
>> >> news:1160355034.027312.303950@i3g2000cwc.googlegroups.com:
>> >>
>> >> > Slow Code wrote:
>> >> >
>> >> >> Could you pass all the tests again today, or would you have to
>> >> >> study a little first?
>> >> >
>> >> > I could pass them all again, no study needed. And that goes for
>> >> > written, Morse Code receiving and Morse Code sending.
>> >> >
>> >> > Bring out any FCC amateur radio license test from Novice to Extra,
>> >> > from any time since I first got my license in 1967, and I'll pass
>> >> > it. I'll probably even be able to pass tests from long before I
>> >> > was licensed, too.
>> >> >
>> >> > Every so often I try an online practice exam, just to be sure. No
>> >> > problem.
>> >> >
>> >> > BUT
>> >> >
>> >> > I don't see any reason to require routine retesting of hams who
>> >> > haven't broken the rules. FCC trusts us to keep current - that's
>> >> > part of the "conditions of grant".
>> >> >
>> >> > FCC currently uses retesting as a sort of enforcement tool - if
>> >> > someone acts like they don't know what the rules are, or if there
>> >> > is some doubt as to whether a test session was on the up-and-up,
>> >> > FCC will sometimes require a specific retest.
>> >> >
>> >> > If you demand that all hams be retested, what you're telling FCC
>> >> > is that we cannot be trusted to keep up with the rules. Is that a
>> >> > good thing?

>> >> >
>> >> > FCC doesn't require routine retesting of commercial licenses - why
>> >> > should they require it of amateurs?
>> >>
>> >>
>> >> Everything has been dumbed down, not just ham licenses.
>> >
>> > I don't think so.
>> >
>> >> We can't have
>> >> skills anymore in america, everyone has to be equal.
>> >
>> > Where do you get that idea?
>> >
>> > Equality of opportunity, yes. That's not the same thing as equality
>> > of result.
>> >
>> >>That's what happens
>> >> when liberals get to make & change policy. Too many liberals in
>> >> government.
>> >>
>> > Either you don't know your history, or you've got some weird
>> > definition of "liberal".
>> >
>> > For example:
>> >
>> > Were JFK and LBJ "liberals"? It was under their administrations that
>> > we got the rules changes known as "incentive licensing".
>> >
>> > Were Ronald Reagan and George H. W. Bush "liberals"? It was under
>> > their administrations that we got:
>> >
>> > - FCC exams replaced by VEC exams
>> >
>> > - Openly published question pools
>> >
>> > - End of Morse Code sending test
>> >
>> > - General/Tech written test split in two parts so that Techs did not
>> > have same written as Generals
>> >
>> > - Medical waivers for 13 and 20 wpm code tests (Bush "asked" FCC for
>> > this directly, as a favor to a King that was a ham)
>> >
>> > - Technician lost its code test
>> >
>> > Is George "Dubya" Bush a "liberal"? Under his administration, we got:
>> >
>> > - FCC support for BPL
>> >

>> > - ITU treaty changed to eliminate wording requiring code test.
>> >
>> > - NPRM proposing complete elimination of code test
>> >
>> > Now - are all those folks reducing the requirements "liberals"?
>>
>>
>> It's the state of that nation.
>
> Which nation?
>
>> Everyone's got to have their handout.
>> Outcome based licensing. Can't have both quality and quantity anymore.
>>
>> SC
>
> You blamed it on "liberals". But look at who was in charge when all
> those reductions in requirements came about.

I emailed President Bush he should kick out all the Bill Clinton Liberals in the FCC after he got elected, but he didn't. I can't blame him though because he choose to tackle the terrorist mess Bill Clintoon left the country instead. I feel a lot safer now than I did under Clinton, and the economy is better too.

I just wish all you people would take a stand against dumbing things down any further. If it continues, it going to make hams irrelevant and our bands will sound like CB.

SC

684. Re: I listen to Omega One Radio

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 01:00:59 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <ftgXg.8076$Y24.1470@newsread4.news.pas.earthlink.net>
Source record: 51260
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Papa Dog <papadogbg@yahoo.com> wrote in
news:MPG.1f9612a4234542aa989a40@news-server.carolina.rr.com:

> In article <eACVg.5938$Y24.3847@newsread4.news.pas.earthlink.net>,
> my.mail@no.spam says...
>> "Not Cocksucker Lloyd" <not_time_turd_lloyd@yahoo.com> wrote in
>> news:1160134904.164213.315210@b28g2000cwb.googlegroups.com:
>>
>> >
>> > Slow Code wrote:
>> >>
>> >> He doesn't have intellect.
>> >
>> > Why are you answering your own sockpuppets, Sniveling Cunt?
>> >
>>
>>
>> Mrs. Wiseman.
>>
>> You have a filthy mouth.
>>
>> SC
>>
> Pot Kettle Black!

Wrong.

Maybe you should undo your killfilter for a day or two so you can see what
the filth in RRAP looks like.

How's your CW practice coming along? Are you going to be a ham soon?

SC

685. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 01:01:00 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <gtgXg.8077$Y24.6505@newsread4.news.pas.earthlink.net>
Source record: 51257
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Papa Dog <papadogbg@yahoo.com> wrote in
news:MPG.1f96115f215d6889989a3e@news-server.carolina.rr.com:

> In article <fACVg.5939$Y24.395@newsread4.news.pas.earthlink.net>,
> my.mail@no.spam says...
>> Papa Dog <papadogbg@yahoo.com> wrote in
>> news:MPG.1f9085a4288aea7b989a3c@news-server.carolina.rr.com:
>>
>> > In article <15YUg.5049$Y24.2900@newsread4.news.pas.earthlink.net>,
>> > my.mail@no.spam says...
>> >>
>> >>
>> >> Thanks for posting that chuck. I've never broken any of those on
>> >> the air or on usenet. Maybe now Markie and everyone else will see
>> >> why CW is important.
>> >>
>> >> Thanks again and Keep up the good work.
>> >>
>> >> 73 de Slow Code
>> >>
>> >>
>> >>
>> >>
>> > You need to read them again SC. You break them daily on usenet.
>> > You're not considerate. You're down right unfriendly to some and
>> > You're about unprogressive as they come.
>> >
>> > 73
>> >
>> > Chris
>>
>>
>> You think that's bad? Wait until HF sounds 11 meters and you can't
>> find a decent contact anywhere. You'll see I was right.
>>
>> I crawled out of my hole around restructuring time. Then the ARRL and
>> FCC screwed ham radio. I went back in my hole again. Now the FCC and
>> it appears with the blessings of the ARRL is planning to toss CW all
>> together. I come out of my hole to fight for the integrity of ham radio
>> once again, but when the R&O comes out eliminating CW, I'll crawl back
>> into my hole again. Leaving you and everyone else the problem of trying
>> to deal with poor behavior and operating practice on the bands. The
>> result of dumbing down licensing.

>>
>> Outcome based education doesn't work, what makes you think outcome
>> based licensing will?
>>
>> SC
>>
> You still won't acknowledge your poor behavior that really hurts your
> cause.
>
> Chris

You choosing to disagree with a pro-coder doesn't constitute poor behavior on my part. How's your code practice coming along? Are you going to stick with it, or are you going to be one of them un-skilled hams.

SC

686. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 01:01:01 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <htgXg.8078$Y24.6683@newsread4.news.pas.earthlink.net>
Source record: 51258
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

```
Papa Dog <papadogbg@yahoo.com> wrote in
news:MPG.1f9611e2e91c939f989a3f@news-server.carolina.rr.com:

> In article <gACVg.5940$Y24.1159@newsread4.news.pas.earthlink.net>,
> my.mail@no.spam says...
>> Papa Dog <papadogbg@yahoo.com> wrote in
>> news:MPG.1f9086eb5bc7bd06989a3d@news-server.carolina.rr.com:
>>
>> > In article <VEgVg.7674$o71.6241@newsread3.news.pas.earthlink.net>,
>> > my.mail@no.spam says...
>> >> Phil Wheeler <wt6uh-ng7@yahoo.com> wrote in
>> >> news:R8dVg.263$zy2.260@tornado.socal.rr.com:
>> >>
>> >> > AC7PN wrote:
>> >> >> Slow Code wrote:
>> >> >>> Or is it like talking to someone on CB?
>> >> >>>
>> >> >>> SC
>> >> >>
>> >> >> The answer is "yes it is a real contact" and so far as you were
>> >> >> communicating with some one using a radio it also is "like
>> >> >> talking to someone on CB."
>> >> >>
>> >> >> Dude, your arrogance is showing.
>> >> >>
>> >> >
>> >> > I would have said ignorance ;)
>> >> >
>> >> > 73, Phil W7OX
>> >>
>> >>
>> >> Don't tell me You want to dumb down ham radio now as well. Where
>> >> have all the communicators gone?
>> >>
>> >> SC
>> >>
>> >
>> > Any 12 year old can learn code in 2 weeks. Getting rid of it would
>> > not dumb down Ham radio at all. Code is a good thing to know.
>> > Whether you use it or not is a personal preference. I think
>> > programming you're own software to send code yourself and building
>> > your own radio is a lot more technical than learning code.
>> >
```

>> > 73
>> >
>> > Chris
>>
>>
>> But people don't want to be skilled at anything anymore. They don't
>> want to make an effort to learn CW, they may not make an effort to
>> learn other things to advance themselves technically either.
>>
>> SC
>>
> If a 12 year old can learn it I don't consider it much of a technical
> skill. Nothing at all technical about CW. Building a transmitter, now
> that takes somw technical know how.
>
> Chris

Well if it's not a problem to learn, let's keep the requirement and raise
it to 13WPM. It's a bit boring doing code at 5 words per minute, and at
13 WPM you can copy someones call for help almost three times as fast.

SC

687. Re: It's amazing what people will say to try to justify dumbing down Amateur Radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 01:01:03 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <jtgXg.8079$Y24.1531@newsread4.news.pas.earthlink.net>
Source record: 51261
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

```
Opus- <jbuchy@shaw.ca> wrote in
news:d4soi25f9fp1kg65l51m713abij9h7kpsa@4ax.com:

> On Wed, 11 Oct 2006 00:44:42 GMT, Slow Code <my.mail@no.spam> spake
> thusly:
>
>>Opus- <jbuchy@shaw.ca> wrote in
>>news:iovli2lg2oiscbvcg0ej0eq723cpithf94@4ax.com:
>>
>>> On Tue, 10 Oct 2006 01:08:42 GMT, Slow Code <my.mail@no.spam> spake
>>> thusly:
>>>
>>>>k4yz_05@yahoo.com wrote in
>>>>news:1160392657.932021.251780@m7g2000cwm.googlegroups.com:
>>>>
>>>>
>>>> Cecil Moore wrote:
>>>>> Slow Code wrote:
>>>>> > It's funny, and most telling. The no-code hams have everything
>>>>> > over 30 MHz, but it's the code hams that are the one's moving ham
>>>>> > radio forward and doing anything technical wise.
>>>>>
>>>>> If that's true, it's certainly a change from half a
>>>>> century ago when we HF hams observed the VHF/UHF
>>>>> hams revolutionizing amateur radio with their
>>>>> technical expertise.
>>>>
>>>> Uhhhhhhhh...Cecil...??!?!
>>>>
>>>> Did you actually make that up, or just quote someone else who is
>>>> equally ill informed?
>>>>
>>>> Most of the people who were "moving forward" half a century ago
>>>> were ALSO folks who were active on and well known in HF circles...
>>>>
>>>> Unless, of course, you're now going to take Lennie's spin and
>>>> tell
>>>> us that any / everything reported in QST, CQ, etc, was only
>>>> "self-serviing rhetoric"...?!?!
>>>>
>>>> Try again.
>>>>
```

>>>>> Steve, K4YZ
>>>>
>>>>
>>>>Anyone that puts out an argument to keep the code requirement gets
>>>>teased by Cecil. He loves to throw out some goof-ball counter reply to
>>>>try to be-little the original argument.
>>>
>>> Pot, meet kettle.
>>
>>
>>No. All my arguments are good sound arguments.
>
> Oh PuhlEEEZE!!! Spelling Canada with a "K" is a good sound argument?
> Calling me a "lazy ass" is a good sound argument? Claiming I get a
> handout is a good sound argument?
>
> You have NEVER put out ANY kind of argument at all!!! Why don't you
> try to cite some source that back up any of your "good sound
> arguments".
>
> Free hint: Hurling insults and innuendo does NOT a "good sound
> argument" make.
>
> Hope this helps.

I'm sorry Opus, but I refuse to lie. You did get a hand-out, and you're
Lazy because you refuse to learn CW to 20wpm, and too lazy to to use it.
You don't want to be a good capable communicator in every way. That's just
how it is. I'm sorry if the truth seems like an insult. You're right
about one thing, I spelled Kanada wrong, I meant to type KKKanaduh. Eh.

SC

688. Would you go to a doctor that was allowed to take dumbed down medical exams?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 01:01:08 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <otgXg.8083$Y24.3192@newsread4.news.pas.earthlink.net>
Source record: 51262
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Interesting.

Radio can save a life too.

SC

689. Re: If two no-code hams contact each other on CB, is that a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 01:02:51 UTC
From: Rockinghorse Winner <rockinghorse@anonymous.to>
Message-ID: <452d942c$0$34556$742ec2ed@news.sonic.net>
Source record: 51263
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

> No kids...this whole code thing and the watering down of the test is simply
> a matter dividing and conquering so "they" can come in and tell us that our
> numbers don't justify the spectrum. Then...pfssssst!!!...there goes one band
> after another.
>
> If any of the no coders had any balls they'd be asking the fcc for real
> testing and redevelop the hobby into what it used to be instead of the inane
> weekend contesting and buffoons sitting there are sideband comparing which
> rigs have the most features.
> >

Nah, the spectrum has moved up to SHF, no one in govt or industry gives
a rat's ass about the spectrum below 30 MHz.

[Thanks for the cross posting. I need the publicity] :)

--
god bless

http://www.Hello-Radio.Com

http://home.xandros.com/products/home/home_edition.html

690. Re: Attic Antennas and Foil Backed Barriers

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 01:11:32 UTC
From: Rockinghorse Winner <rockinghorse@anonymous.to>
Message-ID: <452d9636$0$34556$742ec2ed@news.sonic.net>
Source record: 51264

Irv Finkleman wrote:
> In almost fifty years of hamming I never had an antenna
> that was anywhere near ideal. For many years I couldn't measure let alone
> spell SWR! I tied the wire onto the output of the pi-network and
> never considered antenna tuners. I thought the cold water pipe was great and all
> I needed. My antennas were too high, too low, or tilted the
> wrong way. Most were bent around corners, and resembled
> the fractal. Propagation let me think that if I got the signal into
> the air it would bounce around till I made a contact. If I heard
> someone I could usually work them. The RF burns were thrilling, and
> told me that I had output! I fired my arrows into
> the air and never ceased having fun. Ignorance was bliss. If
> I'd known much about antenna theory I'd still be working on the plans
> instead of on the air!
>
> Irv VE6BP

Lee<NY6P>

--
god bless

http://www.Hello-Radio.Com

http://home.xandros.com/products/home/home_edition.html

691. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 01:21:55 UTC
From: Rockinghorse Winner <rockinghorse@anonymous.to>
Message-ID: <452d98a4$0$34503$742ec2ed@news.sonic.net>
Source record: 51265
Cross-posted to:
rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

hams will tend to study the theory more while they build up their
code skill and they will understand the theory better and won't need to
ask silly questions\

There are no silly questions, really. I mean no one is born knowing
stuff. If you don't ask how will you ever know?

NY6P, Lee
--
god bless

http://www.Hello-Radio.Com

http://home.xandros.com/products/home/home_edition.html

692. Re: dipole length vs db

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 01:24:14 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <2PgXg.21926$lj.7507@newssvr14.news.prodigy.com>
Source record: 51266

ml wrote:
> but if I made the antenna length for ex 74' it's 'bad' or sort of less
> than ideal things would happen on say 10m??? meaning it would be
> 'too' long?

Too long for what? Horizontal long wire antennas have
certain radiation characteristics. Consider the rhombic.
Some say it's the best antenna in the world.

> so my goal here was an extreem gain 2orders of magnatude at least i
> sorta thought that perhaps a wave on the lowest freq (160)might be
> ok, but i get confused on how say that would negatively effect 10m
> as the lobes increse their the penality is lots of nulls and radating
> in odd directions?

Sometimes "odd" directions are the best if that's the
direction of your desired contact.

My own 130 foot dipole works like gangbusters on 17m.
It has 8 lobes each at about 8 dBi with a take-off-
angle of 19 degrees.

> so if i was listening to 10m and a sig was comming in on my existing
> antenna say s9 and i made the antenna 74ft the signal would be lower?
> maybe?

Maybe lower but maybe higher. Unknown directions for
horizontal antennas may be good.

The g5rv designer, Mr. Varney, deliberately designed his
20m dipole to be "too long" because he desired the multi-
lobed radiation pattern.
--
73, Cecil http://www.w5dxp.com

693. Re: Would you go to a doctor that was allowed to take dumbed down medical exams?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 01:58:07 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <PihXg.62098$5o5.52765@tornado.texas.rr.com>
Source record: 51267
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"Slow Code" <my.mail@no.spam> wrote in message
news:otgXg.8083$Y24.3192@newsread4.news.pas.earthlink.net...
>
> Interesting.
>
> Radio can save a life too.
>
> SC

It appears your mother did when she gave birth to you.

694. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 01:59:43 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <jkhXg.62116$5o5.52493@tornado.texas.rr.com>
Source record: 51268
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Slow Code" <my.mail@no.spam> wrote in message
news:6tgXg.8071$Y24.103@newsread4.news.pas.earthlink.net...
> "Iitoi" <iitoi@earthlink.net> wrote in
> news:ScaXg.7929$Y24.6296@newsread4.news.pas.earthlink.net:
>
>> 80M and 40M phone band expansion
>>
>> http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-149A1.doc
>
>
> I don't know if we'll get Mad right away but it's clear the FCC and the
> ARRL want to drive all good hams out of the service. Little by little
> they'll take away the non-phone portions of the bands and hand it over to
> the phone users. Like a frog in a pot of water that's raised to boiling
> point, one day us real hams will find we have to place to communicate on
> the ham bands that doesn't sound like Citizens Band.
>
> SC

Anyone got some of what he's smoking?

695. Re: Would you go to alt.fasion looking for cyber sex from kathy?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 02:01:10 UTC
From: marqueer@mail2world.com
Message-ID: <1160618470.523565.122310@e3g2000cwe.googlegroups.com>
Source record: 51269
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,alt.fashion,alt.usenet.kooks

Slow Code wrote:
> Interesting.
>
> kathy can suck nigger dick too,just like morky
>
> SC

But is Kathy male or female?

696. Re: It's amazing what people will say to try to justify dumbing down Amateur Radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 02:16:04 UTC
From: Opus- <jbuchy@shaw.ca>
Message-ID: <b49ri2tjro2up3okv064v9k07nvoffed67@4ax.com>
Source record: 51270
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Thu, 12 Oct 2006 01:01:03 GMT, Slow Code <my.mail@no.spam> spake
thusly:

>Opus- <jbuchy@shaw.ca> wrote in
>news:d4soi25f9fp1kg65l51m713abij9h7kpsa@4ax.com:
>
>> On Wed, 11 Oct 2006 00:44:42 GMT, Slow Code <my.mail@no.spam> spake
>> thusly:
>>
>>>Opus- <jbuchy@shaw.ca> wrote in
>>>news:iovli2lg2oiscbvcg0ej0eq723cpithf94@4ax.com:
>>>
>>>> On Tue, 10 Oct 2006 01:08:42 GMT, Slow Code <my.mail@no.spam> spake
>>>> thusly:
>>>>
>>>>>k4yz_05@yahoo.com wrote in
>>>>>news:1160392657.932021.251780@m7g2000cwm.googlegroups.com:
>>>>>
>>>>>>
>>>>>> Cecil Moore wrote:
>>>>>>> Slow Code wrote:
>>>>>>> > It's funny, and most telling. The no-code hams have everything
>>>>>>> > over 30 MHz, but it's the code hams that are the one's moving ham
>>>>>>> > radio forward and doing anything technical wise.
>>>>>>>
>>>>>>> If that's true, it's certainly a change from half a
>>>>>>> century ago when we HF hams observed the VHF/UHF
>>>>>>> hams revolutionizing amateur radio with their
>>>>>>> technical expertise.
>>>>>>
>>>>>> Uhhhhhhhh...Cecil...??!?!
>>>>>>
>>>>>> Did you actually make that up, or just quote someone else who is
>>>>>> equally ill informed?
>>>>>>
>>>>>> Most of the people who were "moving forward" half a century ago
>>>>>> were ALSO folks who were active on and well known in HF circles...
>>>>>>
>>>>>> Unless, of course, you're now going to take Lennie's spin and
>>>>>> tell
>>>>>> us that any / everything reported in QST, CQ, etc, was only
>>>>>> "self-serviing rhetoric"...?!?!

>>>>>>
>>>>>> Try again.
>>>>>>
>>>>>> Steve, K4YZ
>>>>>
>>>>>
>>>>>Anyone that puts out an argument to keep the code requirement gets
>>>>>teased by Cecil. He loves to throw out some goof-ball counter reply to
>>>>>try to be-little the original argument.
>>>>
>>>> Pot, meet kettle.
>>>
>>>
>>>No. All my arguments are good sound arguments.
>>
>> Oh PuhlEEEZE!!! Spelling Canada with a "K" is a good sound argument?
>> Calling me a "lazy ass" is a good sound argument? Claiming I get a
>> handout is a good sound argument?
>>
>> You have NEVER put out ANY kind of argument at all!!! Why don't you
>> try to cite some source that back up any of your "good sound
>> arguments".
>>
>> Free hint: Hurling insults and innuendo does NOT a "good sound
>> argument" make.
>>
>> Hope this helps.
>
>
>
>I'm sorry Opus, but I refuse to lie. You did get a hand-out, and you're
>Lazy because you refuse to learn CW to 20wpm, and too lazy to to use it.
>You don't want to be a good capable communicator in every way. That's just
>how it is. I'm sorry if the truth seems like an insult. You're right
>about one thing, I spelled Kanada wrong, I meant to type KKKanaduh. Eh.

Tell me right now what "handout" I have received. Back up your "good
sound arguments" or forever be a PROVEN liar!

You have lied and have been caught. You can't wiggle out of it.

Once again..you are a proven liar and a fool.

You are a disgrace to the amateur radio community.

--
Opus62@gmail.com
(Jim, single dad to Lesleigh [Autistic] 04/20/94)

"What, Me Worry?" A. E. Newman

Please note: All unsolicited e-mail sent to me may, at
my discretion, be posted in this newsgroup verbatim.

697. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 02:16:43 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <fAhXg.62292$5o5.48391@tornado.texas.rr.com>
Source record: 51271
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

```
"Slow Code" <my.mail@no.spam> wrote in message
news:htgXg.8078$Y24.6683@newsread4.news.pas.earthlink.net...
> Papa Dog <papadogbg@yahoo.com> wrote in
> news:MPG.1f9611e2e91c939f989a3f@news-server.carolina.rr.com:
>
>> In article <gACVg.5940$Y24.1159@newsread4.news.pas.earthlink.net>,
>> my.mail@no.spam says...
>>> Papa Dog <papadogbg@yahoo.com> wrote in
>>> news:MPG.1f9086eb5bc7bd06989a3d@news-server.carolina.rr.com:
>>>
>>> > In article <VEgVg.7674$o71.6241@newsread3.news.pas.earthlink.net>,
>>> > my.mail@no.spam says...
>>> >> Phil Wheeler <wt6uh-ng7@yahoo.com> wrote in
>>> >> news:R8dVg.263$zy2.260@tornado.socal.rr.com:
>>> >>
>>> >> > AC7PN wrote:
>>> >> >> Slow Code wrote:
>>> >> >>> Or is it like talking to someone on CB?
>>> >> >>>
>>> >> >>> SC
>>> >> >>
>>> >> >> The answer is "yes it is a real contact" and so far as you were
>>> >> >> communicating with some one using a radio it also is "like
>>> >> >> talking to someone on CB."
>>> >> >>
>>> >> >> Dude, your arrogance is showing.
>>> >> >>
>>> >> >
>>> >> > I would have said ignorance ;)
>>> >> >
>>> >> > 73, Phil W7OX
>>> >>
>>> >>
>>> >> Don't tell me You want to dumb down ham radio now as well. Where
>>> >> have all the communicators gone?
>>> >>
>>> >> SC
>>> >>
>>> >
>>> > Any 12 year old can learn code in 2 weeks. Getting rid of it would
>>> > not dumb down Ham radio at all. Code is a good thing to know.
>>> > Whether you use it or not is a personal preference. I think
```

>>> > programming you're own software to send code yourself and building
>>> > your own radio is a lot more technical than learning code.
>>> >
>>> > 73
>>> >
>>> > Chris
>>>
>>>
>>> But people don't want to be skilled at anything anymore. They don't
>>> want to make an effort to learn CW, they may not make an effort to
>>> learn other things to advance themselves technically either.
>>>
>>> SC
>>>
>> If a 12 year old can learn it I don't consider it much of a technical
>> skill. Nothing at all technical about CW. Building a transmitter, now
>> that takes somw technical know how.
>>
>> Chris
>
>
> Well if it's not a problem to learn, let's keep the requirement and raise
> it to 13WPM. It's a bit boring doing code at 5 words per minute, and at
> 13 WPM you can copy someones call for help almost three times as fast.
>
> SC

Name one real/valid/probable scenario for this. Let me guess, you crash land on the moon, have only a D-cell battery, some wire, a butter knife, happen to find some crystals, some silicon, somehow beyond your knowledge or abilities, manage to build a transmitter, and send your SOS back to Earth. Is that about right? Nah, you'd die trying to make it iambic.

698. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 02:19:51 UTC
From: Opus- <jbuchy@shaw.ca>
Message-ID: <7c9ri21p136061hhabebo7c6of6o64opun@4ax.com>
Source record: 51272
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Thu, 12 Oct 2006 01:00:57 GMT, Blow a Toad <my.mail@no.spam> spake
thusly:

>I just wish all you people would take a stand against dumbing things down
>any further. If it continues, it going to make hams irrelevant and our
>bands will sound like CB.

Right now, CB is totally dead. Nothing. Nada. Zip. Zilch.

Behavior like yours will push ham that way too. Who wants to be
associated with the likes of you?
--
Opus62@gmail.com
(Jim, single dad to Lesleigh [Autistic] 04/20/94)

"What, Me Worry?" A. E. Newman

Please note: All unsolicited e-mail sent to me may, at
my discretion, be posted in this newsgroup verbatim.

699. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 02:22:21 UTC
From: Mark@kb9rqz.net
Message-ID: <8l9ri25jccpikdmas6ljv5fol6ibcqmo07@4ax.com>
Source record: 51273
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Thu, 12 Oct 2006 01:01:01 GMT, Slow Code <my.mail@no.spam> wrote:

>Papa Dog <papadogbg@yahoo.com> wrote in
>news:MPG.1f9611e2e91c939f989a3f@news-server.carolina.rr.com:

>> If a 12 year old can learn it I don't consider it much of a technical
>> skill. Nothing at all technical about CW. Building a transmitter, now
>> that takes somw technical know how.
>>
>> Chris
>
>
>Well if it's not a problem to learn

funny how that wasn't what was said by the prveious poster SC

does code reading prevent you from reading english
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

700. Re: It's amazing what people will say to try to justify dumbing down Amateur Radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 02:23:43 UTC
From: Mark@kb9rqz.net
Message-ID: <on9ri2h8f97dujcn6k882nki88kafc73am@4ax.com>
Source record: 51274
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Thu, 12 Oct 2006 01:01:03 GMT, Slow Code <my.mail@no.spam> wrote:

>Opus- <jbuchy@shaw.ca> wrote in
>news:d4soi25f9fp1kg65l51m713abij9h7kpsa@4ax.com:
>
>> On Wed, 11 Oct 2006 00:44:42 GMT, Slow Code <my.mail@no.spam> spake

>>
>> Free hint: Hurling insults and innuendo does NOT a "good sound
>> argument" make.
>>
>> Hope this helps.
>
>
>
>I'm sorry Opus, but I refuse to lie.
then why do you lie so much
> You did get a hand-out, and you're
>Lazy because you refuse to learn CW to 20wpm, and too lazy to to use it.
where is your arguement?
>You don't want to be a good capable communicator in every way. That's just
>how it is. I'm sorry if the truth seems like an insult. You're right
>about one thing, I spelled Kanada wrong, I meant to type KKKanaduh. Eh.
clean up ham radio SC turn in YOUR license
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

701. Re: It's amazing what people will say to try to justify dumbing down Amateur Radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 02:24:39 UTC
From: Mark@kb9rqz.net
Message-ID: <6q9ri21fccd6jejo58ncunutnq4o8gs5sj@4ax.com>
Source record: 51275
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

```
On Thu, 12 Oct 2006 02:16:04 GMT, Opus- <jbuchy@shaw.ca> wrote:

>On Thu, 12 Oct 2006 01:01:03 GMT, Slow Code <my.mail@no.spam> spake
>thusly:
>
>>Opus- <jbuchy@shaw.ca> wrote in
>>news:d4soi25f9fp1kg65l51m713abij9h7kpsa@4ax.com:
>>
>>> On Wed, 11 Oct 2006 00:44:42 GMT, Slow Code <my.mail@no.spam> spake
>>> thusly:
>>>
>>>>Opus- <jbuchy@shaw.ca> wrote in
>>>>news:iovli2lg2oiscbvcg0ej0eq723cpithf94@4ax.com:
>>>>
>>>>> On Tue, 10 Oct 2006 01:08:42 GMT, Slow Code <my.mail@no.spam> spake
>>>>> thusly:
>>>>>
>>>>>>k4yz_05@yahoo.com wrote in
>>>>>>news:1160392657.932021.251780@m7g2000cwm.googlegroups.com:
>>>>>>
>>>>>>>
>>>>>>> Cecil Moore wrote:
>>>>>>>> Slow Code wrote:
>>>>>>>> > It's funny, and most telling. The no-code hams have everything
>>>>>>>> > over 30 MHz, but it's the code hams that are the one's moving ham
>>>>>>>> > radio forward and doing anything technical wise.
>>>>>>>>
>>>>>>>> If that's true, it's certainly a change from half a
>>>>>>>> century ago when we HF hams observed the VHF/UHF
>>>>>>>> hams revolutionizing amateur radio with their
>>>>>>>> technical expertise.
>>>>>>>
>>>>>>> Uhhhhhhhh...Cecil...??!?!
>>>>>>>
>>>>>>> Did you actually make that up, or just quote someone else who is
>>>>>>> equally ill informed?
>>>>>>>
>>>>>>> Most of the people who were "moving forward" half a century ago
>>>>>>> were ALSO folks who were active on and well known in HF circles...
>>>>>>>
>>>>>>> Unless, of course, you're now going to take Lennie's spin and
>>>>>>> tell
```

>>>>>>> us that any / everything reported in QST, CQ, etc, was only
>>>>>>> "self-serviing rhetoric"...?!?!
>>>>>>>
>>>>>>> Try again.
>>>>>>>
>>>>>>> Steve, K4YZ
>>>>>>
>>>>>>
>>>>>>Anyone that puts out an argument to keep the code requirement gets
>>>>>>teased by Cecil. He loves to throw out some goof-ball counter reply to
>>>>>>try to be-little the original argument.
>>>>>
>>>>> Pot, meet kettle.
>>>>
>>>>
>>>>No. All my arguments are good sound arguments.
>>>
>>> Oh PuhlEEEZE!!! Spelling Canada with a "K" is a good sound argument?
>>> Calling me a "lazy ass" is a good sound argument? Claiming I get a
>>> handout is a good sound argument?
>>>
>>> You have NEVER put out ANY kind of argument at all!!! Why don't you
>>> try to cite some source that back up any of your "good sound
>>> arguments".
>>>
>>> Free hint: Hurling insults and innuendo does NOT a "good sound
>>> argument" make.
>>>
>>> Hope this helps.
>>
>>
>>
>>I'm sorry Opus, but I refuse to lie. You did get a hand-out, and you're
>>Lazy because you refuse to learn CW to 20wpm, and too lazy to to use it.
>>You don't want to be a good capable communicator in every way. That's just
>>how it is. I'm sorry if the truth seems like an insult. You're right
>>about one thing, I spelled Kanada wrong, I meant to type KKKanaduh. Eh.
>
>Tell me right now what "handout" I have received. Back up your "good
>sound arguments" or forever be a PROVEN liar!
he has been proven many times that is part of the reason he hides his
call most likely
>
>You have lied and have been caught. You can't wiggle out of it.
>
>Once again..you are a proven liar and a fool.
>
>You are a disgrace to the amateur radio community.
yep he sure is
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

702. Re: I listen to Omega One Radio

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 02:25:49 UTC
From: Mark@kb9rqz.net
Message-ID: <hr9ri29la1igiuee01mjrke98326qtrij9@4ax.com>
Source record: 51176
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Thu, 12 Oct 2006 01:00:59 GMT, Slow Code <my.mail@no.spam> wrote:

>Papa Dog <papadogbg@yahoo.com> wrote in
>news:MPG.1f9612a4234542aa989a40@news-server.carolina.rr.com:
>

>>> You have a filthy mouth.
>>>
>>> SC
>>>
>> Pot Kettle Black!
>
>
>Wrong.
you have a filthy mouth (or keyboard if you prefer to get technical sc
>
>Maybe you should undo your killfilter for a day or two so you can see what
>the filth in RRAP looks like.
he sees you tand if he catches a fragament or 2 from wismen and
robeson he know
>
>How's your CW practice coming along? Are you going to be a ham soon?
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

703. . SC hates everyone that's skillful

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 02:41:20 UTC
From: Mark@kb9rqz.net
Message-ID: <4pari219d9dpnnid04lb4fkpld4b5ns6gf@4ax.com>
Source record: 51177
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Thu, 12 Oct 2006 01:00:53 GMT, Slow Code <my.mail@no.spam> wrote:

>Rich <nobody@nowhere.com> wrote in
>news:evhoi2h2min70s2029lh7abo4m8oiuuqhv@4ax.com:
>
>> On Wed, 11 Oct 2006 00:44:32 GMT, Slow Code <my.mail@no.spam> wrote:
>

>>>
>>>And dumbing down the exams will make us irrelevant.
>>>
>>>SC
>>
>>
>> who's suggesting anything about dumbing down the written test?
>>
>> 73,
>> rich, n9dko
>
>
>But the written tests have been dumbed down as well. You don't need to
>answer as many questions over-all for the General and Extra as you used
>to.
so what?

that may just eman the question are better
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

704. Re: Would you go to a doctor that was allowed to take dumbed down medical exams?<< if you doctor finshed in the last few he certian go through a dumbed down procedure

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 02:50:56 UTC
From: Mark@kb9rqz.net
Message-ID: <eabri2pr3et9e49o1o5fu7r4l6lsg9l3fk@4ax.com>
Source record: 51178
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Thu, 12 Oct 2006 01:01:08 GMT, Slow Code <my.mail@no.spam> wrote:

>
>Interesting.
>
>Radio can save a life too.
or one could simply the changes in harshness of internship and
residentcy were long over due corrections of past mistakes
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

705. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 02:59:53 UTC
From: Papa Dog <papadogbg@yahoo.com>
Message-ID: <MPG.1f9779b6f22a6e33989a41@news-server.carolina.rr.com>
Source record: 51179
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

In article <htgXg.8078$Y24.6683@newsread4.news.pas.earthlink.net>,
my.mail@no.spam says...
>
> Well if it's not a problem to learn, let's keep the requirement and raise
> it to 13WPM. It's a bit boring doing code at 5 words per minute, and at
> 13 WPM you can copy someones call for help almost three times as fast.
>
> SC
>
>
Have you been on a marine vessel or plane in the past 20 years? They
don't have a code key. They'll be calling Mayday on voice.

Chris

706. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 03:07:28 UTC
From: Mark@kb9rqz.net
Message-ID: <uacri21k662mo65s20aksnpbn11eg762bk@4ax.com>
Source record: 51180
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Thu, 12 Oct 2006 02:59:53 GMT, Papa Dog <papadogbg@yahoo.com>
wrote:

>In article <htgXg.8078$Y24.6683@newsread4.news.pas.earthlink.net>,
>my.mail@no.spam says...
>>
>> Well if it's not a problem to learn, let's keep the requirement and raise
>> it to 13WPM. It's a bit boring doing code at 5 words per minute, and at
>> 13 WPM you can copy someones call for help almost three times as fast.
>>
>> SC
>>
>>
>Have you been on a marine vessel or plane in the past 20 years? They
>don't have a code key. They'll be calling Mayday on voice.
>
>Chris
aw don't try and confuse ole sc with facts
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

707. Sc the paranoid

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 03:08:49 UTC
From: Mark@kb9rqz.net
Message-ID: <orari25hnft00cpivu45oskh1revqljteq@4ax.com>
Source record: 51181
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Thu, 12 Oct 2006 01:00:50 GMT, Slow Code <my.mail@no.spam> wrote:

>"Iitoi" <iitoi@earthlink.net> wrote in
>news:ScaXg.7929$Y24.6296@newsread4.news.pas.earthlink.net:
>
>> 80M and 40M phone band expansion
>>
>> http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-149A1.doc
>
>
>I don't know if we'll get Mad right away but it's clear the FCC and the
>ARRL want to drive all good hams out of the service.
get some therapy
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

708. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 03:28:14 UTC
From: Charlie <charlie@ease.biz>
Message-ID: <12irdj2c8dbghe8@corp.supernews.com>
Source record: 51182
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Might be he's toking down on some Hawaiian Salvia Divinorum....(google it)
-ps there is a Salvia ng too.....

"U-Know-Who" <no-one@nowhere.com> wrote in message
news:jkhXg.62116$5o5.52493@tornado.texas.rr.com...
>
> "Slow Code" <my.mail@no.spam> wrote in message
> news:6tgXg.8071$Y24.103@newsread4.news.pas.earthlink.net...
>> "Iitoi" <iitoi@earthlink.net> wrote in
>> news:ScaXg.7929$Y24.6296@newsread4.news.pas.earthlink.net:
>>
>>> 80M and 40M phone band expansion
>>>
>>> http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-149A1.doc
>>
>>
>> I don't know if we'll get Mad right away but it's clear the FCC and the
>> ARRL want to drive all good hams out of the service. Little by little
>> they'll take away the non-phone portions of the bands and hand it over to
>> the phone users. Like a frog in a pot of water that's raised to boiling
>> point, one day us real hams will find we have to place to communicate on
>> the ham bands that doesn't sound like Citizens Band.
>>
>> SC
>
> Anyone got some of what he's smoking?
>
>

709. Re: dipole length vs db

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 09:37:52 UTC
From: ml <m@di.net>
Message-ID: <m-9C1646.05374712102006@news.verizon.net>
Source record: 51183

thanks cecil, i kinda didn't fully understand some things in dan's post
my overalll takeaway was that just adding length to the antenna might be
'bad' ie not really garantee full band tremendious signal improvements
160m-10m in the same direction as i radiate now (mostly e-w) from his
post maybe he might add a few more comments to see how i can add
length and non direction gain to my setup on the higher freq side as
well as the lower

but i understood what you wrote cecil

i think for me to just try it might be most fun perhaps w/a switch
In article <2PgXg.21926$Ij.7507@newssvr14.news.prodigy.com>,
Cecil Moore <mycall@hotmail.com> wrote:

> ml wrote:
> > but if I made the antenna length for ex 74' it's 'bad' or sort of less
> > than ideal things would happen on say 10m??? meaning it would be
> > 'too' long?
>
> Too long for what? Horizontal long wire antennas have
> certain radiation characteristics. Consider the rhombic.
> Some say it's the best antenna in the world.
>
> > so my goal here was an extreem gain 2orders of magnatude at least i
> > sorta thought that perhaps a wave on the lowest freq (160)might be
> > ok, but i get confused on how say that would negatively effect 10m
> > as the lobes increse their the penality is lots of nulls and radating
> > in odd directions?
>
> Sometimes "odd" directions are the best if that's the
> direction of your desired contact.
>
> My own 130 foot dipole works like gangbusters on 17m.
> It has 8 lobes each at about 8 dBi with a take-off-
> angle of 19 degrees.
>
> > so if i was listening to 10m and a sig was comming in on my existing
> > antenna say s9 and i made the antenna 74ft the signal would be lower?
> > maybe?
>
> Maybe lower but maybe higher. Unknown directions for
> horizontal antennas may be good.
>
> The g5rv designer, Mr. Varney, deliberately designed his
> 20m dipole to be "too long" because he desired the multi-

> lobed radiation pattern.

710. Re: dipole length vs db

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 12:42:20 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <MKqXg.14337$6S3.4545@newssvr25.news.prodigy.net>
Source record: 51184

ml wrote:
> but i understood what you wrote cecil

Walter Maxwell's advice is to make the dipole at
least 3/8 wavelength on the lowest frequency of
operation, feed it with ladder-line through a
1:1 choke, and enjoy.
--
73, Cecil http://www.w5dxp.com

711. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 14:32:34 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <6msXg.12349$GR.10838@newssvr29.news.prodigy.net>
Source record: 51185

Jim Kelley wrote:
> Cecil Moore wrote:
>> The irradiance reflection coefficient is 0.01
>> at both interfaces.
>
> "It's a little known fact that cows were domesticated in Mesopotamia and
> were also used in China as guard animals for the forbidden city."

>> air | 1/4WL thin-film | Glass
>> 1W Laser---IR=1.0---|----IR=1.222-----|--IR=1.493---...
>> Ifor=1W | Ifor=1.0101W | Ifor=1W
>> Iref=0.01W | Iref=0.0101W | Iref=0

The reflectance (irradiance reflection coefficient) at
the air to thin-film interface is
[(1.222 - 1.0)/(1.222 + 1.0)]^2 = 0.01

The reflectance at the thin-film to glass interface is
[(1.493 - 1.222)/(1.493 + 1.222)]^2 = 0.01

1% of the irradiance is reflected at either surface and
99% of the irradiance is transmitted through the surfaces.

Would you like to engage in a technical discussion of
how non-reflective glass works or would you like to
keep avoiding that technical discussion?
--
73, Cecil, http://www.qsl.net/w5dxp

712. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 14:50:37 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <eglknuhjm1@news.service.uci.edu>
Source record: 51186

Cecil Moore wrote:
> Would you like to engage in a technical discussion of
> how non-reflective glass works or would you like to
> keep avoiding that technical discussion?

Your memory must be failing you, Cecil, as it was I who originally explained to you how anti-reflective coatings work and provided you with the Melles-Griot web site, the irradiance equations, and several references on the subject. I know how these coatings work. I have the optics bible, "Principles of Optics" by Born and Wolf sitting on my desk right here in front of me, and have referred to it frequently during our many previous technical discussions on the subject. Your pretense here is ridiculous.

Please cite a page number where your 1 watt laser problem can be found. Thanks.

73, Jim AC6XG

713. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 15:09:13 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <tUsXg.22011$lj.1236@newssvr14.news.prodigy.com>
Source record: 51187

Jim Kelley wrote:
> Please cite a page number where your 1 watt laser problem can be found.

It can be found in my posting. Why are you afraid to
discuss it?
--
73, Cecil, http://www.qsl.net/w5dxp

714. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 16:40:17 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <bursi2d0uppl9ucgq7hetok91pq4nmpdsb@4ax.com>
Source record: 51188

On Thu, 12 Oct 2006 07:50:37 -0700, Jim Kelley <jwkelley@uci.edu>
wrote:

>Please cite a page number where your 1 watt laser problem can be
>found.

Hi Jim,

Is that sad example being trotted out again?

73's
Richard Clark, KB7QHC

715. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 16:56:54 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <egls4n$mh9$1@news.service.uci.edu>
Source record: 51189

Richard Clark wrote:
> On Thu, 12 Oct 2006 07:50:37 -0700, Jim Kelley <jwkelley@uci.edu>
> wrote:
>
>
>>Please cite a page number where your 1 watt laser problem can be
>>found.
>
>
> Hi Jim,
>
> Is that sad example being trotted out again?

I hadn't seen the one with a 'forward laser power' reading, as if he
was reading it from an SWR meter before. Seems suspicious.

tnx de ac6xg

716. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 17:08:00 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <QDuXg.22064$lj.19354@newssvr14.news.prodigy.com>
Source record: 51190

Jim Kelley wrote:
> I hadn't seen the one with a 'forward laser power' reading, as if he was
> reading it from an SWR meter before. Seems suspicious.

I have presented that example before. You chose not
to discuss it back then. The output of the laser is
given to be one watt. What's so suspicious about that?
Whatever laser one buys comes with a power output
rating.

If we discuss this example, step by step, you can show
me, once and for all, the error of my ways.
--
73, Cecil, http://www.qsl.net/w5dxp

717. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 17:38:22 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <h8vsi2dtb9kgs7s2c8cbcebkj12ajj1313@4ax.com>
Source record: 51191

On Thu, 12 Oct 2006 09:56:54 -0700, Jim Kelley <jwkelley@uci.edu>
wrote:

>a 'forward laser power' reading

Hi Jim,

To quote from an era of scandal:

"Say it a'in't so, Joe!"

... and I thought the potential for comedy had already drained away.

73's
Richard Clark, KB7QHC

718. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 18:13:08 UTC
From: Gene Fuller <W4SZzzzzzz@att.net>
Message-ID: <UAvXg.56791$QZ1.20638@bgtnsc04-news.ops.worldnet.att.net>
Source record: 51192

Cecil Moore wrote:

> Back to the present thread. I infer that you believe
> that Hecht's total irradiance equations are in error?
> Before you reply, let me remind you that Dr. Best was
> the first one, to the best of my knowledge, to publish
> the irradiance equations in an amateur radio
> publication, QEX.
>
> In the following fixed font diagram, IR is the Index
> of Refraction.
>
> air | 1/4WL thin-film | Glass
> 1W Laser---IR=1.0---|----IR=1.222-----|--IR=1.493---...
> Ifor=1W | Ifor=1.0101W | Ifor=1W
> Iref=0.01W | Iref=0.0101W | Iref=0
>
> Note that I is "irradiance", not current.
>
> Given: The irradiance reflection coefficient is 0.01
> at both interfaces. The irradiance transmission coefficient
> is 0.99 at both interfaces. Please describe your theory of
> the wave cancellation process occurring at the air to thin-
> film interface without using the superposition and interference
> principles that I have been using to which you object.

Cecil,

I don't have a copy of Hecht. Like Jim, I use Born and Wolf as a "textbook" reference and several other books for practical optical design reference.

Does Hecht really say that more power goes into the glass than enters the 1/4WL film? Can we somehow bottle this free energy and save the world?

By the way, those irradiance equations go back a couple hundred years. It seems unlikely that Dr. Best was the first to publish them, even considering only amateur-oriented publications.

73,
W4SZ
Gene

719. Re: If two no-code hams contact each other on CB, is that a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 18:32:05 UTC
From: Ed <none@this.time>
Message-ID: <FSvXg.16066$7I1.11376@newssvr27.news.prodigy.net>
Source record: 51193
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

God Bless you too, but don't believe the statement below for an instant!
>
> Nah, the spectrum has moved up to SHF, no one in govt or industry gives a
> rat's ass about the spectrum below 30 MHz.
>
> [Thanks for the cross posting. I need the publicity] :)
>
> --
> god bless
>

720. Re: If two no-code hams contact each other on CB, is that a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 18:40:23 UTC
From: kludge@panix.com
Message-ID: <egm26n$rt3$1@panix2.panix.com>
Source record: 51194
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Ed <none@this.time> wrote:
>God Bless you too, but don't believe the statement below for an instant!
>>
>> Nah, the spectrum has moved up to SHF, no one in govt or industry gives a
>> rat's ass about the spectrum below 30 MHz.

Top posting makes this very confusing.

However, I am convinced that nobody in industry or at the FCC cares about anything other than optimizing short-term revenue. The notion of optimizing spectrum use for the greatest good went out with the Carter administration. This is one of the greatest tragedies of our time in my opinion.
--scott
--
"C'est un Nagra. C'est suisse, et tres, tres precis."

721. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 18:41:11 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <b%vXg.10959$vJ2.10063@newssvr12.news.prodigy.com>
Source record: 51195

Gene Fuller wrote:
> Does Hecht really say that more power goes into the glass than enters
> the 1/4WL film?

No, and neither did I. The 0.01W of power reflected
in the diagram undergoes destructive interference.
That's why they call it "non-reflective" glass.
The 0.01W is known as the external reflection. There
is a matching 0.01W (not shown) from the internal
reflection that causes wave cancellation. All of this
is explained in any good physics book. If anyone is
willing to go step by step with me, I will either prove
my point or be disproved in the process. What I cannot
figure out is why everyone is avoiding a step by step
technical discussion and instead engaging in ad hominem
comments - hoping to prove what?

> By the way, those irradiance equations go back a couple hundred years.
> It seems unlikely that Dr. Best was the first to publish them, even
> considering only amateur-oriented publications.

Well, I said that was to the best of my knowledge. I
had never seen Ptot = P1 + P2 + 2*SQRT(P1*P2)cos(A)
in an amateur radio publication before and I have
been reading them since 1952.
--
73, Cecil, http://www.qsl.net/w5dxp

722. Half Square question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 18:42:23 UTC
From: "JimK2TL@gmail.com" <JimK2TL@gmail.com>
Message-ID: <1160678543.641013.293570@k70g2000cwa.googlegroups.com>
Source record: 51196

I have been researching the HSQ antenna until I am Half Crazy.. anyway,
I am looking for info on this article: "Rotate the Bobtail Curtain";
Jerrold A. Swank, W8HXR; 73, May 1985, p.48 , A clever method of
switching the half square's pattern to end fire using a quarter wave
stub. I found a reference to this on a web site.
I can't seem to find this info anywhere. I am very interested in
this because the way my property would accommodate a HSQ antenna would
put it broadside NW by SW..not exactly a DX friendly direction from New
Jersey.
Does anyone know what this technique is and how to build it?

And I hope you don't mind if I ask a few more questions. I am
inclined to voltage feed one vertical wire with an LC network, but I
have read a lot of posting saying that this is blasphemy and it MUST be
fed at a corner with coax or your soul will be doomed. I hope not !
Is there a final opinion on this? It seems to me that corner feeding
has more problems associated with coupling to the coax line than
building a simple LC network. But then, do I need a radial system for
voltage feeding?

Thanks for any help on both these questions.

Jim

K2TL

723. Re: dipole length vs db

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 18:42:39 UTC
From: fmmck@aol.com
Message-ID: <fmmck-1210061442400001@172.131.170.226>
Source record: 51197

In article <m-12FBAF.07062211102006@news.verizon.net>, ml <m@di.net> wrote:

> Currently i have a centerfed horiz dipole up pretty high
>
> it's total length is less than 40ft, center feed via my sgc
>
>
> i was thinking it'd be nice to have a SIGNIFICANT /real order of
> magnatude type improvement in 'performance' or gain

ML-

I have a similar question, but I'm not looking for a "real" order of magnitude improvement. I just want to get on the air.

If I only have room for a short dipole, say 40 feet, and use a tuner such as the SGC or Icom AH-4, what is the penalty in DB for the lower bands (160, 75, 60, 40) compared to a half wave on each band?

73,
Fred
K4DII

724. Re: Half Square question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 19:00:37 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <phwXg.10961$vJ2.6209@newssvr12.news.prodigy.com>
Source record: 51198

JimK2TL@gmail.com wrote:
> And I hope you don't mind if I ask a few more questions. I am
> inclined to voltage feed one vertical wire with an LC network, but I
> have read a lot of posting saying that this is blasphemy and it MUST be
> fed at a corner with coax or your soul will be doomed. I hope not !
> Is there a final opinion on this? It seems to me that corner feeding
> has more problems associated with coupling to the coax line than
> building a simple LC network. But then, do I need a radial system for
> voltage feeding?

Voltage feeding works just fine. Radials won't do a lot
of good because the current maximum points are at the
top of the antenna, not at the bottom.
--
73, Cecil, http://www.qsl.net/w5dxp

725. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 19:02:47 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <lm3ti29jmiinvsoe3s3vno72su8l8evjk9@4ax.com>
Source record: 51199

On Thu, 12 Oct 2006 18:13:08 GMT, Gene Fuller <W4SZzzzzzz@att.net>
wrote:

>Does Hecht really say that more power goes into the glass than enters
>the 1/4WL film? Can we somehow bottle this free energy and save the world?

Hi Gene,

Isn't this the point at which all should simply surrender to accepting
69% error as being sufficient for a proof? No one here really expects
Cecil's dy-no-mite advantage to be set aside for the sake of accuracy
- do they?

However, your question illuminates the necessity of Cecil being the
one to ask "Where Does the Power Go?" That redeems the thread's
entertainment value.

73's
Richard Clark, KB7QHC

726. Re: dipole length vs db

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 19:06:00 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <smwXg.10964$vJ2.8074@newssvr12.news.prodigy.com>
Source record: 51200

Fred McKenzie wrote:
> If I only have room for a short dipole, say 40 feet, and use a tuner such
> as the SGC or Icom AH-4, what is the penalty in DB for the lower bands
> (160, 75, 60, 40) compared to a half wave on each band?

Don't know the dB but losses would be appreciable. Why not
put up a 22 foot vertical with a good radial system? That
will work pretty well for 40m-10m using the autotuner at
the base. Install a base loading coil and it will work
reasonably well on 75m. Can't say much for 160m.
--
73, Cecil, http://www.qsl.net/w5dxp

727. Please do not feed the trolls (was: If two no-code hams contact each other on CB, is that a real QSO?)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 19:14:22 UTC
From: William Warren <william_warren_nonoise@speakeasy.net>
Message-ID: <GfWdnZfBAZuQDrPYnZ2dnUVZ_s6dnZ2d@speakeasy.net>
Source record: 51201
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

```
______
/ \
.' PLEASE `.
| DO NOT | _____
| FEED THE | ,'.....`.
`. TROLLS ,' ,'........ )
\_ _/ |........ ,'
| | `. .... _/
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. | | /..'
.\_\| |/_/,
___ | | ___
. `--' .
. .
--
William Warren

(Filter noise from my address for direct replies)
```

728. Re: dipole length vs db

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 19:17:16 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <6e4ti2ti2c8ikm06kt086fv4t5tk401i39@4ax.com>
Source record: 51202

On Thu, 12 Oct 2006 14:42:39 -0400, fmmck@aol.com (Fred McKenzie)
wrote:

>In article <m-12FBAF.07062211102006@news.verizon.net>, ml <m@di.net> wrote:
>
>> Currently i have a centerfed horiz dipole up pretty high
>>
>> it's total length is less than 40ft, center feed via my sgc
>>
>>
>> i was thinking it'd be nice to have a SIGNIFICANT /real order of
>> magnatude type improvement in 'performance' or gain
>
>ML-
>
>I have a similar question, but I'm not looking for a "real" order of
>magnitude improvement. I just want to get on the air.

Hi Fred,

Good, simple antennas are not going to show an "order of magnitude"
improvement under any circumstance short of issues related to loss.

>If I only have room for a short dipole, say 40 feet, and use a tuner such
>as the SGC or Icom AH-4, what is the penalty in DB for the lower bands
>(160, 75, 60, 40) compared to a half wave on each band?

What do the manufacturers say? OK, they probably guarantee nothing
other than a match (I am familiar with the local manufacturer's claim
of loading a wet string.)

The radiation resistance of a 40' dipole in the 160M band is 1 Ohm.
The contribution of loss resistance in proportion to this reveals
efficiency/loss. If anything in those boxes contributes as much as 1
Ohm, then you are down by 3dB before the signal hits the airways.

The only question is can that additional 1 Ohm contribution dissipate
the heat without self destruction? Think about it, 50W of heat inside
that box. The manufacturer would probably guess correctly that you
would never feel it, unless you are working RTTY.

An additional 1 Ohm attributable to the manufacturer's designs may be
an outlandish assertion. Again, consult their specifications.

73's
Richard Clark, KB7QHC

729. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 19:38:06 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <yQwXg.10970$vJ2.3730@newssvr12.news.prodigy.com>
Source record: 51203

Gene Fuller wrote:
> Does Hecht really say that more power goes into the glass than enters
> the 1/4WL film? Can we somehow bottle this free energy and save the world?

Gene, here's a complete fixed font irradiance diagram of
the air to thin-film interface including all components.
Reflectance = 0.01, Transmittance = 0.99

Forward irradiance component

Ifor=1W -->|
|--> I1=0.99W
I3=0.01W<--|

air | thin-film

Reflected irradiance component

|<-- Iref=0.0101W
I4=0.01W<--|
|--> I2=0.0001W

I1 + I2 + 2*SQRT(I1*I2) = 1.0101W = Ifor in the thin-film
This is "total constructive interference" per Hecht.

I3 + I4 - 2*SQRT(I3*I4) = 0W = Iref in the air
This is "total destructive interference" per Hecht.

Those are the irradiance equations from "Optics", by Hecht.
As Hecht asserts, the destructive interference equals the
constructive interference and the reflections toward the
source are canceled.
--
73, Cecil, http://www.qsl.net/w5dxp

730. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 20:26:14 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <egm8d8$26i$1@news.service.uci.edu>
Source record: 51204

Cecil Moore wrote:
> Gene Fuller wrote:
>
>> Does Hecht really say that more power goes into the glass than enters
>> the 1/4WL film? Can we somehow bottle this free energy and save the
>> world?
>
>
> Gene, here's a complete fixed font irradiance diagram of
> the air to thin-film interface including all components.
> Reflectance = 0.01, Transmittance = 0.99
>
> Forward irradiance component
>
> Ifor=1W -->|
> |--> I1=0.99W
> I3=0.01W<--|
>
> air | thin-film
>
> Reflected irradiance component
>
> |<-- Iref=0.0101W
> I4=0.01W<--|
> |--> I2=0.0001W
>
> I1 + I2 + 2*SQRT(I1*I2) = 1.0101W = Ifor in the thin-film
> This is "total constructive interference" per Hecht.

Not exactly as per Hecht. Note to the casual reader: please be advised that unlike Cecil, Eugene Hecht does not claim that power is equal to irradiance. Nor does he imply that scaler quantities can be treated mathematically in the same way as vector quantities, and he therefore does not substitute power for irradiance in any of his textbook equations as Cecil has want to do.

These equations do in fact give correct results macroscopically. However, it is inaccurate to infer from interference equations that a given electromagnetic wave is 100% reflected from any partially reflecting boundary. It is only after multiple partial reflections from the inner boundaries of the intermediate medium that the total energy from any given wave in conveyed from source to load.

73, ac6xg

731. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 21:00:35 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <T1yXg.10984$vJ2.132@newssvr12.news.prodigy.com>
Source record: 51205

Jim Kelley wrote:
> Not exactly as per Hecht. Note to the casual reader: please be advised
> that unlike Cecil, Eugene Hecht does not claim that power is equal to
> irradiance.

It's only fair to tell everyone reading your posting that
you do not accept the definition of power in the IEEE Dictionary
nor the definition of power used by the average RF engineer.
Irradiance, Poynting vectors, and power flow vectors are valid
concepts no matter what esoteric definition of power that you
choose to assert.

Hecht gives the dimensions of irradiance which are the same
as the Poynting vector (power flow vector) in RF engineering.
That you don't consider watts to be power is no reason to
question the validity of irradiance or Poynting vectors.
I don't have "Optics" with me at work so I cannot do an
exact Hecht quote.

> Nor does he imply that scaler quantities can be treated
> mathematically in the same way as vector quantities, and he therefore
> does not substitute power for irradiance in any of his textbook
> equations as Cecil has want to do.

I am using Hecht's irradiance equations. Whatever Hecht
implied by those equations is exactly what I am doing. Any
angle used in the irradiance equations is the angle between
the electric fields of the two superposed waves.

It was not me, but Dr. Best, who first substituted power for
irradiance in his series of QEX articles. But Poynting vectors
can obviously be substituted for irradiance since they represent
the same thing and have identical dimensions. Most RF engineers
would assert that Poynting vectors and power flow vectors represent
power. It is your narrow definition of "power" that is the culprit
here, not anything I have said.

If it will make you feel better, forget the power equations and
call them the power flow vector equations. I will try to remember
to do that in the future.

> These equations do in fact give correct results macroscopically.
> However, it is inaccurate to infer from interference equations that a
> given electromagnetic wave is 100% reflected from any partially
> reflecting boundary. It is only after multiple partial reflections from
> the inner boundaries of the intermediate medium that the total energy

> from any given wave in conveyed from source to load.

All the values are average *steady-state* values, the same values
that would be read by a Bird directional wattmeter. All multiple
reflections are rolled into the average Iref value displayed by
the Bird. All multiple forward components are rolled into the
average Ifor value displayed by the Bird.
--
73, Cecil, http://www.qsl.net/w5dxp

732. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 21:14:59 UTC
From: Gene Fuller <W4SZzzzzzz@att.net>
Message-ID: <nfyXg.57332$QZ1.47851@bgtnsc04-news.ops.worldnet.att.net>
Source record: 51206

Cecil Moore wrote:
> Gene Fuller wrote:
>> Does Hecht really say that more power goes into the glass than enters
>> the 1/4WL film? Can we somehow bottle this free energy and save the
>> world?
>
> Gene, here's a complete fixed font irradiance diagram of
> the air to thin-film interface including all components.
> Reflectance = 0.01, Transmittance = 0.99
>
> Forward irradiance component
>
> Ifor=1W -->|
> |--> I1=0.99W
> I3=0.01W<--|
>
> air | thin-film
>
> Reflected irradiance component
>
> |<-- Iref=0.0101W
> I4=0.01W<--|
> |--> I2=0.0001W
>
> I1 + I2 + 2*SQRT(I1*I2) = 1.0101W = Ifor in the thin-film
> This is "total constructive interference" per Hecht.
>
> I3 + I4 - 2*SQRT(I3*I4) = 0W = Iref in the air
> This is "total destructive interference" per Hecht.
>
> Those are the irradiance equations from "Optics", by Hecht.
> As Hecht asserts, the destructive interference equals the
> constructive interference and the reflections toward the
> source are canceled.

Cecil,

Don't bother. I understand the physics quite well, thank you. It is your message that causes grief. On the other hand, I don't really care to try to educate you any further, so the grief is quite small.

73,
Gene
W4SZ

733. Re: Half Square question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 21:41:53 UTC
From: Harbin Osteen <harbinjr@adelphia.net>
Message-ID: <x56dnZKZ0pgBK7PYnZ2dnUVZ_o6dnZ2d@adelphia.com>
Source record: 51207

Hi Jim:
Don't know if this is what you are looking for:
http://www.cebik.com/scv/bct.html

You will have to piece this link together, but it may be what
you are looking for:
http://info.awmn.net/users/images/stories/Library/RadioTheory/ON4UN%20LowBandDXing/14.pdf#search=%22%22half%20square%22%20%20%22end%20fire%22%22

--

SeeYaa:) Harbin Osteen KG6URO

When American Citizens with dual citizenship pledges allegiance
to the flag, to which flag do they pledge allegiance too?

-

<JimK2TL@gmail.com> wrote in message
news:1160678543.641013.293570@k70g2000cwa.googlegroups.com...
>I have been researching the HSQ antenna until I am Half Crazy.. anyway,
> I am looking for info on this article: "Rotate the Bobtail Curtain";
> Jerrold A. Swank, W8HXR; 73, May 1985, p.48 , A clever method of
> switching the half square's pattern to end fire using a quarter wave
> stub. I found a reference to this on a web site.
> I can't seem to find this info anywhere. I am very interested in
> this because the way my property would accommodate a HSQ antenna would
> put it broadside NW by SW..not exactly a DX friendly direction from New
> Jersey.
> Does anyone know what this technique is and how to build it?
>
> And I hope you don't mind if I ask a few more questions. I am
> inclined to voltage feed one vertical wire with an LC network, but I
> have read a lot of posting saying that this is blasphemy and it MUST be
> fed at a corner with coax or your soul will be doomed. I hope not !
> Is there a final opinion on this? It seems to me that corner feeding
> has more problems associated with coupling to the coax line than
> building a simple LC network. But then, do I need a radial system for
> voltage feeding?
>
> Thanks for any help on both these questions.
>
>
>
> Jim
>

> K2TL
>

734. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 22:06:55 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <30zXg.12440$GR.6122@newssvr29.news.prodigy.net>
Source record: 51209

Gene Fuller wrote:
> Don't bother. I understand the physics quite well, thank you.

So, is anything technically wrong with what I posted?
It is all copied out of various parts of "Optics", by
Hecht.
--
73, Cecil http://www.w5dxp.com

735. Re: Modelling Antenna Factor of small loop

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 22:08:49 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <aaeti2lt86jnbk2m6hactbc268ldp7c7u8@4ax.com>
Source record: 51208

On Wed, 11 Oct 2006 16:32:50 GMT, "Frank's"
<frank599@nospam.telus.net> wrote:

...
>
>One thing that has bothered me about small loop modeling. When
>driven with a voltage source; loops of length < 0.1 wavelengths
>exhibit a radiated power ,and efficiency, of < 0. In other words
>the structure loss is > than the input power. Removing
>the wire conductivity loading corrects the problem. In your
>particular case, at 5 MHz, the real input impedance is
>more than three orders of magnitude greater than the radiation resistance.
>I guess it could just be numerical rounding errors, but have gotten
>identical results when using double precision.

Hi Frank,

That is interesting.

I haven't pursued modelling the loop being excited directly, but I
accept your observations.

I have no idea what causes the problem. Perhaps a NEC guru may have an
explanation?

I thinking about the impact of error in the estimate of either
radiation resistance or loss resistance of the conductor in the
scenario that I did model, it should be low, probably insignificant.
The magnitude of both components is small relative to the load
impedance and the loop's own reactance, and does not influence the
loop current (and therefore the load voltage) much.

Whilst it would be interesting to know if it is a fault in modelling,
or just numerical stability in the computation engine, I suspect the
effect you observed probable does not give great concern for the
accuracy of my receive loop models.

I would like to have modelled insulated wire in the loops, but don't
have NEC-4... so I will build the loops from bare wire, although I
think it would make very little difference, even more so at the lower
frequency side of the range.

Thanks, appreciate the thoughts.

Owen
--

736. Re: I punce in aigaon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 22:09:48 UTC
From: Mark@kb9rqz.com
Message-ID: <452eb039$0$19636$88260bb3@free.teranews.com>
Source record: 51210
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.scanner,alt.sports.college.michigan

ok I back four anoter tuff day on the news grupes it my job tis waht I do
so
bringit on you loosers

show-na-to-va (that is the greeting for this time of year as a JEW
rendered phonicticaly)
happy new years it means and it can be better one if Wismen Robson and
SC a few just decided to not to be as hateful

with the punce gotcha he wonders why I simple don't bother to ty
impoving my spelling do u hav anyting cognet two say?

my blog
http://www.marksspamblog.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

737. Re: dipole length vs db

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 22:18:06 UTC
From: ml <m@di.net>
Message-ID: <m-7A4D25.18180212102006@news.verizon.net>
Source record: 51211

In article <fmmck-12100614424000001@172.131.170.226>,
fmmck@aol.com (Fred McKenzie) wrote:

> In article <m-12FBAF.07062211102006@news.verizon.net>, ml <m@di.net> wrote:
>
> > Currently i have a centerfed horiz dipole up pretty high
> >
> > it's total length is less than 40ft, center feed via my sgc
> >
> >
> > i was thinking it'd be nice to have a SIGNIFICANT /real order of
> > magnatude type improvement in 'performance' or gain
>
> ML-
>
> I have a similar question, but I'm not looking for a "real" order of
> magnitude improvement. I just want to get on the air.
>
> If I only have room for a short dipole, say 40 feet, and use a tuner such
> as the SGC or Icom AH-4, what is the penalty in DB for the lower bands
> (160, 75, 60, 40) compared to a half wave on each band?
>
> 73,
> Fred
> K4DII

just a fyi, this really belongs in a new thread

738. id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 22:19:12 UTC
From: Mark@kb9rqz.net
Message-ID: <7qfti2d09g1gdglgd2trrn09ehmhtbe4pm@4ax.com>
Source record: 51212
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.scanner,alt.sports.college.michigan

On Thu, 12 Oct 2006 18:09:48 -0400, <Mark@kb9rqz.com> wrote:

>ok I back four anoter tuff day on the news grupes it my job tis waht I do
id theft is a crimes
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

739. 2m sat beam brand question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 22:23:22 UTC
From: ml <m@di.net>
Message-ID: <m-A5A116.18232312102006@news.verizon.net>
Source record: 51213

hi

does anyone know of a commercially made 2m sat beam, circ polarized
hopfully switchable, that is less than 10ft long?

i've seen the Msquared perfect i like it , but it's a bit too long

anyone know of something very simular but a wee bit shorter?

tnx

740. Re: shamma lamma ding-dong

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 22:46:39 UTC
From: Mark@kb9rqz.com
Message-ID: <452eb8dd$0$7000$88260bb3@free.teranews.com>
Source record: 51214
Cross-posted to: rec.radio.amateur.antenna,soc.men,rec.radio.cb,rec.radio.amateur.policy

<Mark@kb9rqz.com> wrote in message news:...
>
> <marqueer@mail2world.com> wrote in message
> news:1159144342.450656.61910@d34g2000cwd.googlegroups.com...
>> is how i greet cock at the truck stop.
>>
1) I was draft into the US Army.
2) I is a member of the Chemcal Cops.
3) The military wont let me retire.
4) I dosn't serve under the name 'Mark Morgan but that's okay cuz the
FBI, DOD, and CIA have all told me I cando it.
5) I is on-the-lam from stalking former marines and fatal attraction
ex-shemale
6) I was recently, paying $5/hr. to access my ISP
7) I has a 248 IQ, but can't figure out how to use a spell checker.
8) I is a bi-sexual Pagan male ham who like to be spanked.
9) I can't find any action on the military base in Central IL, so I hav to
ask people on USENET.

with the punce gotcha he wonders why I simple don't bother to ty
impoving my spelling do u hav anyting cognet two say?

my blog
http://www.marksspamblog.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

741. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 23:21:17 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <egmile$9en$1@news.service.uci.edu>
Source record: 51215

Cecil Moore wrote:
> Gene Fuller wrote:
>
>> Don't bother. I understand the physics quite well, thank you.
>
>
> So, is anything technically wrong with what I posted?
> It is all copied out of various parts of "Optics", by
> Hecht.

From what page in "Optics" by Hecht is the 1 watt laser problem and
analysis copied?

73, Jim AC6XG

742. Re: 2m sat beam brand question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 23:30:41 UTC
From: nx7u <nx7u@cox.net>
Message-ID: <1160695841.581799.190750@h48g2000cwc.googlegroups.com>
Source record: 51216

yep
http://www.gulfalphaantennas.com
model 2m-5el_sat is 92"
or build it yourself...that's what i'm doing :-)
Scott nx7u

ml wrote:
> hi
>
>
> does anyone know of a commercially made 2m sat beam, circ polarized
> hopfully switchable, that is less than 10ft long?
>
> i've seen the Msquared perfect i like it , but it's a bit too long
>
>
> anyone know of something very simular but a wee bit shorter?
>
>
> tnx

743. id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-12 23:36:38 UTC
From: an old friend <kb9rqz@hotmail.com>
Message-ID: <1160696198.079220.128490@m7g2000cwm.googlegroups.com>
Source record: 51217
Cross-posted to: rec.radio.amateur.antenna,soc.men,rec.radio.cb,rec.radio.amateur.policy

Mark@kb9rqz.com wrote:
> <Mark@kb9rqz.com> wrote in message news:...
id theft is acrime

744. Re: Modelling Antenna Factor of small loop

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 00:17:27 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <e1lti29ra15vnvsbm8gcpcegn7505f2pjf@4ax.com>
Source record: 51224

Hi All,

Well, it seems enough problems have accumulated to warrant further
discussion.

On Thu, 12 Oct 2006 22:08:49 GMT, Owen Duffy <owen@no.where> wrote:

>On Wed, 11 Oct 2006 16:32:50 GMT, "Frank's"
><frank599@nospam.telus.net> wrote:
>
>...
>>
>>One thing that has bothered me about small loop modeling. When
>>driven with a voltage source; loops of length < 0.1 wavelengths
>>exhibit a radiated power ,and efficiency, of < 0. In other words
>>the structure loss is > than the input power.

To say the least. For a loop with sides of 1 meter, the radiation
resistance at the low end of the chart verges on 150 nanoOhms. If
this were copper wire, it would exhibit about 2.5 Ohms per 1000 feet.
Instead it is steel wire (about 5 to 10 times the resistance) over a
length of 13 feet or so. I will be generous and call it half an ohm
total.

>>Removing
>>the wire conductivity loading corrects the problem.

I hope you don't pack your own parachutes!

>>In your
>>particular case, at 5 MHz, the real input impedance is
>>more than three orders of magnitude greater than the radiation resistance.

Examining the radiation resistance again 0.0015 Ohm; copper loss
remains the same for intents and purposes.

>>I guess it could just be numerical rounding errors, but have gotten
>>identical results when using double precision.
>
>Hi Frank,
>
>That is interesting.
>
>I haven't pursued modelling the loop being excited directly,

I had presumed you performed that exercise.

>but I
>accept your observations.
>
>I have no idea what causes the problem. Perhaps a NEC guru may have an
>explanation?

Hmmmm.

>I thinking about the impact of error in the estimate of either
>radiation resistance or loss resistance of the conductor in the
>scenario that I did model, it should be low, probably insignificant.

You might want to revisit those thoughts.

>The magnitude of both components is small relative to the load
>impedance and the loop's own reactance, and does not influence the
>loop current (and therefore the load voltage) much.

What you are saying is the antenna is a voltage source, and power efficiency can go to the devil. For receivers, they forgive such blasphemy. Just how much appears to be unknown at this point (we will say things are in limbo). However, if you add a capacitor, you should be able to observe the loss in the expressed Q. This is an untuned loop, is it not? Somewhere there's the devil to pay otherwise. }:-)

>Whilst it would be interesting to know if it is a fault in modelling,
>or just numerical stability in the computation engine, I suspect the
>effect you observed probable does not give great concern for the
>accuracy of my receive loop models.

Turning the antenna into a voltage source gives rise to many nuances that would otherwise be smothered.

>I would like to have modelled insulated wire in the loops, but don't
>have NEC-4... so I will build the loops from bare wire, although I
>think it would make very little difference, even more so at the lower
>frequency side of the range.

This alone appears to be a safe conclusion.

73's
Richard Clark, KB7QHC

745. Re: 2m sat beam brand question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 00:17:55 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <TWAXg.10748$o71.10055@newsread3.news.pas.earthlink.net>
Source record: 51218

ml <m@di.net> wrote in news:m-A5A116.18232312102006@news.verizon.net:

> hi
>
>
> does anyone know of a commercially made 2m sat beam, circ polarized
> hopfully switchable, that is less than 10ft long?
>
> i've seen the Msquared perfect i like it , but it's a bit too long
>
>
> anyone know of something very simular but a wee bit shorter?
>
>
> tnx
>

You don't need to use all of the antenna. If you only need half or a third just use that. I have an old cushcraft aop-1 and when I need to go compact I just remove the screw holding sections of the 2m boom together and use half of it. The 70cm side of the aop-1 is short so I don't mess with that.

SC

746. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 00:18:03 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <%WAXg.10752$o71.6562@newsread3.news.pas.earthlink.net>
Source record: 51219
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"U-Know-Who" <no-one@nowhere.com> wrote in
news:jkhXg.62116$5o5.52493@tornado.texas.rr.com:

>
> "Slow Code" <my.mail@no.spam> wrote in message
> news:6tgXg.8071$Y24.103@newsread4.news.pas.earthlink.net...
>> "Iitoi" <iitoi@earthlink.net> wrote in
>> news:ScaXg.7929$Y24.6296@newsread4.news.pas.earthlink.net:
>>
>>> 80M and 40M phone band expansion
>>>
>>> http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-149A1.doc
>>
>>
>> I don't know if we'll get Mad right away but it's clear the FCC and the
>> ARRL want to drive all good hams out of the service. Little by little
>> they'll take away the non-phone portions of the bands and hand it over
>> to the phone users. Like a frog in a pot of water that's raised to
>> boiling point, one day us real hams will find we have to place to
>> communicate on the ham bands that doesn't sound like Citizens Band.
>>
>> SC
>
> Anyone got some of what he's smoking?

I smoke Marlboro, but you're not man enough to smoke'em. You should stick
with your Virginia Slims.

Make any CW contacts lately?

SC

747. Re: Hams just want to talk on microphones. They hate skill and everyone that's skillful

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 00:18:04 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <0XAXg.10753$o71.2956@newsread3.news.pas.earthlink.net>
Source record: 51220
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Cecil Moore <mycall@hotmail.com> wrote in
news:C0hXg.21927$Ij.17787@newssvr14.news.prodigy.com:

> Slow Code wrote:
>> But the written tests have been dumbed down as well. You don't need to
>> answer as many questions over-all for the General and Extra as you used
>
> Are you ever capable of telling the truth?
> My 1957 ARRL License Manual contains 279
> Extra questions in 25 pages. My 2000 ARRL
> Extra License Manual contains 439 questions
> and 350 pages just for the Extra exam.

When you sit down at a VE test session the number of questions you have to
answer over-all to be a Tech, General, or Extra class is less than it used to
be and that's not including the questions lost when CW was dumbed down.

SC

748. Re: Here is how we can end all the silly antenna questions on the repeaters and on usenet.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 00:18:06 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <2XAXg.10754$o71.2542@newsread3.news.pas.earthlink.net>
Source record: 51222
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Gropus <jbuchy@shaw.ca> wrote in
news:7c9ri21p136061hhabebo7c6of6o64opun@4ax.com:

> On Thu, 12 Oct 2006 01:00:57 GMT, Blow a Toad <my.mail@no.spam> spake
> thusly:
>
>
>>I just wish all you people would take a stand against dumbing things
>>down any further. If it continues, it going to make hams irrelevant and
>>our bands will sound like CB.
>
> Right now, CB is totally dead. Nothing. Nada. Zip. Zilch.
>
> Behavior like yours will push ham that way too. Who wants to be
> associated with the likes of you?

Everyone that desires to be a good ham and valuable asset to the radio
service and to their country do.

Now how's your CW practice coming along? Are you practicing or did you
decide to pack it in and just talk on a mic like other lazy KKKanadians.
Eh?

SC

749. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 00:18:08 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <4XAXg.10755$o71.9659@newsread3.news.pas.earthlink.net>
Source record: 51221
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

```
"U-Know-Who" <no-one@nowhere.com> wrote in
news:fAhXg.62292$5o5.48391@tornado.texas.rr.com:

>
> "Slow Code" <my.mail@no.spam> wrote in message
> news:htgXg.8078$Y24.6683@newsread4.news.pas.earthlink.net...
>> Papa Dog <papadogbg@yahoo.com> wrote in
>> news:MPG.1f9611e2e91c939f989a3f@news-server.carolina.rr.com:
>>
>>> In article <gACVg.5940$Y24.1159@newsread4.news.pas.earthlink.net>,
>>> my.mail@no.spam says...
>>>> Papa Dog <papadogbg@yahoo.com> wrote in
>>>> news:MPG.1f9086eb5bc7bd06989a3d@news-server.carolina.rr.com:
>>>>
>>>> > In article <VEgVg.7674$o71.6241@newsread3.news.pas.earthlink.net>,
>>>> > my.mail@no.spam says...
>>>> >> Phil Wheeler <wt6uh-ng7@yahoo.com> wrote in
>>>> >> news:R8dVg.263$zy2.260@tornado.socal.rr.com:
>>>> >>
>>>> >> > AC7PN wrote:
>>>> >> >> Slow Code wrote:
>>>> >> >>> Or is it like talking to someone on CB?
>>>> >> >>>
>>>> >> >>> SC
>>>> >> >>
>>>> >> >> The answer is "yes it is a real contact" and so far as you
>>>> >> >> were communicating with some one using a radio it also is "like
>>>> >> >> talking to someone on CB."
>>>> >> >>
>>>> >> >> Dude, your arrogance is showing.
>>>> >> >>
>>>> >> >
>>>> >> > I would have said ignorance ;)
>>>> >> >
>>>> >> > 73, Phil W7OX
>>>> >>
>>>> >>
>>>> >> Don't tell me You want to dumb down ham radio now as well. Where
>>>> >> have all the communicators gone?
>>>> >>
>>>> >> SC
>>>> >>
>>>> >
```

>>>> > Any 12 year old can learn code in 2 weeks. Getting rid of it would
>>>> > not dumb down Ham radio at all. Code is a good thing to know.
>>>> > Whether you use it or not is a personal preference. I think
>>>> > programming you're own software to send code yourself and building
>>>> > your own radio is a lot more technical than learning code.
>>>> >
>>>> > 73
>>>> >
>>>> > Chris
>>>>
>>>>
>>>> But people don't want to be skilled at anything anymore. They don't
>>>> want to make an effort to learn CW, they may not make an effort to
>>>> learn other things to advance themselves technically either.
>>>>
>>>> SC
>>>>
>>> If a 12 year old can learn it I don't consider it much of a technical
>>> skill. Nothing at all technical about CW. Building a transmitter,
>>> now that takes somw technical know how.
>>>
>>> Chris
>>
>>
>> Well if it's not a problem to learn, let's keep the requirement and
>> raise it to 13WPM. It's a bit boring doing code at 5 words per minute,
>> and at 13 WPM you can copy someones call for help almost three times as
>> fast.
>>
>> SC
>
> Name one real/valid/probable scenario for this. Let me guess, you crash
> land on the moon, have only a D-cell battery, some wire, a butter knife,
> happen to find some crystals, some silicon, somehow beyond your
> knowledge or abilities, manage to build a transmitter, and send your SOS
> back to Earth. Is that about right? Nah, you'd die trying to make it
> iambic.

That's terrible logic.

You sound like you would be the sort of person people see along side a
highway with a flat tire and no spare.

SC

750. Re: It's amazing what people will say to try to justify dumbing down Amateur Radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 00:18:15 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <bXAXg.10759$o71.6581@newsread3.news.pas.earthlink.net>
Source record: 51223
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

```
Opus- <jbuchy@shaw.ca> wrote in
news:b49ri2tjro2up3okv064v9k07nvoffed67@4ax.com:

> On Thu, 12 Oct 2006 01:01:03 GMT, Slow Code <my.mail@no.spam> spake
> thusly:
>
>>Opus- <jbuchy@shaw.ca> wrote in
>>news:d4soi25f9fp1kg65l51m713abij9h7kpsa@4ax.com:
>>
>>> On Wed, 11 Oct 2006 00:44:42 GMT, Slow Code <my.mail@no.spam> spake
>>> thusly:
>>>
>>>>Opus- <jbuchy@shaw.ca> wrote in
>>>>news:iovli2lg2oiscbvcg0ej0eq723cpithf94@4ax.com:
>>>>
>>>> On Tue, 10 Oct 2006 01:08:42 GMT, Slow Code <my.mail@no.spam> spake
>>>> thusly:
>>>>
>>>>>k4yz_05@yahoo.com wrote in
>>>>>news:1160392657.932021.251780@m7g2000cwm.googlegroups.com:
>>>>>
>>>>>> Cecil Moore wrote:
>>>>>>> Slow Code wrote:
>>>>>>> > It's funny, and most telling. The no-code hams have everything
>>>>>>> > over 30 MHz, but it's the code hams that are the one's moving
>>>>>>> > ham radio forward and doing anything technical wise.
>>>>>>>
>>>>>>> If that's true, it's certainly a change from half a
>>>>>>> century ago when we HF hams observed the VHF/UHF
>>>>>>> hams revolutionizing amateur radio with their
>>>>>>> technical expertise.
>>>>>>
>>>>>> Uhhhhhhhh...Cecil...??!?!
>>>>>>
>>>>>> Did you actually make that up, or just quote someone else who
>>>>>> is
>>>>>> equally ill informed?
>>>>>>
>>>>>> Most of the people who were "moving forward" half a century
>>>>>> ago
>>>>>> were ALSO folks who were active on and well known in HF circles...
```

>>>>>>>
>>>>>>> Unless, of course, you're now going to take Lennie's spin and
>>>>>>> tell
>>>>>>> us that any / everything reported in QST, CQ, etc, was only
>>>>>>> "self-serviing rhetoric"...?!?!
>>>>>>>
>>>>>>> Try again.
>>>>>>>
>>>>>>> Steve, K4YZ
>>>>>>
>>>>>>
>>>>>>Anyone that puts out an argument to keep the code requirement gets
>>>>>>teased by Cecil. He loves to throw out some goof-ball counter reply
>>>>>>to try to be-little the original argument.
>>>>>
>>>>> Pot, meet kettle.
>>>>
>>>>
>>>>No. All my arguments are good sound arguments.
>>>
>>> Oh PuhlEEEZE!!! Spelling Canada with a "K" is a good sound argument?
>>> Calling me a "lazy ass" is a good sound argument? Claiming I get a
>>> handout is a good sound argument?
>>>
>>> You have NEVER put out ANY kind of argument at all!!! Why don't you
>>> try to cite some source that back up any of your "good sound
>>> arguments".
>>>
>>> Free hint: Hurling insults and innuendo does NOT a "good sound
>>> argument" make.
>>>
>>> Hope this helps.
>>
>>
>>
>>I'm sorry Opus, but I refuse to lie. You did get a hand-out, and you're
>>Lazy because you refuse to learn CW to 20wpm, and too lazy to to use it.
>>You don't want to be a good capable communicator in every way. That's
>>just how it is. I'm sorry if the truth seems like an insult. You're
>>right about one thing, I spelled Kanada wrong, I meant to type
>>KKKanaduh. Eh.
>
> Tell me right now what "handout" I have received. Back up your "good
> sound arguments" or forever be a PROVEN liar!

KKKanadian licenses are all hand-outs now, just like your health care system, but that's not your fault and I don't blame you for it. Still, if you want to be a real ham you might want to get your code speed up so you can communicate with other real hams. We'd love communicating with ya.

73
de Slow Code

751. Re: New FCC Rules

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 00:18:20 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <gXAXg.10762$o71.5587@newsread3.news.pas.earthlink.net>
Source record: 51225
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"Dr.Ace" <Ace@WH2T.com> wrote in
news:42ea1$452e7990$4fc6760$7984@DIALUPUSA.NET:

> http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-149A1.doc
>
> The R&O released yesterday covers a plethora of stuff. Here are some
> notes on things.
>
>
> Novice bands eliminated. Novices/Tech+ have same CW Freqs as General on
> 80, 40, 15M. 80 and 40M.
>
> Phone bands expanded, down to 3600 on 75M, down to 7125 on 40M.
>
> Extra class phone segment on 75 expanded to 100kc (3600-3700), Advanced
> class similarly gets 100kc (3700-3800), General will start at 3800.
>
> This isn't in effect yet !!! But will be soon.
>
> Ace - WH2T

It's clear the FCC and the ARRL want to drive out all good hams from the service. Little by little they'll take away the non-phone portions of the bands and hand it over to the appliance operators. Like a frog in a pot of water that is raised to boiling point, one day us real hams will find we have no place to communicate on the ham bands that doesn't sound like CB. Apparently, I'm the only one seeing it coming. A ham who will stand for nothing will sit for anything.

SC

752. Re: Please do not feed the trolls (was: If two no-code hams contact each other on CB, is that a real QSO?)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 00:18:23 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <jXAXg.10764$o71.1488@newsread3.news.pas.earthlink.net>
Source record: 51126
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

William Warren <william_warren_nonoise@speakeasy.net> wrote in
news:GfWdnZfBAZuQDrPYnZ2dnUVZ_s6dnZ2d@speakeasy.net:

```
> ______
> / \
> .' PLEASE `.
> | DO NOT | _____
> | FEED THE | ,'.....`.
> `. TROLLS ,' ,'........ )
> \_ _/ |........ ,'
> | | `. .... _/
> | | ,'.,'-'
> | | /../
> | | ,'.,'
> | | /../
> . | | /..'
> .\_\| |/_/,
> ___ | | ___
> . `--' .
> . .
```

That's pretty good. :-)

I know what you mean about the trolls Bill. I've decided to not follow-up to anything Markie Morgan, KB9RQZ posts anymore. Not that I ever remember seeing him posting anything that was worth a follow-up, but he's such a friggen retard that sometimes a person looses control and flames his dumb ass. I'm trying to watch out for that now. Thanks again for posting the cute sign. 73 How's your code practice coming along?

SC

753. clean up ham radio SC start by truning in your license

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 00:51:29 UTC
From: Mark@kb9rqz.net
Message-ID: <mnoti2teceh1j9417ao9h8jhrhugl70d3u@4ax.com>
Source record: 51127
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

```
On Fri, 13 Oct 2006 00:18:08 GMT, Slow Code <my.mail@no.spam> wrote:

>"U-Know-Who" <no-one@nowhere.com> wrote in
>news:fAhXg.62292$5o5.48391@tornado.texas.rr.com:
>
>>
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:htgXg.8078$Y24.6683@newsread4.news.pas.earthlink.net...
>>> Papa Dog <papadogbg@yahoo.com> wrote in
>>> news:MPG.1f9611e2e91c939f989a3f@news-server.carolina.rr.com:
>>>
>>>> In article <gACVg.5940$Y24.1159@newsread4.news.pas.earthlink.net>,
>>>> my.mail@no.spam says...
>>>>> Papa Dog <papadogbg@yahoo.com> wrote in
>>>>> news:MPG.1f9086eb5bc7bd06989a3d@news-server.carolina.rr.com:
>>>>>
>>>>> > In article <VEgVg.7674$o71.6241@newsread3.news.pas.earthlink.net>,
>>>>> > my.mail@no.spam says...
>>>>> >> Phil Wheeler <wt6uh-ng7@yahoo.com> wrote in
>>>>> >> news:R8dVg.263$zy2.260@tornado.socal.rr.com:
>>>>> >>
>>>>> >> > AC7PN wrote:
>>>>> >> >> Slow Code wrote:
>>>>> >> >>> Or is it like talking to someone on CB?
>>>>> >> >>>
>>>>> >> >>> SC
>>>>> >> >>
>>>>> >> >> The answer is "yes it is a real contact" and so far as you
>>>>> >> >> were communicating with some one using a radio it also is "like
>>>>> >> >> talking to someone on CB."
>>>>> >> >>
>>>>> >> >> Dude, your arrogance is showing.
>>>>> >> >>
>>>>> >> >
>>>>> >> > I would have said ignorance ;)
>>>>> >> >
>>>>> >> > 73, Phil W7OX
>>>>> >>
>>>>> >>
>>>>> >> Don't tell me You want to dumb down ham radio now as well. Where
>>>>> >> have all the communicators gone?
>>>>> >>
>>>>> >> SC
```

>>>>> >>
>>>>> >
>>>>> > Any 12 year old can learn code in 2 weeks. Getting rid of it would
>>>>> > not dumb down Ham radio at all. Code is a good thing to know.
>>>>> > Whether you use it or not is a personal preference. I think
>>>>> > programming you're own software to send code yourself and building
>>>>> > your own radio is a lot more technical than learning code.
>>>>> >
>>>>> > 73
>>>>> >
>>>>> > Chris
>>>>>
>>>>>
>>>>> But people don't want to be skilled at anything anymore. They don't
>>>>> want to make an effort to learn CW, they may not make an effort to
>>>>> learn other things to advance themselves technically either.
>>>>>
>>>>> SC
>>>>>
>>>> If a 12 year old can learn it I don't consider it much of a technical
>>>> skill. Nothing at all technical about CW. Building a transmitter,
>>>> now that takes somw technical know how.
>>>>
>>>> Chris
>>>
>>>
>>> Well if it's not a problem to learn, let's keep the requirement and
>>> raise it to 13WPM. It's a bit boring doing code at 5 words per minute,
>>> and at 13 WPM you can copy someones call for help almost three times as
>>> fast.
>>>
>>> SC
>>
>> Name one real/valid/probable scenario for this. Let me guess, you crash
>> land on the moon, have only a D-cell battery, some wire, a butter knife,
>> happen to find some crystals, some silicon, somehow beyond your
>> knowledge or abilities, manage to build a transmitter, and send your SOS
>> back to Earth. Is that about right? Nah, you'd die trying to make it
>> iambic.
>
>
>That's terrible logic.
>
>You sound like you would be the sort of person people see along side a
>highway with a flat tire and no spare.

clean up ham radio SC start by truning in your license
and you want to run on just a spare tire
>
>SC

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754. clean up ham radio SC start by truning in your license

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 00:52:13 UTC
From: Mark@kb9rqz.net
Message-ID: <ipoti2hnvv7ihg0rqi2e10dkc76pr31k2l@4ax.com>
Source record: 51128
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Fri, 13 Oct 2006 00:18:20 GMT, Slow Code <my.mail@no.spam> wrote:

>"Dr.Ace" <Ace@WH2T.com> wrote in
>news:42ea1$452e7990$4fc6760$7984@DIALUPUSA.NET:
>
>> http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-149A1.doc
>>
>> The R&O released yesterday covers a plethora of stuff. Here are some
>> notes on things.
>>
>>
>> Novice bands eliminated. Novices/Tech+ have same CW Freqs as General on
>> 80, 40, 15M. 80 and 40M.
>>
>> Phone bands expanded, down to 3600 on 75M, down to 7125 on 40M.
>>
>> Extra class phone segment on 75 expanded to 100kc (3600-3700), Advanced
>> class similarly gets 100kc (3700-3800), General will start at 3800.
>>
>> This isn't in effect yet !!! But will be soon.
>>
>> Ace - WH2T
>
>
>It's clear the FCC and the ARRL want to drive out all good hams from the
>service.
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Posted via a free Usenet account from http://www.teranews.com

755. clean up ham radio SC start by truning in your license

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 00:53:28 UTC
From: Mark@kb9rqz.net
Message-ID: <uroti2dv2kcafauen1mld2qkqrka34dfj6@4ax.com>
Source record: 51129
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Fri, 13 Oct 2006 00:18:06 GMT, Slow Code <my.mail@no.spam> wrote:

>Gropus <jbuchy@shaw.ca> wrote in
>news:7c9ri21p136061hhabebo7c6of6o64opun@4ax.com:
>
>> On Thu, 12 Oct 2006 01:00:57 GMT, Blow a Toad <my.mail@no.spam> spake
>> thusly:
>>
>>
>>>I just wish all you people would take a stand against dumbing things
>>>down any further. If it continues, it going to make hams irrelevant and
>>>our bands will sound like CB.
>>
>> Right now, CB is totally dead. Nothing. Nada. Zip. Zilch.
>>
>> Behavior like yours will push ham that way too. Who wants to be
>> associated with the likes of you?
>
>
>Everyone that desires to be a good ham and valuable asset to the radio
>service and to their country do.
>
>Now how's your CW practice coming along? Are you practicing or did you
>decide to pack it in and just talk on a mic like other lazy KKKanadians.
>Eh?
clean up ham radio SC start by truning in your license

>
>SC
http://kb9rqz.blogspot.com/

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756. Here the R&O-- FCC if interested.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 00:54:47 UTC
From: Jim - NN7K <NN7K@NOWAY.NET>
Message-ID: <rtBXg.13555$e66.13064@newssvr13.news.prodigy.com>
Source record: 51130

To all radio amateurs

SB QST ARL ARLB019
ARLB019 FCC releases long-awaited ''Omnibus''
Amateur Radio Report and Order

Ending a protracted waiting period, the FCC's
Report and Order in
the so-called ''Omnibus'' Amateur Radio
proceeding, WT Docket 04-140,
was adopted October 4 and released October 10,
2006. In it, the FCC
adopted nearly all of the proposed changes in the
Notice of Proposed
Rulemaking released back in 2004. The FCC has:

+ expanded the phone subbands in the 75 and 40
meter bands;

+ permitted auxiliary stations to transmit on
portions of the 2
meter band;

+ permitted the use of spread spectrum on 222-225 MHz;

+ permitted amateurs to retransmit communications
from the
International Space Station;

+ permitted amateur licensees to designate a
specific Amateur Radio
club to receive their call sign in memoriam;

+ prohibited an applicant from filing more than
one application for
a specific vanity call sign;

+ eliminated certain restrictions on equipment
manufacturers;

+ permitted Amateur Radio stations in Alaska and
surrounding waters
more flexibility in providing emergency
communications;

+ clarified that ''amateur stations may, at all
times and on all
frequencies authorized to the control operator,

make transmissions
necessary to meet essential communication needs
and to facilitate
relief actions'';

+ deleted the frequency bands and segments
specified for RACES
stations;

and

+ deleted the requirement for public announcement
of test locations
and times.

In addition, the FCC took several other
miscellaneous actions.

In ''refarming'' the frequencies currently
authorized to Novice and
Technician Plus licensees, the Commission
increased the voice
segments for General, Advanced and Amateur Extra
licensees.

On 75 meters, Generals will be able to use voice
from 3800-4000 kHz,
an increase of 50 kHz. Advanced class licensees
will be able to use
voice from 3700-4000, an increase of 75 kHz, and
Amateur Extras will
be able to use voice from 3600 to 4000 kHz, a
generous increase of
150 kHz.

On 40 meters, Advanced and Extra Class licensees
will be able to use
voice from 7125-7300 kHz, an increase of 25 kHz.
General class
licensees will be able to use voice on 7175-7300
kHz, an increase of
50 kHz.

On 15 meters, General class operators will have
phone privileges on
21275-21450 kHz, an increase of 25 kHz.

ARRL President Joel Harrison, W5ZN, expressed the
ARRL's gratitude
to the FCC Commissioners in a letter dated October
11: ''On behalf of
the ARRL and the Commission's licensees in the
Amateur Radio Service

I want to express appreciation for your release
yesterday of the
Report and Order in WT Docket 04-140 (FCC 06-149)
amending Part 97
of the Commission's Rules. The Commission's action
in clearing this
pending proceeding will assist the Amateur Radio
Service in meeting
its objectives, particularly with regard to
providing emergency and
public service communications.''

The changes will go into effect 30 days after the
R&O is published
in the Federal Register.
NNNN
/EX

757. clean up ham radio SC start by truning in your license

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 00:55:41 UTC
From: Mark@kb9rqz.net
Message-ID: <ovoti29eb274t4f6jcv48532v8abvohrdu@4ax.com>
Source record: 51131
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Fri, 13 Oct 2006 00:18:04 GMT, Slow Code <my.mail@no.spam> wrote:

>Cecil Moore <mycall@hotmail.com> wrote in
>news:C0hXg.21927$Ij.17787@newssvr14.news.prodigy.com:
>
>> Slow Code wrote:
>>> But the written tests have been dumbed down as well. You don't need to
>>> answer as many questions over-all for the General and Extra as you used
>>
>> Are you ever capable of telling the truth?
>> My 1957 ARRL License Manual contains 279
>> Extra questions in 25 pages. My 2000 ARRL
>> Extra License Manual contains 439 questions
>> and 350 pages just for the Extra exam.
>
>
>When you sit down at a VE test session the number of questions you have to
>answer over-all to be a Tech, General, or Extra class is less than it used to
>be

so what?
clean up ham radio SC start by truning in your license
http://kb9rqz.blogspot.com/

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Posted via a free Usenet account from http://www.teranews.com

758. clean up ham radio SC start by truning in your license

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 00:56:43 UTC
From: Mark@kb9rqz.net
Message-ID: <c1pti2ljp7aj0fn1v1o2hr1r0k5umcl74m@4ax.com>
Source record: 51132
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Fri, 13 Oct 2006 00:18:03 GMT, Slow Code <my.mail@no.spam> wrote:

>"U-Know-Who" <no-one@nowhere.com> wrote in
>news:jkhXg.62116$5o5.52493@tornado.texas.rr.com:
>
>>
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:6tgXg.8071$Y24.103@newsread4.news.pas.earthlink.net...
>>> "Iitoi" <iitoi@earthlink.net> wrote in
>>> news:ScaXg.7929$Y24.6296@newsread4.news.pas.earthlink.net:
>>>
>>>> 80M and 40M phone band expansion
>>>>
>>>> http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-149A1.doc
>>>
>>>
>>> I don't know if we'll get Mad right away but it's clear the FCC and the
>>> ARRL want to drive all good hams out of the service. Little by little
>>> they'll take away the non-phone portions of the bands and hand it over
>>> to the phone users. Like a frog in a pot of water that's raised to
>>> boiling point, one day us real hams will find we have to place to
>>> communicate on the ham bands that doesn't sound like Citizens Band.
>>>
>>> SC
>>
>> Anyone got some of what he's smoking?
>
>
>I smoke Marlboro, but you're not man enough to smoke'em. You should stick
>with your Virginia Slims.

you just proven yourself stupid ...for smoking

clean up ham radio SC start by truning in your license
>
>Make any CW contacts lately?
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

759. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 01:25:12 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <YVBXg.22221$lj.8930@newssvr14.news.prodigy.com>
Source record: 51133

Jim Kelley wrote:
> From what page in "Optics" by Hecht is the 1 watt laser problem and
> analysis copied?

The 1 watt laser mental exercise is my idea. Everything
else is directly from "Optics", by Hecht.

A 1 watt ideal laser was chosen for its single frequency
and coherent characteristics to avoid any more "brighter
than the surface of the sun" postings.

Why are you afraid to discuss a 1 watt laser?
--
73, Cecil http://www.w5dxp.com

760. Re: id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 01:28:36 UTC
From: slow_code_bitch_boi@yahoo.com
Message-ID: <1160702916.353189.248610@m73g2000cwd.googlegroups.com>
Source record: 51134
Cross-posted to: rec.radio.amateur.antenna,soc.men,rec.radio.cb,rec.radio.amateur.policy,alt.usenet.kooks

an old friend wrote:
> Mark@kb9rqz.com wrote:
> > <Mark@kb9rqz.com> wrote in message news:...
> id theft is acrime

you breathing the same air as the rest of the world should be a
crime,you filthy stinking faggot!

761. Re: id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 01:40:01 UTC
From: Mark@kb9rqz.net
Message-ID: <ohrti29320lu5jee75sbhsra91v7fuf4sg@4ax.com>
Source record: 51135
Cross-posted to: rec.radio.amateur.antenna,soc.men,rec.radio.cb,rec.radio.amateur.policy

On 12 Oct 2006 18:28:36 -0700, slow_code_bitch_boi@yahoo.com wrote:

>
>an old friend wrote:
>> Mark@kb9rqz.com wrote:
>> > <Mark@kb9rqz.com> wrote in message news:...
>> id theft is acrime
>
>you breathing the same air as the rest of the world should be a
>crime,you filthy stinking faggot!
funny how the majoity of american and a CONSERVETIVE supreme court not
agree
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

762. Re: It's amazing what people will say to try to justify dumbing down Amateur Radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 02:05:18 UTC
From: Opus- <jbuchy@shaw.ca>
Message-ID: <lqsti29qnfqt7cmsorhgmcjd5c1757hoq7@4ax.com>
Source record: 51136
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

```
On Fri, 13 Oct 2006 00:18:15 GMT, Slow Code <my.mail@no.spam> spake
thusly:

>Opus- <jbuchy@shaw.ca> wrote in
>news:b49ri2tjro2up3okv064v9k07nvoffed67@4ax.com:
>
>> On Thu, 12 Oct 2006 01:01:03 GMT, Slow Code <my.mail@no.spam> spake
>> thusly:
>>
>>>Opus- <jbuchy@shaw.ca> wrote in
>>>news:d4soi25f9fp1kg65l51m713abij9h7kpsa@4ax.com:
>>>
>>>> On Wed, 11 Oct 2006 00:44:42 GMT, Slow Code <my.mail@no.spam> spake
>>>> thusly:
>>>>
>>>>>Opus- <jbuchy@shaw.ca> wrote in
>>>>>news:iovli2lg2oiscbvcg0ej0eq723cpithf94@4ax.com:
>>>>>
>>>>>> On Tue, 10 Oct 2006 01:08:42 GMT, Slow Code <my.mail@no.spam> spake
>>>>>> thusly:
>>>>>>
>>>>>>>k4yz_05@yahoo.com wrote in
>>>>>>>news:1160392657.932021.251780@m7g2000cwm.googlegroups.com:
>>>>>>>
>>>>>>>>
>>>>>>>> Cecil Moore wrote:
>>>>>>>>> Slow Code wrote:
>>>>>>>>> > It's funny, and most telling. The no-code hams have everything
>>>>>>>>> > over 30 MHz, but it's the code hams that are the one's moving
>>>>>>>>> > ham radio forward and doing anything technical wise.
>>>>>>>>>
>>>>>>>>> If that's true, it's certainly a change from half a
>>>>>>>>> century ago when we HF hams observed the VHF/UHF
>>>>>>>>> hams revolutionizing amateur radio with their
>>>>>>>>> technical expertise.
>>>>>>>>
>>>>>>>> Uhhhhhhhh...Cecil...??!?!
>>>>>>>>
>>>>>>>> Did you actually make that up, or just quote someone else who
>>>>>>>> is
>>>>>>>> equally ill informed?
>>>>>>>>
```

>>>>>>>> Most of the people who were "moving forward" half a century
>>>>>>>> ago
>>>>>>>> were ALSO folks who were active on and well known in HF circles...
>>>>>>>>
>>>>>>>> Unless, of course, you're now going to take Lennie's spin and
>>>>>>>> tell
>>>>>>>> us that any / everything reported in QST, CQ, etc, was only
>>>>>>>> "self-serviing rhetoric"...?!?!
>>>>>>>>
>>>>>>>> Try again.
>>>>>>>>
>>>>>>>> Steve, K4YZ
>>>>>>>
>>>>>>>
>>>>>>>Anyone that puts out an argument to keep the code requirement gets
>>>>>>>teased by Cecil. He loves to throw out some goof-ball counter reply
>>>>>>>to try to be-little the original argument.
>>>>>>
>>>>>> Pot, meet kettle.
>>>>>
>>>>>
>>>>>No. All my arguments are good sound arguments.
>>>>
>>>> Oh PuhlEEEZE!!! Spelling Canada with a "K" is a good sound argument?
>>>> Calling me a "lazy ass" is a good sound argument? Claiming I get a
>>>> handout is a good sound argument?
>>>>
>>>> You have NEVER put out ANY kind of argument at all!!! Why don't you
>>>> try to cite some source that back up any of your "good sound
>>>> arguments".
>>>>
>>>> Free hint: Hurling insults and innuendo does NOT a "good sound
>>>> argument" make.
>>>>
>>>> Hope this helps.
>>>
>>>
>>>
>>>I'm sorry Opus, but I refuse to lie. You did get a hand-out, and you're
>>>Lazy because you refuse to learn CW to 20wpm, and too lazy to to use it.
>>>You don't want to be a good capable communicator in every way. That's
>>>just how it is. I'm sorry if the truth seems like an insult. You're
>>>right about one thing, I spelled Kanada wrong, I meant to type
>>>KKKanaduh. Eh.
>>
>> Tell me right now what "handout" I have received. Back up your "good
>> sound arguments" or forever be a PROVEN liar!
>
>
>KKKanadian licenses are all hand-outs now, just like your health care

>system, but that's not your fault and I don't blame you for it. Still, if
>you want to be a real ham you might want to get your code speed up so you
>can communicate with other real hams. We'd love communicating with ya.

Your blunt refusal to back up anything you claim simply proves to the
world what kind of loser you are. Can you deduct your mortgage
interest from your income tax? You can? Nice handout because I can't.

Welcome to the killfile, you pathetic little turd, along with the rest
of the little trolls hiding under bridges.

You're depriving a village somewhere of an idiot.

--
Opus62@gmail.com
(Jim, single dad to Lesleigh [Autistic] 04/20/94)

"What, Me Worry?" A. E. Newman

Please note: All unsolicited e-mail sent to me may, at
my discretion, be posted in this newsgroup verbatim.

763. Re: It's amazing what people will say to try to justify dumbing down Amateur Radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 02:06:35 UTC
From: N2EY@AOL.COM
Message-ID: <1160705194.947777.295270@h48g2000cwc.googlegroups.com>
Source record: 51137
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Opus- wrote:
> On Thu, 12 Oct 2006 01:01:03 GMT, Slow Code <my.mail@no.spam> spake
> thusly:
> >Opus- <jbuchy@shaw.ca> wrote in
> >news:d4soi25f9fp1kg65l51m713abij9h7kpsa@4ax.com:
> >> On Wed, 11 Oct 2006 00:44:42 GMT, Slow Code <my.mail@no.spam> spake
> >> thusly:
> >>>Opus- <jbuchy@shaw.ca> wrote in
> >>>news:iovli2lg2oiscbvcg0ej0eq723cpithf94@4ax.com:
> >>>
> >>>> On Tue, 10 Oct 2006 01:08:42 GMT, Slow Code <my.mail@no.spam> spake
> >>>> thusly:
> >>>>
> >>>>k4yz_05@yahoo.com wrote in
> >>>>news:1160392657.932021.251780@m7g2000cwm.googlegroups.com:

> >>>>> Cecil Moore wrote:
> >>>>>> Slow Code wrote:
> >>>>>> > It's funny, and most telling. The no-code hams have everything
> >>>>>> > over 30 MHz, but it's the code hams that are the one's moving ham
> >>>>>> > radio forward and doing anything technical wise.

> >>>>>> If that's true, it's certainly a change from half a
> >>>>>> century ago when we HF hams observed the VHF/UHF
> >>>>>> hams revolutionizing amateur radio with their
> >>>>>> technical expertise.
> >>>>>
> >>>>> Uhhhhhhhh...Cecil...??!?!
> >>>>>
> >>>>> Did you actually make that up, or just quote someone else who is
> >>>>> equally ill informed?
> >>>>>
> >>>>> Most of the people who were "moving forward" half a century ago
> >>>>> were ALSO folks who were active on and well known in HF circles...
> >>>>>
> >>>>> Unless, of course, you're now going to take Lennie's spin and
> >>>>> tell
> >>>>> us that any / everything reported in QST, CQ, etc, was only
> >>>>> "self-serviing rhetoric"...?!?!
> >>>>>
> >>>>> Try again.
> >>>>>
> >>>>> Steve, K4YZ

> >>>>>
> >>>>>
> >>>>>Anyone that puts out an argument to keep the code requirement gets
> >>>>>teased by Cecil. He loves to throw out some goof-ball counter reply to
> >>>>>try to be-little the original argument.
> >>>>
> >>>> Pot, meet kettle.
> >>>
> >>>
> >>>No. All my arguments are good sound arguments.
> >>
> >> Oh PuhlEEEZE!!! Spelling Canada with a "K" is a good sound argument?
> >> Calling me a "lazy ass" is a good sound argument? Claiming I get a
> >> handout is a good sound argument?
> >>
> >> You have NEVER put out ANY kind of argument at all!!! Why don't you
> >> try to cite some source that back up any of your "good sound
> >> arguments".
> >>
> >> Free hint: Hurling insults and innuendo does NOT a "good sound
> >> argument" make.
> >>
> >> Hope this helps.
>
> >I'm sorry Opus, but I refuse to lie. You did get a hand-out, and you're
> >Lazy because you refuse to learn CW to 20wpm, and too lazy to to use it.

"Slow Code" does not know what code speed "Opus" can do. He simply
assumes.

Note that we do not know "Slow Code's" code speed, either.

> >You don't want to be a good capable communicator in every way. That's just
> >how it is. I'm sorry if the truth seems like an insult. You're right
> >about one thing, I spelled Kanada wrong, I meant to type KKKanaduh. Eh.

Xenophobic attack rather than reasoned argument.

> Tell me right now what "handout" I have received. Back up your "good
> sound arguments" or forever be a PROVEN liar!
>
> You have lied and have been caught. You can't wiggle out of it.
>
> Once again..you are a proven liar and a fool.
>
> You are a disgrace to the amateur radio community.

Opus, you are making a simple but common logical mistake: You are
taking "Slow Code" seriously.

764. Re: It's amazing what people will say to try to justify dumbing down Amateur Radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 02:22:15 UTC
From: an old friend <kb9rqz@hotmail.com>
Message-ID: <1160706135.579599.307090@f16g2000cwb.googlegroups.com>
Source record: 51139
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

N2EY@AOL.COM wrote:
> Opus- wrote:
> > On Thu, 12 Oct 2006 01:01:03 GMT, Slow Code <my.mail@no.spam> spake
> > thusly:

> > >I'm sorry Opus, but I refuse to lie. You did get a hand-out, and you're
> > >Lazy because you refuse to learn CW to 20wpm, and too lazy to to use it.
>
> "Slow Code" does not know what code speed "Opus" can do. He simply
> *assumes*.
of course
>
> Note that we do not know "Slow Code's" code speed, either.
>
> > >You don't want to be a good capable communicator in every way. That's just
> > >how it is. I'm sorry if the truth seems like an insult. You're right
> > >about one thing, I spelled Kanada wrong, I meant to type KKKanaduh. Eh.
>
> Xenophobic attack rather than reasoned argument.

indeed which is the standard in procode wrold these days
>
> > Tell me right now what "handout" I have received. Back up your "good
> > sound arguments" or forever be a PROVEN liar!
> >
> > You have lied and have been caught. You can't wiggle out of it.
> >
> > Once again..you are a proven liar and a fool.
> >
> > You are a disgrace to the amateur radio community.
>
> Opus, you are making a simple but common logical mistake: You are
> taking "Slow Code" seriously.
why not he posts just like Robeson and Wismen and Heil

765. Re: Modelling Antenna Factor of small loop

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 02:27:56 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <o4sti2t0k76p717u36gf5ehrcrjbbb81co@4ax.com>
Source record: 51138

On Thu, 12 Oct 2006 17:17:27 -0700, Richard Clark <kb7qhc@comcast.net>
wrote:

>Hi All,
>
>Well, it seems enough problems have accumulated to warrant further
>discussion.
>
>On Thu, 12 Oct 2006 22:08:49 GMT, Owen Duffy <owen@no.where> wrote:
>
>>On Wed, 11 Oct 2006 16:32:50 GMT, "Frank's"
>><frank599@nospam.telus.net> wrote:
>>
>>...
>>>
>>>One thing that has bothered me about small loop modeling. When
>>>driven with a voltage source; loops of length < 0.1 wavelengths
>>>exhibit a radiated power ,and efficiency, of < 0. In other words
>>>the structure loss is > than the input power.
>
>To say the least. For a loop with sides of 1 meter, the radiation
>resistance at the low end of the chart verges on 150 nanoOhms. If
>this were copper wire, it would exhibit about 2.5 Ohms per 1000 feet.
>Instead it is steel wire (about 5 to 10 times the resistance) over a
>length of 13 feet or so. I will be generous and call it half an ohm
>total.
>
>>>Removing
>>>the wire conductivity loading corrects the problem.
>
>I hope you don't pack your own parachutes!
>
>>>In your
>>>particular case, at 5 MHz, the real input impedance is
>>>more than three orders of magnitude greater than the radiation resistance.
>
>Examining the radiation resistance again 0.0015 Ohm; copper loss
>remains the same for intents and purposes.
>
>>>I guess it could just be numerical rounding errors, but have gotten
>>>identical results when using double precision.
>>
>>Hi Frank,
>>

>>That is interesting.
>>
>>I haven't pursued modelling the loop being excited directly,
>
>I had presumed you performed that exercise.
>
>>but I
>>accept your observations.
>>
>>I have no idea what causes the problem. Perhaps a NEC guru may have an
>>explanation?
>
>Hmmmm.
>
>>I thinking about the impact of error in the estimate of either
>>radiation resistance or loss resistance of the conductor in the
>>scenario that I did model, it should be low, probably insignificant.
>
>You might want to revisit those thoughts.

I have also created a (non NEC) model that depends on the assumption that current is uniform. Frank has commented on a NEC model at 5MHz, where the loop side is 0.016 wavelengths, so current is close to uniform. Using that frequency in my non NEC model suggests that the radiation resistance is 0.0026, conductor loss resistance is 3.07, loop inductive reactance is 163, and the load is 50. The circuit impedance is 53.07+j163, and load voltage is relatively insensitive to small changes in radiation resistance or conductor loss resistance.

The model is at http://www.vk1od.net/SmallUntunedSquareLoop/temp/1.htm
.

Changing the NEC model to be driven by a voltage source, I get loop Z of 3.63+j173, so NEC predicts a higher loop Z. The efficiency calculated by NEC is 1.54%, much lower than the 0.085% implied in the simple model. The NEC efficiency implies that radiation resistance is 0.055. Doubling the number of segments in the NEC model does not markedly change loop Z, but increases efficiency to 2.3%, so there is something strange happening in the way it determines radiation resistance. With a single segment per side, NEC suggests efficiency of 0.8% which is close to my simple model.

One of the data points from my NEC2 run is at 5.091MHz, and Antenna Factor for the loop and 10m of RG58CU is 30.624dB/m. That includes an amount of the coax loss, and that amount should be 0.309dB, leaving the loop itself at 30.316dB/m.

Owen
--

766. Re: dipole length vs db

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 03:30:17 UTC
From: fmmck@aol.com
Message-ID: <fmmck-1210062330170001@172.146.79.165>
Source record: 51140

In article <m-7A4D25.18180212102006@news.verizon.net>, ml <m@di.net> wrote:

> > If I only have room for a short dipole, say 40 feet, and use a tuner such
> > as the SGC or Icom AH-4, what is the penalty in DB for the lower bands
> > (160, 75, 60, 40) compared to a half wave on each band?
> >
> > 73,
> > Fred
> > K4DII
>
> just a fyi, this really belongs in a new thread

ML-

Perhaps you are right. I was attempting to ask the same question in reverse: The "penalty" is the opposite of the possible improvement.

So far I've learned that the majority of loss is in the matching network. Actual gain of a shortened dipole is only about a half dB down, but radiation resistance is so low that I-squared-R losses in the tuner are significant.

Someone mentioned that you could reduce losses in the tuner by adding external loading coils. It seems to me that you would just be moving the loss out of the tuner into the loading coils.

The question of whether an order of magnitude of improvement can be attained appears to be answered. If you define that as ten dB of improvement, then probably not. The total penalty is most likely less than that.

73,
Fred
K4DII

767. Re: It's amazing what people will say to try to justify dumbing down Amateur Radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 03:31:18 UTC
From: "LenAnderson@ieee.org" <LenAnderson@ieee.org>
Message-ID: <1160710278.785000.124190@m7g2000cwm.googlegroups.com>
Source record: 51141
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

N2EY@AOL.COM wrote:
> Opus- wrote:
> > On Thu, 12 Oct 2006 01:01:03 GMT, Slow Code <my.mail@no.spam> spake
> > thusly:
> > >Opus- <jbuchy@shaw.ca> wrote in
> > >news:d4soi25f9fp1kg65l51m713abij9h7kpsa@4ax.com:
> > >> On Wed, 11 Oct 2006 00:44:42 GMT, Slow Code <my.mail@no.spam> spake
> > >> thusly:
> > >>>Opus- <jbuchy@shaw.ca> wrote in
> > >>>news:iovli2lg2oiscbvcg0ej0eq723cpithf94@4ax.com:
> > >>>
> > >>>> On Tue, 10 Oct 2006 01:08:42 GMT, Slow Code <my.mail@no.spam> spake
> > >>>> thusly:
> > >>>>
> > >>>>>k4yz_05@yahoo.com wrote in
> > >>>>>news:1160392657.932021.251780@m7g2000cwm.googlegroups.com:
>
> > >>>>>> Cecil Moore wrote:
> > >>>>>>> Slow Code wrote:

> Opus, you are making a simple but common logical mistake: You are
> taking "Slow Code" seriously.

Are we supposed to take YOU "seriously?" :-)

Now keep hunting for those PCs that use vacuum tubes, old
computerist...

768. Re: It's amazing what people will say to try to justify dumbing down Amateur Radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 04:01:54 UTC
From: Mark@kb9rqz.net
Message-ID: <fs3ui2h906j1pj7563bsj0k41c0a2i9iv7@4ax.com>
Source record: 51143
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Sat, 30 Sep 2006 14:30:14 -0500, Nada Tapu <user@host.domain>
wrote:

>On Fri, 18 Aug 2006 21:07:15 -0500, "wa0kbz" <wa0kbz@charter.net>
>wrote:
>
>>Glen
>>Don't know if I 100% agree with your code speeds but I do thing the NO Code
>>should be for 1 year and none renewable.
>>I had to take my license in front of the FCC and not so VE who may or may
>>not help you out to get a license.
>>As I am a big VHFer I don't know how these NO Code guys are going to
>>understand beacons. They are all code and most at 10 ~ 20 wpm. I guess the
>>next thing will be, they will want all beacons either digital or voice. YUK!
>>Not up in the GHZ range yet but maybe some day.
>>73, Bill, WA0KBZ
>
>Right on, Bill! Thanks for your thoughts.
why is there any need decode the beacon simply hearing the beacon tell
you that the band is open somewhere
>
>NT
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

769. Re: dipole length vs db

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 04:02:46 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <ge2ui21aumt0rnbacgs7k3pa3bf6vde3uv@4ax.com>
Source record: 51142

On Thu, 12 Oct 2006 23:30:17 -0400, fmmck@aol.com (Fred McKenzie) wrote:

>So far I've learned that the majority of loss is in the matching network.
>Actual gain of a shortened dipole is only about a half dB down, but
>radiation resistance is so low that I-squared-R losses in the tuner are
>significant.
>

You are right that the gain of a short practical dipole is good (and that requires that the losses are low).

The transmission line is a potential source of high loss when feeding a short dipole.

There was an article on QST some time back on using a 66' dipole on all bands. I have written a review which contains some graphs that cast light on where the losses are, the article is at http://www.vk1od.net/LOLL/index.htm .

It turns out that for most practical configurations, it is difficult to achieve good overall efficiency when the dipole length is below about 35% of a wavelength. You will probably need parallel wire transmission line rather coax for a shortened dipole.

>Someone mentioned that you could reduce losses in the tuner by adding
>external loading coils. It seems to me that you would just be moving the
>loss out of the tuner into the loading coils.
>
>The question of whether an order of magnitude of improvement can be
>attained appears to be answered. If you define that as ten dB of
>improvement, then probably not. The total penalty is most likely less
>than that.

Taking an "order of magnitude" to mean a tenfold increase or decrease (10dB), it will be challenging to improve an antenna tenfold by just adding length unless it was very inefficient in the first place (too short, lossy feedline + ATU).

If you coax centre fed a 40' dipole on 3.6MHz with 30m of RG58, you would find opportunity for tenfold improvement by increasing length (to a particular value).... but only because it was so hopelessly inefficient as configured.

By my 35% suggestion, a typical parallel line centre fed 40' dipole will peform ok down to about 8.6MHz. If it is coax fed, it will only be reasonably efficient on its series resonances (~12MHz, ~36MHz).

Owen
--

770. Re: dipole length vs db

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 05:58:48 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <r2aui29gt3fm3r39ijeorkoh7pv3mm268m@4ax.com>
Source record: 51144

On Thu, 12 Oct 2006 23:30:17 -0400, fmmck@aol.com (Fred McKenzie)
wrote:

>Someone mentioned that you could reduce losses in the tuner by adding
>external loading coils. It seems to me that you would just be moving the
>loss out of the tuner into the loading coils.

Hi Fred,

The advice is good, and the logic demands you consider what you say.
What is being exported is the inductance and if you are good at it,
you can build a loading coil that exhibits less loss than the
inductance internal to the tuner.

This reduced loss comes about by larger wire, larger form factor, more
spacing between turns:
Larger wire has more surface area which is significant for skin
effect.
A larger form factor will allow more inductance to replace what is in
the tuner (it will not be a 1:1 even trade, however).
More spacing between wires takes us back to skin effect. Wires that
are in proximity closer than 3 diameters will force currents beneath
the surface of the wires (magnifying the skin effect's loss through
reduced volume for current).

Another virtue is that loading away from the tuner, up in the
structure of the radiator, allows a higher current to flow in that
structure. The general advice is to put the load at least 1/2 up to
2/3rds away from the feedpoint. Outside of this region has
diminishing results. THIS is where you will find gain over a bare
wire and for very short wires, that gain CAN be an order of magnitude.

73's
Richard Clark, KB7QHC

771. Re: dipole length vs db

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 06:15:40 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1160720140.751216.150450@e3g2000cwe.googlegroups.com>
Source record: 51145

ml,

I think the other posters have covered the fact that you just can't get an order of magnitude or two over all bands just by lengthening the wire. Two orders of magnitude, or 20dB gain over a dipole requires really heroic effort in antenna building at HF. If you put a lot of time, money and effort into it, you might be able to get 20dB gain over a dipole on 10 meters. You would have to use stacked long-boom beams or something of that sort.

Even 10dB gain over a dipole is going to require a big beam. Think 5 element yagi or so. So, unfortunately, you're not likely to get a gain of more than a few dB over a dipole... maybe 5 or 6dB, like Cecil's antenna on 17m, which is a substantial gain, but falls short of an order of magnitude.

Cecil's point is valid. I went a bit overboard on saying that the pattern of a long dipole was BAD. The multiple lobes can be useful if they point in the directions you want to work, it's true.

It IS bad if there happens to be a null on a station you want to work. It's good to be able to put the energy you're radiating in the direction you want.

For a long multiband antenna you can't rotate, this could be hard because the direction of the peaks and nulls changes with frequency. This could be good, it could be bad, but without pictures, you just don't know which way your signal is going. (you can find some pictures of long doublet patterns here, by the way: http://www.cebik.com/wire/abd.html.)

- - - - - -

Something to think about regarding massive signal improvement from changing your antenna: Having a high gain antenna means that you get response in the direction you want *at the expense* of other directions.

This is why high gain ham antennas are made rotatable. You can send all your transmitted power in a narrow *beam* in the direction you want to work.

For a very long doublet, the lobes may have gain over a dipole, and that could certainly be useful for some contacts. It could be, though, that you have a null in the direction you want to work. In the end, that probably all averages out.

- - - - - -

If the multiple-lobed pattern works for you, just make the antenna 1/2 wavelength long on the lowest frequency of operation. This will give you a big EFFICIENCY boost on the low frequencies, because less of your power will go to heat in the tuner.

I wonder, also, how high your antenna is above ground. Putting your antenna higher will improve the signal on all bands, possibly dramatically on the lower frequencies if it's not up at least an eighth to a quarter of a wavelength on the lowest band.

You might just try to build something for a single band where you want improvement. That's what I did when I was starting out. I had a 150 foot wire that I used on all bands, but then I started building single band antennas for my favorite bands to improve performance there.

73,
Dan

772. Re: dipole length vs db

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 06:32:20 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1160721140.658091.213970@b28g2000cwb.googlegroups.com>
Source record: 51146

> If I only have room for a short dipole, say 40 feet, and use a tuner such
> as the SGC or Icom AH-4, what is the penalty in DB for the lower bands
> (160, 75, 60, 40) compared to a half wave on each band?

Some quasi-wild guesses for a 40 foot dipole relative to full size at
the same height, probably best case.

160m: -16dB
75m: -8dB
60m: -3dB
40m: -1.5dB

These numbers don't mean much. I used EZNEC to look at the losses in
Q=100 loading coils with enough reactance to bring thing to resonance
on each band. No attempt to match to 50 ohms was made, but I made the
Q kind of low to reflect other tuner losses. Still, these are almost
certainly optimistic, especially on 160.

Dan

773. Re: dipole length vs db

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 06:51:50 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <61dui25dq51nrs06srcq12oicva1ts63ru@4ax.com>
Source record: 51147

On 12 Oct 2006 23:32:20 -0700, "n3ox.dan@gmail.com"
<n3ox.dan@gmail.com> wrote:

>> If I only have room for a short dipole, say 40 feet, and use a tuner such
>> as the SGC or Icom AH-4, what is the penalty in DB for the lower bands
>> (160, 75, 60, 40) compared to a half wave on each band?
>
>Some quasi-wild guesses for a 40 foot dipole relative to full size at
>the same height, probably best case.
>
>160m: -16dB
>75m: -8dB
>60m: -3dB
>40m: -1.5dB
>
>These numbers don't mean much. I used EZNEC to look at the losses in
>Q=100 loading coils with enough reactance to bring thing to resonance
>on each band. No attempt to match to 50 ohms was made, but I made the
>Q kind of low to reflect other tuner losses. Still, these are almost
>certainly optimistic, especially on 160.

Dan, looking at a hypothetical unloaded scenario...

I don't know what feedpoint Z you got for a centre fed 40' dipole at
7MHz... but lets guess somewhere about 11+j750. Lets feed the antenna
with 15m (~50') of RG58C/U for a loss of 18dB (efficiency 1.6%) and an
input z at the ATU of 44-j179. The ATU should handle that with very
low loss... so overall, the efficiency is ~1.6%.

You can do these calcs with the line loss calculator at
http://www.vk1od.net/tl/tllc.php, nothing to unzip!

Adding 26' of wire to the dipole should improve the antenna to better
than 80% efficiency or a fifty fold improvement on transmit. But it
only worked so dramatically because the 40' dipole centre fed with
coax is so inefficient.

Owen
--

774. Re: dipole length vs db

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 06:53:16 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <rddui2hlr3vech700nns797m1h5o009e9l@4ax.com>
Source record: 51148

On Fri, 13 Oct 2006 06:51:50 GMT, Owen Duffy <owen@no.where> wrote:

>7MHz... but lets guess somewhere about 11+j750. Lets feed the antenna

Spellcheckers aren't smart enough, should read:

>7MHz... but lets guess somewhere about 11-j750. Lets feed the antenna
--

775. Re: dipole length vs db

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 07:44:53 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <VtHXg.9921$TV3.7392@newssvr21.news.prodigy.com>
Source record: 51149

Fred McKenzie wrote:
> Someone mentioned that you could reduce losses in the tuner by adding
> external loading coils. It seems to me that you would just be moving the
> loss out of the tuner into the loading coils.

Very little radiation occurs before the tuner.
Lots of radiation often occurs between the
feedpoint and the loading coils.
--
73, Cecil http://www.w5dxp.com

776. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 08:37:53 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <BfIXg.22336$lj.1743@newssvr14.news.prodigy.com>
Source record: 51150

Jim Kelley wrote:
> Not exactly as per Hecht. Note to the casual reader: please be advised
> that unlike Cecil, Eugene Hecht does not claim that power is equal to
> irradiance.

Here's a quote from "Optics", by Hecht concerning irradiance.
"... since the *power* cannot be measured instantaneously, the
detector must integrate the energy flux over some finite time,
T. ... The time-averaged value of the Poynting vector, ..., is
a measure of I." - where I is the irradiance and the Poynting
vector is the power flow vector.

Hecht seems to treat irradiance the same way that RF engineers
treat power flow vectors. Hecht also says that integrating energy
flux over some finite time is a measure of power. Presumably,
that could be a non-destructive mental integration.

In "Optics", the definition of irradiance is: "the average energy
per unit area per unit time". That's the same definition as the
power flow vector from the IEEE Dictionary: "... *power* per
unit-area propagating in the wave".

Also from the IEEE Dictionary: "Poynting vector - ... The integral
of P(t,r) over a surface is the instantaneous electromagnetic
power flow through the surface."

Do you really think Hecht used the Poynting vector while ignorant
of its definition?

When an astronomer draws a spherical boundary around the sun and
calculates the power output of the sun, most of that power is
heading out to empty space and doing no work. Maybe you should
campaign to have that calculation removed from publication.
--
73, Cecil http://www.w5dxp.com

777. 80 metre 4-square

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 08:45:48 UTC
From: David G4DMP <david@REMOVEg4dmp.fsnet.co.uk>
Message-ID: <A42V$hA8I1LFFwkY@g4dmp.fsnet.co.uk>
Source record: 51151

Does anyone here use a 4-square antenna on 80 metres? How many radials
are recommended on each of the verticals?

73
--
David G4DMP
Leeds, England, UK
------

778. Re: dipole length vs db

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 09:56:18 UTC
From: ml <m@di.net>
Message-ID: <m-9145C7.05560413102006@news.verizon.net>
Source record: 51152

thanks for the tips appreciate your time in writing the posts :)

my antenna is about 150ft high and rather higher above average terran
i am up on a naturall high spot almost a hill the view from the roof
is amazing only 1 other building is taller than me for miles

i had thought i dunno why that if i ended up w/a dipole that was very
long (multi waves) i would get increased gain(significat) at some point
but i certainly dont want to end up w/directional gain i wanted a broad
freq and broad radation since i like to work all bands and all
locations

so i learned i still can't have my cake and eat it too <stomp>

i'll prob just follow cecil's and richards' rule, of build it and
experiment i'll end up w/a 160m long dipole as it's my lowest freq and
see how it goes i'll have to call my tuner manuf as i don't think it
will tune that long perhaps i can modify it or i'll have to use a tuner
in the shack

then i'll just see how it works i guess ok on the lower part but up
around 10m if i understand it i'll become more directional

an a/b switch and i'll be set

i'll have to figure what wire ga will support itself at that length 2
160m runs is big i can support it in the middle on one side but the
other is free

thanks very much i really did learn alot

m

In article <1160720140.751216.150450@e3g2000cwe.googlegroups.com>,
"n3ox.dan@gmail.com" <n3ox.dan@gmail.com> wrote:

> ml,
>
> I think the other posters have covered the fact that you just can't get
> an order of magnitude or two over all bands just by lengthening the
> wire. Two orders of magnitude, or 20dB gain over a dipole requires
> really heroic effort in antenna building at HF. If you put a lot of
> time, money and effort into it, you might be able to get 20dB gain over
> a dipole on 10 meters. You would have to use stacked long-boom beams
> or something of that sort.
>
> Even 10dB gain over a dipole is going to require a big beam. Think 5
> element yagi or so. So, unfortunately, you're not likely to get a gain

> of more than a few dB over a dipole... maybe 5 or 6dB, like Cecil's
> antenna on 17m, which is a substantial gain, but falls short of an
> order of magnitude.
>
> Cecil's point is valid. I went a bit overboard on saying that the
> pattern of a long dipole was BAD. The multiple lobes can be useful if
> they point in the directions you want to work, it's true.
>
> It IS bad if there happens to be a null on a station you want to work.
> It's good to be able to put the energy you're radiating in the
> direction you want.
>
> For a long multiband antenna you can't rotate, this could be hard
> because the direction of the peaks and nulls changes with frequency.
> This could be good, it could be bad, but without pictures, you just
> don't know which way your signal is going. (you can find some pictures
> of long doublet patterns here, by the way:
> http://www.cebik.com/wire/abd.html.)
>
> - - - - - -
>
> Something to think about regarding massive signal improvement from
> changing your antenna: Having a high gain antenna means that you get
> response in the direction you want *at the expense* of other
> directions.
>
> This is why high gain ham antennas are made rotatable. You can send
> all your transmitted power in a narrow *beam* in the direction you want
> to work.
>
> For a very long doublet, the lobes may have gain over a dipole, and
> that could certainly be useful for some contacts. It could be, though,
> that you have a null in the direction you want to work. In the end,
> that probably all averages out.
>
> - - - - - -
>
> If the multiple-lobed pattern works for you, just make the antenna 1/2
> wavelength long on the lowest frequency of operation. This will give
> you a big EFFICIENCY boost on the low frequencies, because less of your
> power will go to heat in the tuner.
>
> I wonder, also, how high your antenna is above ground. Putting your
> antenna higher will improve the signal on all bands, possibly
> dramatically on the lower frequencies if it's not up at least an eighth
> to a quarter of a wavelength on the lowest band.
>
> You might just try to build something for a single band where you want
> improvement. That's what I did when I was starting out. I had a 150
> foot wire that I used on all bands, but then I started building single

> band antennas for my favorite bands to improve performance there.
>
> 73,
> Dan

779. ifos for FD4 or other antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 12:00:05 UTC
From: pierard laurent <pierard_laurent@hotmail.com>
Message-ID: <egnv3o$b4f$1@news.brutele.be>
Source record: 51153

hello all,

i research dimension, and infos, for construction antenna LW multibandes 1.8
too 50 MHZ includes WARC bands.

balun its ??? 4/1 8/1 ???

tks a lot
on3vhf laurent

--
on3vhf@uba.be
www.on3vhf.be.tf
locator: JO20EM

780. Re: dipole length vs db

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 12:34:13 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1160742853.326168.318850@h48g2000cwc.googlegroups.com>
Source record: 51154

Owen Duffy wrote:
> On Fri, 13 Oct 2006 06:51:50 GMT, Owen Duffy <owen@no.where> wrote:
>
> >7MHz... but lets guess somewhere about 11+j750. Lets feed the antenna
>
> Spellcheckers aren't smart enough, should read:
>
> >7MHz... but lets guess somewhere about 11-j750. Lets feed the antenna

--

Hahaha... guess you need a complex conjugation checker. Owen, I was assuming no feedline and an antenna tuner at the feedpoint and being very gracious towards that antenna tuner's abilities (I wouldn't be surprised if a tuner could match 11-j750 with 1.5dB of loss, though maybe not a 100W-class autotuner).

As far as the transmission line calculator goes, I use it ALL the time. It's a fantastic resource, both technically and ... well, rhetorically. A lot of folks will say their antenna works even if their antenna is a 40 foot dipole fed with 50 feet of RG-58 on 40m.

They can hear people with it, their rig's autotuner loads it up just fine on 40m, and they can "make contacts" but their effective radiated power is going to be 1.6 watts... and feedline loss is an environmentally-unfriendly way to be a QRP operator.

Dan

781. Re: dipole length vs db

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 12:58:01 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <t3MXg.16284$7I1.2963@newssvr27.news.prodigy.net>
Source record: 51155

ml wrote:
> i'll end up w/a 160m long dipole as it's my lowest freq and
> see how it goes

For the 160m band, the antenna only needs to be 80m long.
The rule is: Make the dipole 1/2WL long on the lowest
frequency of interest. And actually, using a tuner, you
can get away with making it 3/8WL long on the lowest
frequency of interest. So your dipole only needs to be
~60m long to cover 160m-10m.
--
73, Cecil http://www.w5dxp.com

782. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 13:51:49 UTC
From: Gene Fuller <W4SZzzzzzz@att.net>
Message-ID: <VRMXg.60185$QZ1.16701@bgtnsc04-news.ops.worldnet.att.net>
Source record: 51156

Cecil Moore wrote:
> Gene Fuller wrote:
>> Don't bother. I understand the physics quite well, thank you.
>
> So, is anything technically wrong with what I posted?
> It is all copied out of various parts of "Optics", by
> Hecht.

Cecil,

Yes, there was something technically wrong. The message I responded to had a glaring violation of conservation of energy. Your follow-up corrected the problem.

73,
Gene
W4SZ

783. Re: 80 metre 4-square

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 14:32:15 UTC
From: Frank <ve6cb@spamfree.telus.net>
Message-ID: <PrNXg.12288$P7.8138@edtnps90>
Source record: 51157

"David G4DMP" <david@REMOVEg4dmp.fsnet.co.uk> wrote in message
news:A42V$hA8I1LFFwkY@g4dmp.fsnet.co.uk...
> Does anyone here use a 4-square antenna on 80 metres? How many radials
> are recommended on each of the verticals?
>
> 73
> --
> David G4DMP
> Leeds, England, UK
> ------

Hi David, check this out: http://users.bart.nl/~pa9kt/4square.htm

73,

Frank (VE6CB)

784. Yaesu ATAS-100 and ATAS-120

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 14:42:48 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <452fa5e8$0$25879$4fafbaef@reader1.news.tin.it>
Source record: 51158

I have been offered a used Yaesu ATAS-100 mobile antenna. Not knowing the differences with the newer ATAS-120, I am not sure whether it would be worthwhile to spend (considerably) more money on a new ATAS-120. Does anyone have information at that regard?

73

Tony I0JX

785. Re: Yaesu ATAS-100 and ATAS-120

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 15:09:09 UTC
From: Norm VE3CZI <ve3czi@arrl.net>
Message-ID: <s_NXg.114818$ED.12297@read2.cgocable.net>
Source record: 51159

The ATAS-100 is a good antenna using a rubber boot for coil protection. Had a few reports about water getting into the rubber boot causing corrossion problems internatlly, which could be repaired.
The ATAS-120 was a remake of the ATAS-100 BUT used a metal coil protector that avoided the water damage problem.
I've used both and both work the same way. If the ATAS-100 is available at a "really" good price, would ensure it operated OK, and would not leave it on the vehicle 100% of the time...just install it as you need it during a trip. Therefore avoiding any water damage, which apparantely only occurs during a rain storm while driving.
A nice Antenna for the price, but would like to compare it to a larger diameter coil model.

73
Norm VE3CZI
www.rodemi.com

"Antonio Vernucci" <vernucci@tin.it> wrote in message
news:452fa5e8$0$25879$4fafbaef@reader1.news.tin.it...
I have been offered a used Yaesu ATAS-100 mobile antenna. Not knowing the differences with the newer ATAS-120, I am not sure whether it would be worthwhile to spend (considerably) more money on a new ATAS-120. Does anyone have information at that regard?

73

Tony I0JX

786. Re: 80 metre 4-square

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 15:14:50 UTC
From: tclay@qmc.ph.msstate.edu
Message-ID: <87zmc0nt79.fsf@qmc.ph.msstate.edu>
Source record: 51160

>Does anyone here use a 4-square antenna on 80 metres? How many
>radials are recommended on each of the verticals?

I'm in the middle of building one. I'm planning on about 50 radials
per vertical. To save wire I will probably shorten the radials "inside"
the array and connect them to bus wires.

The radial-laying sure is taking a lot more time than putting up the
verticals :0

Tor
N4OGW

787. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 17:23:06 UTC
From: sapper <billvet6@excite.com>
Message-ID: <1160760186.213722.192480@e3g2000cwe.googlegroups.com>
Source record: 51161

Cecil Moore wrote:
> Richard Clark wrote:
> > And electric and magnetic fields exist quite independently of ANY
> > photons (invisible or otherwise) ...
>
> Richard, I suggest you take time to digest the material before making
> any more obviously false statements like the above.
> --
> 73, Cecil, w5dxp.com
Cecil,
Looked at your site.Love your bike.73
Bill KC9IRR

788. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 17:39:59 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <PbQXg.6520$NE6.3248@newssvr11.news.prodigy.com>
Source record: 51162

sapper wrote:
> Looked at your site. Love your bike.
> 73, Bill KC9IRR

Just put 1500 miles on it over the long
weekend. My sister asked: "What if it's
a bad day?" (weather-wise)

Told her any day on a Harley is a good day
and if I died on it, I would die happy.
--
73, Cecil http://www.w5dxp.com

789. Re: ifos for FD4 or other antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 18:03:54 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12ivl8a70f87bba@corp.supernews.com>
Source record: 51163

pierard laurent wrote:
> hello all,
>
> i research dimension, and infos, for construction antenna LW multibandes 1.8
> too 50 MHZ includes WARC bands.
>
> balun its ??? 4/1 8/1 ???
>
> tks a lot
> on3vhf laurent
>
The B&W antennas are 600 ohm and 12:1 baluns.

Dave WD9BDZ

790. Half Square EZNEC file

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 18:16:10 UTC
From: "JimK2TL@gmail.com" <JimK2TL@gmail.com>
Message-ID: <1160763370.522687.160750@h48g2000cwc.googlegroups.com>
Source record: 51164

Hello
Does anyone have an .ez file for the half square that you could E me?

Thanks
Jim

791. Re: Half Square question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 19:11:52 UTC
From: Kenneth Grimm <kgrimm@adelphia.net>
Message-ID: <dpovi21p0o4tul501km3c51ee7m17gu9j0@4ax.com>
Source record: 51165

On 12 Oct 2006 11:42:23 -0700, "JimK2TL@gmail.com" <JimK2TL@gmail.com>
wrote:

>I have been researching the HSQ antenna until I am Half Crazy.. anyway,
>I am looking for info on this article: "Rotate the Bobtail Curtain";
>Jerrold A. Swank, W8HXR; 73, May 1985, p.48 , A clever method of
>switching the half square's pattern to end fire using a quarter wave
>stub. I found a reference to this on a web site.
> I can't seem to find this info anywhere. I am very interested in
>this because the way my property would accommodate a HSQ antenna would
>put it broadside NW by SW..not exactly a DX friendly direction from New
>Jersey.
>Does anyone know what this technique is and how to build it?
>
>And I hope you don't mind if I ask a few more questions. I am
>inclined to voltage feed one vertical wire with an LC network, but I
>have read a lot of posting saying that this is blasphemy and it MUST be
>fed at a corner with coax or your soul will be doomed. I hope not !
>Is there a final opinion on this? It seems to me that corner feeding
>has more problems associated with coupling to the coax line than
>building a simple LC network. But then, do I need a radial system for
>voltage feeding?
>
>Thanks for any help on both these questions.
>
>
>
>Jim
>
>K2TL

I don't know about the stub article, but voltage feeding was what made
the Bobtail Curtain such a great antenna. No radials needed. As I
recall, all I had was a short ground rod and a parallel tuned tank at
the bottom of the middle vertical element. A fun antenna to build and
play with.

73,

Ken K4XL
k4xl@arrl.net

*** BoatAnchor Manual Archive ***
On the web at http://bama.sbc.edu and http://bama.edebris.com
FTP site info: bama.sbc.edu login: anonymous p/w: youremailadr

792. Re: ifos for FD4 or other antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 19:15:27 UTC
From: pierard laurent <pierard_laurent@hotmail.com>
Message-ID: <egook7lcv1@news.brutele.be>
Source record: 51166

tks a lot dear Dave.

73s

laurent on3vhf

"David G. Nagel" <nagel@core.com> a crit dans le message de news:
12ivl8a70f87bba@corp.supernews.com...
> pierard laurent wrote:
>> hello all,
>>
>> i research dimension, and infos, for construction antenna LW multibandes
>> 1.8 too 50 MHZ includes WARC bands.
>>
>> balun its ??? 4/1 8/1 ???
>>
>> tks a lot
>> on3vhf laurent
>>
> The B&W antennas are 600 ohm and 12:1 baluns.
>
> Dave WD9BDZ

793. Re: dipole length vs db

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 22:03:08 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <1b10j2hnh7d90la4nppa6vure6glbbgdjk@4ax.com>
Source record: 51167

On 13 Oct 2006 05:34:13 -0700, "n3ox.dan@gmail.com"
<n3ox.dan@gmail.com> wrote:

Dan, locating the tuner at the feedpoint is certainly a method of reducing feedline loss. You will need very long arms or a remote automatic tuner. I have been surprised by how slow the market has been to match / excite the potential demand for a remote auto-tuner with balanced output (I think SGC does one, but I have no idea of how it performs).

Otherwise, the feedline is critically important in antenna system performance, and you can only determine that by analysing the entire system as a system.

...

>rhetorically. A lot of folks will say their antenna works even if their
>antenna is a 40 foot dipole fed with 50 feet of RG-58 on 40m.
>
>They can hear people with it, their rig's autotuner loads it up just
>fine on 40m, and they can "make contacts" but their effective radiated
>power is going to be 1.6 watts... and feedline loss is an
>environmentally-unfriendly way to be a QRP operator.

Yes, but note that 20dB of feedline loss on 40m probably does not degrade the receive signal to noise ratio because even when external noise is decreased by 20dB, it still swamps the receivers internal noise, and signal to noise ratio is dominated by the (external) signal and external noise (both attenuated).

For example, if you look at Fig 2 at http://www.vk1od.net/fsm/FSAmbientNoise.htm you will see that expected ambient noise power in 2kHz bandwidth on 7MHz is somewhere in the range -87dBm to -108dBm, with somewhere above -103dBm (~S4) being typical in a good location. Attenuating noise at -103dBm by 20dB gives -123dBm, still way above the noise floor of modern receivers at about -135dBm. So from a rx perspective, it "works", demonstrated by copying other stations ok, just the S-meter reading is low.

One of our new Foundation Licencees asked me a question through a site feedback form some months age. It is relevant to this issue in a near QRP context, FLs are limited to 10W PEP on SSB, 3W carrier on other modes. Foundation Licencees qualify with about 6 hours of training, mostly on operational practice and very little technical content. The question and my response are below:

Question:

Why can't I get contacts on 80m. I don't have room for an 80m dipole, so I am using my 40m dipole that works just great on 40m. Of course, it would not be impedance matched on 80m, so I have used an ATU (which I was taught matches the antenna and line to the transmitter) and can easily get SWR of 1:1 (excellent match!). My antenna is fed with 25m of RG58C/U as an expert told me that it has a loss of only 0.6dB and I wouldn't notice that.

Answer:

It is true that the loss on 25m of RG58C/U on 80m under matched line conditions is about 0.6dB and for most purposes that might be quite acceptable. For reasons beyond your current understanding, your line is not matched, and the loss on your coax is much more than 0.6dB (about 15%), the losses are around 21dB (about 99.3%) and around 0.7% of your 10W output is reaching the antenna feed point. The good news is that the gain of your shortened antenna is still quite good, and your ERP (you learned about ERP for your licence) is probably around 0.1W (EIRP) broadside to your shortened dipole.

If for instance you were trying to work another station that is using a 100W transmitter and an antenna system efficiency of better than 75% (realistic), their ERP is probably around 120W (EIRP). To an independent observer who hears you both above the noise and has equally good propagation from both of you, your signal is 5 S-units lower than the other station. That disparity will make it very hard for you to work all but the very strongest of stations because of the ambient noise level, and even then they will be straining to hear you in the noise.

Your antenna efficiency will not as seriously impact your receive performance, because both the external noise and the desired signals are attenuated by the same amount, and are still well above the receiver's internal noise. The signal / noise ratio will be similar to using an efficient antenna, just the S-meter reading will be lower.

When you run less power than the other stations that you want to work, the performance of your antenna becomes even more important.

Owen
--

794. Re: ifos for FD4 or other antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 22:25:59 UTC
From: 62736748382 <12346@net.net>
Message-ID: <45301277$1_1@news.iprimus.com.au>
Source record: 51168

pierard laurent wrote:
> hello all,
>
> i research dimension, and infos, for construction antenna LW multibandes 1.8
> too 50 MHZ includes WARC bands.
>
> balun its ??? 4/1 8/1 ???
>
> tks a lot
> on3vhf laurent
>
Fritzel FD4 is a Windom antenna, not a broadband terminated dipole.

it use 6:1 balun. Nevertherless its just a plain old coaxial fed windom.

Greg

795. Re: ifos for FD4 or other antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-13 23:18:16 UTC
From: Danny Richardson <n_group@k6mhe.com>
Message-ID: <rj70j2hqb6mjt4nehqftpqj6e8to6om8bu@4ax.com>
Source record: 51169

On Fri, 13 Oct 2006 15:25:59 -0700, 62736748382 <12346@net.net> wrote:

>pierard laurent wrote:
>> hello all,
>>
>> i research dimension, and infos, for construction antenna LW multibandes 1.8
>> too 50 MHZ includes WARC bands.
>>
>> balun its ??? 4/1 8/1 ???
>>
>> tks a lot
>> on3vhf laurent
>>
>Fritzel FD4 is a Windom antenna, not a broadband terminated dipole.
>
>it use 6:1 balun. Nevertherless its just a plain old coaxial fed windom.
>

Why do people continue to call an off-center-fed-dippole a Windom?

Danny, K6MHE

796. Re: ifos for FD4 or other antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-14 00:39:53 UTC
From: 62736748382 <12346@net.net>
Message-ID: <453031d9$1_1@news.iprimus.com.au>
Source record: 51170

Danny Richardson wrote:
> On Fri, 13 Oct 2006 15:25:59 -0700, 62736748382 <12346@net.net> wrote:
>
>> pierard laurent wrote:
>>> hello all,
>>>
>>> i research dimension, and infos, for construction antenna LW multibandes 1.8
>>> too 50 MHZ includes WARC bands.
>>>
>>> balun its ??? 4/1 8/1 ???
>>>
>>> tks a lot
>>> on3vhf laurent
>>>
>> Fritzel FD4 is a Windom antenna, not a broadband terminated dipole.
>>
>> it use 6:1 balun. Nevertherless its just a plain old coaxial fed windom.
>>
>
> Why do people continue to call an off-center-fed-dippole a Windom?
>
> Danny, K6MHE
>

OCF, i think is the new term for something old. Nothing new in radio,
it just goes around in a circle and comes back with a new name.

Watch out for the G5RV it will come back as the tuner intergrated dipole
TID, since so many will forget what a G5RV is the TID will be a new
miracle antenna. I could be wrong here. They already selling antennas
with resistors in them, so who knows whats next.

I wonder when someone will release the light globe antenna for
restricted space. After all we know we can work DX with a dummy load.

I thought the mushroom principle was dead in ham radio, but some still
seem to believe that keeping you in the dark and feeding your BS is good
marketing practice.

Greg

797. Re: ifos for FD4 or other antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-14 01:44:35 UTC
From: Danny Richardson <n_group@k6mhe.com>
Message-ID: <74g0j2dipb6pnkevnmb088stbgh714c4vm@4ax.com>
Source record: 51171

On Fri, 13 Oct 2006 17:39:53 -0700, 62736748382 <12346@net.net> wrote:

>Danny Richardson wrote:

>>>>
>>> Fritzel FD4 is a Windom antenna, not a broadband terminated dipole.
>>>
>>> it use 6:1 balun. Nevertherless its just a plain old coaxial fed windom.
>>>
>>
>> Why do people continue to call an off-center-fed-dippole a Windom?
>>
>> Danny, K6MHE
>>
>
>OCF, i think is the new term for something old. Nothing new in radio,
>it just goes around in a circle and comes back with a new name.
>
>Watch out for the G5RV it will come back as the tuner intergrated dipole
>TID, since so many will forget what a G5RV is the TID will be a new
>miracle antenna. I could be wrong here. They already selling antennas
>with resistors in them, so who knows whats next.
>
>I wonder when someone will release the light globe antenna for
>restricted space. After all we know we can work DX with a dummy load.
>
>I thought the mushroom principle was dead in ham radio, but some still
>seem to believe that keeping you in the dark and feeding your BS is good
>marketing practice.
>
An OCFD is NOT a Windom and visa versa. They are two different antenna
systems.

Danny, K6MHE

798. Re: ifos for FD4 or other antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-14 03:18:18 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <_FYXg.14687$6S3.1913@newssvr25.news.prodigy.net>
Source record: 51172

Danny Richardson wrote:
> An OCFD is NOT a Windom and visa versa. They are two different antenna
> systems.

Yes, but the Windom name has been hijacked, e.g.
Carolina Windom.
--
73, Cecil http://www.w5dxp.com

799. Re: Yaesu ATAS-100 and ATAS-120

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-14 11:32:20 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4530cac4$0$5854$4fafbaef@reader3.news.tin.it>
Source record: 51173

> I've used both and both work the same way. If the ATAS-100 is available at
> a "really" good price, would ensure it operated OK

After your comments, today I have bought the used ATAS-100 and, before buying, I have tested it.

I tried all bands, including WARC, from 7 to 50 MHz.

It has a good SWR on all bands except 7 MHz, where the residual SWR is too high for the FT-100D to deliver full power. With the manual procedure, I could determine that the antenna shows a clear resonance point on 7MHz, but at that point the SWR is not low enough.

However I still have to optimize the ground system in my car, so I hope the situation will improve on 7.

Thanks and 73

Tony I0JX

800. Re: Where Does the Power Go?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-14 13:24:23 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <by5Yg.22594$lj.15429@newssvr14.news.prodigy.com>
Source record: 51174

Gene Fuller wrote:
> Yes, there was something technically wrong. The message I responded to
> had a glaring violation of conservation of energy. Your follow-up
> corrected the problem.

Gene, as you know, there is no such thing as a violation of
conservation of energy. But the reflectance at the thin-film
surface is 0.01 and a reflection is unavoidable. So how does
the reflected 0.01 watts/unit-area of irradiance keep from
violating the conservation of energy principle? Where does
that energy go? My follow-up answered those questions. Two
rearward pointing power flow vectors are associated with
wave cancellation of the EM fields. That's destructive
interference resulting in constructive interference in the
opposite direction.
--
73, Cecil http://www.w5dxp.com

801. Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-14 13:32:21 UTC
From: CW <cpwendling@yahoo.com>
Message-ID: <1160832741.013618.210820@m7g2000cwm.googlegroups.com>
Source record: 51175

Fellows,

I've been wondering for some time now why amateur operators don't build their Yagi antenna's
so they can be raised and lowered about 10ft in addition to being rotated.
It seems to me that raising and lowering the height of a Yagi affects the take-off angle by at least several degrees, meaning that the signal delivery (target area) would be moved by at least many hundreds of miles.
It would also affect the average wave incidence angle with the ionosphere, so one could tune (or peak) the signal significantly with a few feet of height adjustment. I am aware of stacked Yagi's being used by some contest stations, where variable phasing feed techniques between the upper and lower Yagi can (and does) affect take-off angle.
I'm just suprised at how little literature and practical use of this technique exists. It can't be all that difficult to build a Yagi that can be winched, or slid up and down the side of the tower by several feet.
Does anyone have a better theoretical understanding of the possible signal strength change from an ideal one-bounce propagation when a 20m Yagi is varied in height from .9 to 1.0 wavelength in height?
How would a 0.1 wavelenght height change compare to a 30 degree rotation angle change?
I know that some of the difficulty in quantifying the benefits of such a scheme is that the refractive layers of the atmosphere change in altitude regularly. So take-off/refraction/range calculations become cumbersome. But perhaps some fixed assumptions would allow some general statements about the typical gains vs. antenna heights for a fixed range.

Thanks for any input on this apparently unusual technique.

73,
CW-AI4MI

802. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-14 13:59:56 UTC
From: Wes Stewart <n7ws*@*yahoo.com>
Message-ID: <7vq1j2tbp95671786md5lmvai9ogigbcb8@4ax.com>
Source record: 51026

On 14 Oct 2006 06:32:21 -0700, "CW" <cpwendling@yahoo.com> wrote:

>Fellows,
>
>I've been wondering for some time now why amateur operators don't build
>their Yagi antenna's
>so they can be raised and lowered about 10ft in addition to being
>rotated.
[snip]

You make the all-too-common assumption that there is one "take off
angle" and apparently believe that no usable radiation occurs at any
other angle.

You wouldn't (I hope) believe that there is one azimuth angle and that
if your antenna isn't pointed *exactly* at the target you're SOL, so
why the concern about height?

803. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-14 14:07:12 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <ka6Yg.12717$GR.3481@newssvr29.news.prodigy.net>
Source record: 51027

CW wrote:
> I've been wondering for some time now why amateur operators don't build
> their Yagi antenna's
> so they can be raised and lowered about 10ft in addition to being
> rotated.

Many do, using motor driven towers. In addition to lowering
their arrays when a storm hits, some raise and lower their
towers during marginal conditions to maximize signal strength.
--
73, Cecil http://www.w5dxp.com

804. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-14 15:15:52 UTC
From: Dave <noone@nowhere.com>
Message-ID: <j-mdnd7AuKysYq3YnZ2dnUVZ_tudnZ2d@crocker.com>
Source record: 51028

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:ka6Yg.12717$GR.3481@newssvr29.news.prodigy.net...
> CW wrote:
>> I've been wondering for some time now why amateur operators don't build
>> their Yagi antenna's
>> so they can be raised and lowered about 10ft in addition to being
>> rotated.
>
> Many do, using motor driven towers. In addition to lowering
> their arrays when a storm hits, some raise and lower their
> towers during marginal conditions to maximize signal strength.
> --

its really only practical on crank up type towers, for those with guyed
towers its usually not possible.

10' change on 20m would likely not be very useful though. my hf stacks for
10/15/20 are all spaced 30' apart, 40m is spaced about 80'. even with those
height changes (which i can select instantly so i can make direct
comparisons without worrying about fading) there is often little difference
between antennas... though sometims there is a lot of difference. This
highlights the fact that often the signals arrive with a wide range of
angles, though at some times they must be in a relatively narrow range. so
having multiple antennas at different heights that can be selected in
various combinations is a handy thing to do.

805. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-14 15:20:07 UTC
From: CW <cpwendling@yahoo.com>
Message-ID: <1160839207.274389.154540@b28g2000cwb.googlegroups.com>
Source record: 51029

Wes,

Of course I didn't assume that there is one "take off angle", but I did realize that there is a theoretical optimum take-off angle, and that the field strength diminishes as one moves away from that angle in a generally smooth and continuous way. This is obvious on any antenna radiation pattern chart. The point I was getting at was that the field strength diminishes in both the horizontal AND vertical planes. The common antenna rotator allows directing the radiated field in the horizontal plane, thereby "peaking" the signal in that plane.
There seems to be very little attention paid to peaking the signal in the vertical plane, which can be readily accomplished by raising and lowering the antenna height. I was curious as to the discrepency. The mechanical complexities just don't seem to fully account for the disparity in usage of these thechniques. I would estimate that rotators are at least 2 orders of magnitude more common than variable antenna height mechanisms. Since I'm assuming that both vertical and horizontal components of feild strength are important in HF signal propogation, I was wondering why so relatively little attention is paid to peaking the vertical component. Is it because of mechanical complexity, lack of understanding, or something else?

73,
CW-AI4MI

Wes Stewart wrote:
> On 14 Oct 2006 06:32:21 -0700, "CW" <cpwendling@yahoo.com> wrote:
>
> >Fellows,
> >
> >I've been wondering for some time now why amateur operators don't build
> >their Yagi antenna's
> >so they can be raised and lowered about 10ft in addition to being
> >rotated.
> [snip]
>
> You make the all-too-common assumption that there is one "take off
> angle" and apparently believe that no usable radiation occurs at any
> other angle.
>
> You wouldn't (I hope) believe that there is one azimuth angle and that
> if your antenna isn't pointed *exactly* at the target you're SOL, so
> why the concern about height?

806. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-14 15:31:05 UTC
From: CW <cpwendling@yahoo.com>
Message-ID: <1160839865.819040.280420@h48g2000cwc.googlegroups.com>
Source record: 51030

Dave,

Thanks for the reply. Multiple switched Yagi's at various heights is a
practical approach, and I'm delighted to hear that "sometimes there is
a lot of difference". What you are describing is a coarse grained
approach to the problem, which is also commonly done in the horizontal
plane by switching vertical antenna arrays, etc.
A fellow ham in the area has a Yagi mounted about half way up his guyed
tower, on a swing arm. It can rotate, but is limited to about 300
degrees of rotation. A similar setup could be used on a side mounted
tower trolly, where the height could be continuously varied by 30 feet
or more, AND rotated through about 300 degrees.
73,
CW-AI4MI

> its really only practical on crank up type towers, for those with guyed
> towers its usually not possible.
>
> 10' change on 20m would likely not be very useful though. my hf stacks for
> 10/15/20 are all spaced 30' apart, 40m is spaced about 80'. even with those
> height changes (which i can select instantly so i can make direct
> comparisons without worrying about fading) there is often little difference
> between antennas... though sometims there is a lot of difference. This
> highlights the fact that often the signals arrive with a wide range of
> angles, though at some times they must be in a relatively narrow range. so
> having multiple antennas at different heights that can be selected in
> various combinations is a handy thing to do.

807. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-14 16:03:59 UTC
From: Sun Tzu <sun_tzu@war_It_aint_nothing_but_a_heartbreaker.net>
Message-ID: <4530fd6c$0$19675$88260bb3@free.teranews.com>
Source record: 51031

On Tue, 10 Oct 2006 10:44:43 -0500, Richard Harrison wrote:

> Slow Code wrote:
> "Not no more."
>
> Morse Code is yet another language, dead as Latin,

latin isnt dead fool!

> and known by fewer
> people than most modern languages. English, written or spoken, is
> understood by many more people than Morse.
>
> Dismount when your horse has been shot from under you.
>
> Best regards, Richard Harrison, KB5WZI

--
Posted via a free Usenet account from http://www.teranews.com

808. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-14 17:39:25 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <ov72j29t12cn153gq7i54hjav8bt2g3cb2@4ax.com>
Source record: 51032

ORIGINAL MESSAGE:

On 14 Oct 2006 06:32:21 -0700, "CW" <cpwendling@yahoo.com> wrote:

>I've been wondering for some time now why amateur operators don't build
>their Yagi antenna's
>so they can be raised and lowered about 10ft in addition to being
>rotated.

------------ REPLY FOLLOWS ------------

The answer is because it isn't really necessary in most cases. If you optimize your antenna for low-angle DX signals where you really need the gain, there will still be significant radiation at high angles, which are generally closer to you and will have stronger signals as a result anyway.

This might be significant enough for a QRP operator to want to do it, but at the 100 watt or higher level, you wouldn't gain much. Pun intended. :-)

Bill, W6WRT

809. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-14 18:07:48 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <ls82j2tcefn64gdnr1j8v3n6fp7a0mapa3@4ax.com>
Source record: 51033

On 14 Oct 2006 08:20:07 -0700, "CW" <cpwendling@yahoo.com> wrote:

>I was wondering why so relatively little attention is paid
>to peaking the vertical component. Is it because of mechanical
>complexity, lack of understanding, or something else?

Hi OM,

The single biggest factor is cost. You should be able to appreciate
the implication there.

The second (and related to cost) biggest factor would be wind load. A
taller tower is easier to push over.

Another factor would be the requirement for a very stout (cost again)
mast (more cost to lift more weight too); unless this is a telescoping
tower (costs more than a conventional one, doesn't it?).

About the cheapest consideration, the last one in this list, is what
you call "lack of understanding." The better question is:

What is the optimal angle for contact, not for launch?

Art recently came aboard here to seek validation for a secret design
that aimed "all" his power to England. When I did the modeling, that
optimal angle, depending upon
Frequency
Time of Day
Season
Sun spot cycle
varied from less than 6 degrees to as high as 12 degrees. FYI his
secret design is still secret.

Anyway, you can fulfill this last requirement (the cheapest) by using
two free software packages:
EZNEC for the launch characteristic of the NBS yagi vs. height;
VOAWIN (VOACAP VOAAREA) for propagation of that same antenna.

73's
Richard Clark, KB7QHC

810. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-14 19:39:00 UTC
From: Wes Stewart <n7ws*@*yahoo.com>
Message-ID: <i372j21q637kt8lqdb6jdf75cjv4flern4@4ax.com>
Source record: 51034

On 14 Oct 2006 08:20:07 -0700, "CW" <cpwendling@yahoo.com> wrote:

>Of course I didn't assume that there is one "take off angle", but I did
>realize that there is a theoretical optimum take-off angle, and that
>the field strength diminishes as one moves away from that angle in a
>generally smooth and continuous way. This is obvious on any antenna
>radiation pattern chart. The point I was getting at was that the field
>strength diminishes in both the horizontal AND vertical planes.

Uh huh. But I think there's an apples and oranges thing going on
here.

If you want to discuss antenna patterns v. height, that is one
discussion. If you want to discuss optimum propagation paths that is
another. "Theoretical optimum take-off angle" leaves me guessing but
I think you're referring to the former above and the latter below.

>The
>common antenna rotator allows directing the radiated field in the
>horizontal plane, thereby "peaking" the signal in that plane.
>There seems to be very little attention paid to peaking the signal in
>the vertical plane, which can be readily accomplished by raising and
>lowering the antenna height. I was curious as to the discrepency. The
>mechanical complexities just don't seem to fully account for the
>disparity in usage of these thechniques. I would estimate that
>rotators are at least 2 orders of magnitude more common than variable
>antenna height mechanisms. Since I'm assuming that both vertical and
>horizontal components of feild strength are important in HF signal
>propogation, I was wondering why so relatively little attention is paid
>to peaking the vertical component. Is it because of mechanical
>complexity, lack of understanding, or something else?

I personally know at least a couple of dozen serious hf DXers
(presumably the more interested in "optimizing" this sort of thing)
and know of a lot more and I don't know of one of them that tries to
peak a signal by "readily" cranking a tower up and down.

But let's say it's easy to have a free-standing, 100' high (the limit
in my county), motorized, positive pulldown, crank-up tower that we
are absolutely confident we can crank up and down while out of sight,
without worry of the coax getting jammed up or the winch cable wearing
out, etc.

Atop this tower we install a well-designed, 3-element, 20-meter Yagi.
The ground is unremarkably average.

Suppose that despite all of the propagation vagaries there is a DX station we want to work and the "optimum takeoff angle" to his location is 13 degrees.

Let's begin with our antenna at 50' above ground.

Using EZNEC, I modeled such an antenna (my design) and find that at 50' above ground, the gain (13 dBi) peaks at an elevation angle of 18 degrees; not "optimum" for this path, so we start cranking.

At 75' the gain (13.4 dBi) peaks at 13 degrees but we don't know that so we keep cranking until we reach 100'. At 100' the peak gain (13.6 dBi) occurs at 10 degrees; again not "optimum."

At the "optimum" 13 degrees, the penalty for having the antenna at 50' is 0.9 dB and for having it at 100' is 1.2 dB. Now the question has to be, can you tell the difference?

(The math is correct BTW. Elevation patterns are not symmetrical)

After all of these heroics, for all practical purposes, we can't tell the difference, but if we are wrong, we're better off at the *lower* height.

Maybe this is why nobody varies their antenna height to peak the signal.

811. Radials -- the same length or not???

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-14 21:18:07 UTC
From: Hank Zoeller <bogusaddress@dontbothernotvalid.com>
Message-ID: <453154e3$0$1717$c3e8da3@news.astraweb.com>
Source record: 51035

I'm constructing a vertical antenna and I'm about to start laying radials.

F/O will be 40 through 15 meters. The vertical element will be 26 feet in height. There will be a remote controlled antenna coupler mounted at the base. I'm using 18 AWG magnet wire for the radials. The radials will be short (no options here) but there will be a lot of them. I plan on about 18" of separation between the radial tips and I have more than enough radial wire to work with. The radials will be stapled directly to the outer surface of the planet.

I could cut the radials to be the same length, forming a circular pattern on the ground. Or, I could vary the lengths to take advantage of the available land, which would result in a square pattern on the ground. In either case, the antenna would be in the center of the radial field. And, in either case, opposing radials would be of the same length.

The square radial field would allow some of the radials to be longer which seems desireable. The circular radial field would be, well, circular..

The circular pattern radials would be about 25' long. The longest of the square pattern radials would be something like 35' long. (Assuming my high school geometry isn't as hazy as everything else from that long ago era...)

The radials are laying on the ground, and non-resonant, does it matter if they're all the same length? Is the symmetry important? If I go with a square pattern how careful must I be with the radial lengths? Is this a measurement to be made with the hairy eyeball or do I need to get out measuring tools?

I'm inclined to just cover the available ground with as much copper as I can and call it a day. This would result in a square-ish pattern on the ground with opposing radials being similar in length. Is this inclination fraught with peril?
--
73,
Hank

812. Re: Radials -- the same length or not???

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-14 21:18:11 UTC
From: Ed <Huckleberry_REMOVE_@bigvalley.net>
Message-ID: <Xns985C91EEBEAA6spectrumhogstarbandn@198.186.192.196>
Source record: 51036

>
> I'm inclined to just cover the available ground with as much copper as
> I can and call it a day. This would result in a square-ish pattern on
> the ground with opposing radials being similar in length. Is this
> inclination fraught with peril?

Your inclination is the correct way to go.

Ed K7AAT

813. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-14 21:22:18 UTC
From: Tony VE6MVP <tony@REMOVEve6mvp.com>
Message-ID: <i5l2j299d7988o9om0tdvc159omfm773ju@4ax.com>
Source record: 51037

On 14 Oct 2006 06:32:21 -0700, "CW" <cpwendling@yahoo.com> wrote:

>I've been wondering for some time now why amateur operators don't build
>their Yagi antenna's
>so they can be raised and lowered about 10ft in addition to being
>rotated.
>It seems to me that raising and lowering the height of a Yagi affects
>the take-off angle by at least several degrees, meaning that the signal
>delivery (target area) would be moved by at least many hundreds of
>miles.

Or hows about raising and lowering the angle of the Yagi? Tilting it
somewhat? Maybe a winch and cable to the end of the Yagi and some
kind of rotatable joint at the tower end. That would also be complex
and cost some.

Tony

814. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-14 23:01:41 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1160866901.027928.221130@i42g2000cwa.googlegroups.com>
Source record: 51038
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Slow Code wrote:
> If an amateur had to relay a through a country and the amateurs didn't
> know each other language they still could have passed it by CW and the
> message could have been delivered to someone that could read it. Not no
> more.

What can be passed by CW that cannot be passed by voice???

Adhere to the ICAO's phonetic alphabet, and there need be no
bi-lingualism nor a CW requirement.

> When things start failing communication wise worldwide, amateur radio
> might be all there is to relay messages, and the ITU just removed one of
> the legs of a three leg stool.

Dear Slow, air traffic controllers don't use Morris Code, and they
communicate with foreign speakers JUST FINE!

815. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 02:39:44 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <UbhYg.200$IZ2.171@newsfe11.lga>
Source record: 51039

It is more a question of practicality.
It is being done by those with crankup towers, if they want to optimize, say between DXing at low angles and domestic QSOs at higher angles. If you want to be flexible, get crankup tower and StepIR antenna.

What you suggesting is asking for mechanical complexity, guy wires, multiple antennas on the same tower in the way, etc.

Propagation is not clear cut X angle. It is more like drunken, wobbly signals varying in angles, polarization and direction. Antennas have quite a wide lobes to accommodate most of that. Serious DXers and contesters use stacks that give them instantaneous selection of major angles.

Tilting up antenna about 5 deg. helps somewhat, beyond that it doesn't. Vertical angle of beam is given by the height of the antenna.

So it the question of practicality vs. "precision" and complexity. Moving it 10 ft up or down doesn't really buy you anything.

73 Yuri, K3BU

"CW" <cpwendling@yahoo.com> wrote in message
news:1160839865.819040.280420@h48g2000cwc.googlegroups.com...
> Dave,
>
> Thanks for the reply. Multiple switched Yagi's at various heights is a
> practical approach, and I'm delighted to hear that "sometimes there is
> a lot of difference". What you are describing is a coarse grained
> approach to the problem, which is also commonly done in the horizontal
> plane by switching vertical antenna arrays, etc.
> A fellow ham in the area has a Yagi mounted about half way up his guyed
> tower, on a swing arm. It can rotate, but is limited to about 300
> degrees of rotation. A similar setup could be used on a side mounted
> tower trolly, where the height could be continuously varied by 30 feet
> or more, AND rotated through about 300 degrees.
> 73,
> CW-AI4MI
>
>
>
>> its really only practical on crank up type towers, for those with guyed
>> towers its usually not possible.
>>
>> 10' change on 20m would likely not be very useful though. my hf stacks
>> for
>> 10/15/20 are all spaced 30' apart, 40m is spaced about 80'. even with

>> those
>> height changes (which i can select instantly so i can make direct
>> comparisons without worrying about fading) there is often little
>> difference
>> between antennas... though sometims there is a lot of difference. This
>> highlights the fact that often the signals arrive with a wide range of
>> angles, though at some times they must be in a relatively narrow range.
>> so
>> having multiple antennas at different heights that can be selected in
>> various combinations is a handy thing to do.
>

816. Re: Radials -- the same length or not???

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 02:40:58 UTC
From: James Philopena <jphilopena@verizon.net>
Message-ID: <_chYg.404$AR6.22@trndny02>
Source record: 51040

"Hank Zoeller" <bogusaddress@dontbothernotvalid.com> wrote in message
news:453154e3$0$1717$c3e8da3@news.astraweb.com...
> I'm constructing a vertical antenna and I'm about to start laying radials.
>
> F/O will be 40 through 15 meters. The vertical element will be 26 feet in
> height. There will be a remote controlled antenna coupler mounted at the
> base. I'm using 18 AWG magnet wire for the radials. The radials will be
> short (no options here) but there will be a lot of them. I plan on about
> 18" of separation between the radial tips and I have more than enough
> radial wire to work with. The radials will be stapled directly to the
> outer surface of the planet.
>
> --
> 73,
> Hank

Hank,

My understanding of a radial system is it is basically a very conductive ground. Not so much a counterpoise - you try and make the earth the counterpoise. Nonetheless, the ground will detune your radials. So, no matter what length the radial, you have no way of predicting it's resonate frequency. That will be determined by soil composition and moisture level, etc. And it will vary from day to day.

I'm not sure, and some one else should chime in, but I am almost certain that your radials should not be insulated from the ground. Magnet wire is normally varnished and therefore insulated. Given your plan, chicken wire would be better, and the cash value of the copper would more than pay for it.

Jim

KB1NXE

817. Re: Why is copper better than steel for wire antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 02:42:58 UTC
From: Topaz305RK <k7sam@arrl.net>
Message-ID: <bumdnVxXvqmqPazYnZ2dnUVZ_oGdnZ2d@vnet-inc.com>
Source record: 51041

Electric fence wire is aluminum, comes on 1/4 mile, 1/2 mile and mile rolls, works great for ground radials but is to soft for antennas, IMHO.

Best wire I have found for antennas is what the local phone co-op calls "field wire". They lay it down during the winter when they can not trench in a new copper line. In the spring they roll it up and toss it away after they trench in the new line. This stuff is 7 strands of steel, covered with a UV protective outer plastic shell. Stuff will last for years, stretch and return to shape, and if you bundle enough together you can pull a car out of the ditch in a pinch. Have had it up for years as a 40 and 80 meter dipole. Hard as the dickens to work with, almost impossible to solder, but, it makes a dipole even northeast Montana winters can not break, something to be said for that.

Just my two cents worth.

Sam

818. Re: Radials -- the same length or not???

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 02:47:21 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <2jhYg.201$lZ2.131@newsfe11.lga>
Source record: 51042

Simple rule for (non resonant) radials in or on the ground:
1. Mo' - da better
2. Longer the better.
3. Better to use (insulated) wire on the surface than buried. Just stretch it out and let the grass grow over.
4. Water before contest or major DX hunting.
5. Forget the above and set it up on the salty beach.

73 Yuri, K3BU

"James Philopena" <jphilopena@verizon.net> wrote in message news:_chYg.404$AR6.22@trndny02...
>
> "Hank Zoeller" <bogusaddress@dontbothernotvalid.com> wrote in message
> news:453154e3$0$1717$c3e8da3@news.astraweb.com...
>> I'm constructing a vertical antenna and I'm about to start laying
>> radials.
>>
>> F/O will be 40 through 15 meters. The vertical element will be 26 feet
>> in height. There will be a remote controlled antenna coupler mounted at
>> the base. I'm using 18 AWG magnet wire for the radials. The radials
>> will be short (no options here) but there will be a lot of them. I plan
>> on about 18" of separation between the radial tips and I have more than
>> enough radial wire to work with. The radials will be stapled directly to
>> the outer surface of the planet.
>>
>> --
>> 73,
>> Hank
>
> Hank,
>
> My understanding of a radial system is it is basically a very conductive
> ground. Not so much a counterpoise - you try and make the earth the
> counterpoise. Nonetheless, the ground will detune your radials. So, no
> matter what length the radial, you have no way of predicting it's resonate
> frequency. That will be determined by soil composition and moisture
> level, etc. And it will vary from day to day.
>
> I'm not sure, and some one else should chime in, but I am almost certain
> that your radials should not be insulated from the ground. Magnet wire is
> normally varnished and therefore insulated. Given your plan, chicken wire
> would be better, and the cash value of the copper would more than pay for
> it.
>

> Jim
>
> KB1NXE
>

819. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 03:40:56 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1160883656.835934.215660@i3g2000cwc.googlegroups.com>
Source record: 51043
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

hot-ham-and-cheese@hotmail.com wrote:
> Slow Code wrote:
> > If an amateur had to relay a through a country and the amateurs didn't
> > know each other language they still could have passed it by CW and the
> > message could have been delivered to someone that could read it. Not no
> > more.
>
> What can be passed by CW that cannot be passed by voice???
any traffic to be passed by many OT station can only be passed by CW
since they rfuse to use that new fangled device the microphone even to
save lives
>
> Adhere to the ICAO's phonetic alphabet, and there need be no
> bi-lingualism nor a CW requirement.
>
> > When things start failing communication wise worldwide, amateur radio
> > might be all there is to relay messages, and the ITU just removed one of
> > the legs of a three leg stool.
>
> Dear Slow, air traffic controllers don't use Morris Code, and they
> communicate with foreign speakers JUST FINE!

but SC can't speak to anybody on air and he neds code testing to allow
him more person to berate

820. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 03:55:02 UTC
From: jawod <jawod@fuse.net>
Message-ID: <4531B116.3020107@fuse.net>
Source record: 51044

>
> > latin isnt dead fool!

Of course Latin is dead!

821. Re: dipole length vs db

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 05:47:03 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1160891223.833662.236280@e3g2000cwe.googlegroups.com>
Source record: 51045

"note that 20dB of feedline loss on 40m probably does not
degrade the receive signal to noise ratio because even when external
noise is decreased by 20dB, it still swamps the receivers internal
noise, and signal to noise ratio is dominated by the (external) signal
and external noise (both attenuated). "

Yeah. This is the counter-argument to "if you can hear 'em you can
work 'em"

Mismatched line loss needs to be covered on the entry level tests.
Heck, I think they should give it two questions. It's a major issue in
setting up your first station because all the tuners have two or three
SO-239 jacks and one "random wire/balanced line" output. Same with the
radio, tuner inside, coax connection outside. Who knows better than
the engineers that built the stuff, you know?

Well, I don't know if I've converted anyone yet but I often point
people to this page:

http://www.n3ox.net/projects/servo

It's the electromechanical equivalent of having long arms, and it's
ALMOST cheap.. I hope to inspire a few folks who've dropped a bunch of
money on a nice tuner before they discovered the tuner-at-the-feedpoint
advantage, though there are a couple of snags to work out before it's a
tuner add-on that anyone can build. I need to figure out something
better than 10 turn pots because they're hard to get and kind of
pricey, and MFJ, who seems to sell all of the budget tuners, has
stopped selling switched-inductor high power tuners. You can still get
them in the "300W" class, but no more of the "1500W" ones.

I'm not even using the remote tuner at the moment. I've rolled my own
fixed L networks for matching my 20m delta loop on 20 and 17 and my 40
foot vertical on 80,60,40, and 30. The remote tuner served me well for
the apartment doublet but I like the faster bandswitching with the
switched networks. I thought about making fixed, switched networks for
the wire I had up at the apartment, but it was 30 gauge wire and broke
too often, and I couldn't really control the exact length of wire I was
putting up every time, so the tuner really was a better solution. I do
a lot of band hopping while I'm on the air (DXing, mostly) so retuning
all the time was something I wanted to avoid in the new installation.

Dan

822. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 05:59:10 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1160891950.819263.67860@f16g2000cwb.googlegroups.com>
Source record: 51046

That actually changes it a lot less than raising and lowering
significantly. HF yagis a wavelength or two above ground don't have
laser-like beams. The elevation pattern is set up substantially by
ground reflection, not only the antenna's free-space elevation pattern.

Check out

http://n3ox.net/pictures/20m_yagi_el.jpg

for an illustration of what happens when you tilt a 5 element 20m yagi
up toward the sky. I don't remember how high it is; I think it's about
1 wavelength high. The traces are for 0, 20, 40 and 60 degrees
inclination.

73,
Dan

823. Re: Sexual fascism and the Mark Foley scandal

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 11:10:23 UTC
From: bobandcarole <bobandcarole1010@hotmail.com>
Message-ID: <1160910623.728354.167900@i42g2000cwa.googlegroups.com>
Source record: 51047
Cross-posted to: rec.arts.tv.soaps.cbs,rec.radio.amateur.antenna,rec.arts.tv.soaps.abc

> Apparently, Rep. Mark Foley is homosexual. And like many homosexual
> men, he likes young teen boys. We should pray for him that he gets a
> handle on this problem and refrains from harming any more kids.
>
> Meanwhile, we need to wake up. The fact that this is typical behavior
> for homosexuals doesn't stop us from continuing to elevate such folks
> to positions where they gain access to our kids.
>
> http://worldnetdaily.com/news/article.asp?ARTICLE_ID=52244

824. Re: Radials -- the same length or not???

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 12:20:19 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <oe94j2tcm8n4a3vi4l7s5ul4avn0k9hb21@4ax.com>
Source record: 51048

On Sat, 14 Oct 2006 15:18:07 -0600, Hank Zoeller
<bogusaddress@dontbothernotvalid.com> wrote:

>I'm constructing a vertical antenna and I'm about to start laying radials.
>
>F/O will be 40 through 15 meters. The vertical element will be 26 feet
>in height. There will be a remote controlled antenna coupler mounted at
>the base. I'm using 18 AWG magnet wire for the radials. The radials
>will be short (no options here) but there will be a lot of them. I plan
>on about 18" of separation between the radial tips and I have more than
>enough radial wire to work with. The radials will be stapled directly
>to the outer surface of the planet.
>
>I could cut the radials to be the same length, forming a circular
>pattern on the ground. Or, I could vary the lengths to take advantage
>of the available land, which would result in a square pattern on the
>ground. In either case, the antenna would be in the center of the
>radial field. And, in either case, opposing radials would be of the
>same length.
>
>The square radial field would allow some of the radials to be longer
>which seems desireable. The circular radial field would be, well,
>circular..
>
>The circular pattern radials would be about 25' long. The longest of
>the square pattern radials would be something like 35' long. (Assuming
>my high school geometry isn't as hazy as everything else from that long
>ago era...)
>
>The radials are laying on the ground, and non-resonant, does it matter
>if they're all the same length? Is the symmetry important? If I go
>with a square pattern how careful must I be with the radial lengths? Is
>this a measurement to be made with the hairy eyeball or do I need to get
>out measuring tools?
>
>I'm inclined to just cover the available ground with as much copper as I
>can and call it a day. This would result in a square-ish pattern on the
>ground with opposing radials being similar in length. Is this
>inclination fraught with peril?

Your project has a lot in common with my ongoing 40-160 meter vertical
project. I am curious about what remote tuner you are planning.

John Ferrell W8CCW

825. Re: Sexual fascism and the Mark Foley scandal

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 15:11:25 UTC
From: Leanna <lmka57@sbcglobal.net>
Message-ID: <xcsYg.14189$vJ2.7185@newssvr12.news.prodigy.com>
Source record: 51049
Cross-posted to: alt.politics.homosexuality,alt.education,rec.arts.tv.soaps.cbs,rec.radio.amateur.antenna,rec.arts.tv.soaps.abc

"bobandcarole" <bobandcarole1010@hotmail.com> wrote in message
news:1160910623.728354.167900@i42g2000cwa.googlegroups.com...
>
>> Apparently, Rep. Mark Foley is homosexual. And like many homosexual
>> men, he likes young teen boys. We should pray for him that he gets a
>> handle on this problem and refrains from harming any more kids.
>>
>> Meanwhile, we need to wake up. The fact that this is typical behavior
>> for homosexuals doesn't stop us from continuing to elevate such folks
>> to positions where they gain access to our kids.
>>
>> http://worldnetdaily.com/news/article.asp?ARTICLE_ID=52244
>

So, once again, I give in to temptation. I feed a troll. I admit, this is a particularly hideous troll, what with all that black hatred oozing out of every orifice, but I cannot resist.

My dear troll, gay people are, on the whole, honest, above-board, decent people, who'd never even, in their wildest nightmares, molest kids. Yes, there are exceptions, but they are in PRECISELY the same proportions as the similar exceptions in the straight community.

There are the same percentage of pedophiles in both groups!!!!!

The assumption that gays are pedophiles reveals both your rank bigotry and your pathetic ignorance.

You are beneath contempt. Go flush your head.

Leanna

826. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 15:56:49 UTC
From: "Alun L. Palmer" <elektros@yahoo.com>
Message-ID: <Xns985D797CB4368elektrosmdonet@217.22.228.20>
Source record: 51050
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Slow Code <my.mail@no.spam> wrote in news:6tgXg.8071$Y24.103
@newsread4.news.pas.earthlink.net:

> "Iitoi" <iitoi@earthlink.net> wrote in
> news:ScaXg.7929$Y24.6296@newsread4.news.pas.earthlink.net:
>
>> 80M and 40M phone band expansion
>>
>> http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-149A1.doc
>
>
> I don't know if we'll get Mad right away but it's clear the FCC and the
> ARRL want to drive all good hams out of the service. Little by little
> they'll take away the non-phone portions of the bands and hand it over to
> the phone users. Like a frog in a pot of water that's raised to boiling
> point, one day us real hams will find we have to place to communicate on
> the ham bands that doesn't sound like Citizens Band.
>
> SC
>

Here's a reality check.

On 80m the rest of the world, except Canada, has always had phone down to 3600 as far back as I can remember, and we are merely joining them. The VE phone ops still have to stay above 3700, I think.

On 40m the international bandplans have phone down to 7040 except in Region 3 where it is 7030. The only countries that I know of where you can't use phone down to 7040 are Mexico (7050) and the USA (now 7125 after the change).

US hams outside Region 2 have had phone down to 7075 for years, and I am on record as suggesting that we should have that in the mainland US. It's hard to see why not when you actually look at what the rest of the world is doing.

At the same time countries in Region 1 aren't supposed to get access to 7100-7200 until the middle of 2007. Many of them already have, but for those that haven't, a phone subband that goes down to 7125 still doesn't even reach the top edge of their whole band. Doubtless some of them will be late in implementing the extra spectrum, so forced split working will drag on a while longer. How would you like it if your 40m CW allocation were on frequencies that were off limits to the DX?

On 20m and 15m we still have 50 kHz less phone on each band than all other countries. Although General and Advanced got bigger phone subbands on 15 (as well as 80 and 40), the bottom edge of phone didn't move on 15 (or 20).

73 de Alun, N3KIP

(20wpm Extra, 100% phone op)

827. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 16:26:05 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1160929565.912073.94820@h48g2000cwc.googlegroups.com>
Source record: 51051

Cecil
That makes a lot of sense after all if one has the antenna primed for low angles then propagation will render it useless as time goes by for those particular angles. If by tipping or feeding another element in an array you can move or thicken the main lobe you can increase the gain of a signal by more than 2 S units then it is certainly worthwhile.To view the subject purely around the maximum gain angle of the main lobe is fallacious as it is the signal that falls just outside the main lobe contour that may be the most desirable and subject to the largest possible gain with the smallest change of TOA. This is because the main lobe thickens out to cover the deep crevice of non coverage of an array tuned for a low TOA.and allows you to emulate the performance of a stacked array with the use of the lower beam alone. 2S unit increase of a signal that can be barely heard is much more advantageous than increasing the gain of a signal that is blowing away all other nearby signals, it certainly allows for more communication data to be transferred where initially very little could be heard.
If a good contact is underway it is certainly desirable to maintain that contact even tho propagation is changing and that is what the original poster is seeking
Art

Cecil Moore wrote:
> CW wrote:
> > I've been wondering for some time now why amateur operators don't build
> > their Yagi antenna's
> > so they can be raised and lowered about 10ft in addition to being
> > rotated.
>
> Many do, using motor driven towers. In addition to lowering
> their arrays when a storm hits, some raise and lower their
> towers during marginal conditions to maximize signal strength.
> --
> 73, Cecil http://www.w5dxp.com

828. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 16:40:57 UTC
From: Phil Wheeler <wt6uh-ng7@yahoo.com>
Message-ID: <twtYg.2574$zy2.818@tornado.socal.rr.com>
Source record: 51052
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Slow Code wrote:
> "Iitoi" <iitoi@earthlink.net> wrote in
> news:ScaXg.7929$Y24.6296@newsread4.news.pas.earthlink.net:
>
>> 80M and 40M phone band expansion
>>
>> http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-149A1.doc
>
>
> I don't know if we'll get Mad right away but it's clear the FCC and the
> ARRL want to drive all good hams out of the service. Little by little
> they'll take away the non-phone portions of the bands and hand it over to
> the phone users.

Nonsense. The CW bands are not exactly
overcrowded (or have you been listening there).

73, Phil w7ox

829. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 16:45:57 UTC
From: K&#65533;HB <groupk0hb@earthlink.net>
Message-ID: <9BtYg.9807$Y24.7086@newsread4.news.pas.earthlink.net>
Source record: 51053
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Alun L. Palmer" <elektros@yahoo.com> wrote

>
> 73 de Alun, N3KIP
>
> (20wpm Extra, 100% phone op)
>

Alun,

With all due respect, your signature line kind of reveals your agenda. We aren't talking about Extra's who don't use CW/rtty/data. The folks we're talking about here are Generals, the most populous HF license class in the US. On 75m they have just had their CW/rtty/data spectrum reduced by 2/3rds. That's outrageous!

73, de Hans, K0HB

830. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 16:46:12 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <k5p4j2p1mvi8m6cn66pqur9nk43vsfm9ps@4ax.com>
Source record: 51054

ORIGINAL MESSAGE:

On 15 Oct 2006 09:26:05 -0700, "art" <aunwin@insightbb.com> wrote:

>If by tipping or feeding another element in an
>array you can move or thicken the main lobe you can increase the gain
>of a signal by more than 2 S units then it is certainly worthwhile.

---------- REPLY FOLLOWS ----------

Not necessarily worthwhile. Remember, if your antenna is optimized for low-angle weak DX signals, the high-angle signals are going to be much closer in and therefore much stronger to begin with. If you lose a few dB on a S-9 signal, it won't matter.

If this was really a good idea, everybody would already be doing it. As I mentioned before, it might be desirable for someone running QRP or micropower, but not for most of us at the 100 watt or greater level. Spend your money on other things.

Bill, W6WRT

831. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 16:48:13 UTC
From: Mark@kb9rqz.net
Message-ID: <rhp4j2dr3don550pu2irvsv5ev9ralgb9v@4ax.com>
Source record: 51055
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 15 Oct 2006 16:40:57 GMT, Phil Wheeler <wt6uh-ng7@yahoo.com>
wrote:

>Slow Code wrote:
>> "Iitoi" <iitoi@earthlink.net> wrote in
>> news:ScaXg.7929$Y24.6296@newsread4.news.pas.earthlink.net:
>>
>>> 80M and 40M phone band expansion
>>>
>>> http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-149A1.doc
>>
>>
>> I don't know if we'll get Mad right away but it's clear the FCC and the
>> ARRL want to drive all good hams out of the service. Little by little
>> they'll take away the non-phone portions of the bands and hand it over to
>> the phone users.
>
>Nonsense. The CW bands are not exactly
>overcrowded (or have you been listening there).
nosense is the substance of most of Slowcodes posts
>
>73, Phil w7ox
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

832. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 16:53:19 UTC
From: Mark@kb9rqz.net
Message-ID: <hqp4j2tvqqf51rpv45kun2r4eh8sjr4b4u@4ax.com>
Source record: 51056
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 15 Oct 2006 16:45:57 GMT, "Kï¿½HB" <groupk0hb@earthlink.net>
wrote:

>
>"Alun L. Palmer" <elektros@yahoo.com> wrote
>
>>
>> 73 de Alun, N3KIP
>>
>> (20wpm Extra, 100% phone op)
>>
>
>Alun,
>
>With all due respect, your signature line kind of reveals your agenda. We
>aren't talking about Extra's who don't use CW/rtty/data. The folks we're
>talking about here are Generals, the most populous HF license class in the US.
>On 75m they have just had their CW/rtty/data spectrum reduced by 2/3rds. That's
>outrageous!

funny I thought they could still CW everywhere in band

frankly I favoring ending the regulated subbadns alltogether
>
>73, de Hans, K0HB
>
>
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

833. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 17:12:33 UTC
From: K&#65533;HB <groupk0hb@earthlink.net>
Message-ID: <5_tYg.9815$Y24.6820@newsread4.news.pas.earthlink.net>
Source record: 51057
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

<Mark@kb9rqz.net> wrote

>
> funny I thought they could still CW everywhere in band
>

That' may be true in theory, but not in practice. You can't use CW on frequencies which your license class prohibits. Generals just lost 150kHz of prime CW/rtty/data spectrum from 3.6 to 3.75MHz, the other parts of the band their license class doesn't allow. So much for "CW everywhere in band".

73, de Hans, K0HB

834. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 17:25:52 UTC
From: Mark@kb9rqz.net
Message-ID: <hmr4j2duu4d26gvmde37hftq22tdlo74lp@4ax.com>
Source record: 51058
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 15 Oct 2006 17:12:33 GMT, "Kï¿½HB" <groupk0hb@earthlink.net>
wrote:

>
><Mark@kb9rqz.net> wrote
>
>>
>> funny I thought they could still CW everywhere in band
>>
>
>That' may be true in theory, but not in practice.
how so?
> You can't use CW on
>frequencies which your license class prohibits.
obviously
> Generals just lost 150kHz of
>prime CW/rtty/data spectrum from 3.6 to 3.75MHz, the other parts of the band
>their license class doesn't allow. So much for "CW everywhere in band".

sorry they may well have lost spectrum wher they can data i have n't
looked at the details but the rules concerning CW use have not changed
>
>73, de Hans, K0HB
>
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

835. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 17:31:20 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <IfuYg.13117$GR.10791@newssvr29.news.prodigy.net>
Source record: 51059
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Kï¿½HB wrote:
> On 75m they have just had their CW/rtty/data spectrum reduced by 2/3rds.

Hans, has CW been barred from parts of 75m? I haven't
read the R&O.
--
73, Cecil http://www.w5dxp.com

836. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 17:32:16 UTC
From: K&#65533;HB <groupk0hb@earthlink.net>
Message-ID: <AguYg.14169$UG4.13735@newsread2.news.pas.earthlink.net>
Source record: 51060
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

<Mark@kb9rqz.net> wrote

>
> sorry they may well have lost spectrum wher they can data i have n't
> looked at the details but the rules concerning CW use have not changed
>

No, the rules concerning CW use have not changed. Those rules have never allowed a General to transmit CW (or anything else) in frequencies reserved for Extra and Advanced. In the case we're discussing the 150kHz from 3600 to 3750 have now been reserved for Extra and Advanced, and are now off limits to General who previously could transmit CW/rtty/data in that segment.

73, de Hans, K0HB

837. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 17:36:23 UTC
From: K&#65533;HB <groupk0hb@earthlink.net>
Message-ID: <rkuYg.14172$UG4.10890@newsread2.news.pas.earthlink.net>
Source record: 51061
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

"Cecil Moore" <mycall@hotmail.com> wrote

>
> Hans, has CW been barred from parts of 75m? I haven't
> read the R&O.
> --
> 73, Cecil http://www.w5dxp.com
>

No, but Generals will be evicted from 3600-3750 if the R&O stands as written.

73, de Hans, K0HB

838. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 17:36:31 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1160933791.224029.100270@f16g2000cwb.googlegroups.com>
Source record: 51062
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

KØHB wrote:
> <Mark@kb9rqz.net> wrote
>
> >
> > sorry they may well have lost spectrum wher they can data i have n't
> > looked at the details but the rules concerning CW use have not changed
> > >
>
> No, the rules concerning CW use have not changed. Those rules have never
> allowed a General to transmit CW (or anything else) in frequencies reserved for
> Extra and Advanced. In the case we're discussing the 150kHz from 3600 to 3750
> have now been reserved for Extra and Advanced, and are now off limits to General
> who previously could transmit CW/rtty/data in that segment.
hmm they lost acutals hz did they? is that what you are tlaking around
or did things just get shuffed around same number hz justchanging the
mode avalable

in the later I say where the beef if they lose acutaul hz for any use
(total number for all modes then I have to wonder
>
> 73, de Hans, K0HB

839. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 18:01:44 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <cluYg.11004$TV3.3668@newssvr21.news.prodigy.com>
Source record: 51063
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

Kï¿½HB wrote:
> "Cecil Moore" <mycall@hotmail.com> wrote
>> Hans, has CW been barred from parts of 75m? I haven't
>> read the R&O.

> No, but Generals will be evicted from 3600-3750 if the R&O stands as written.

I thought there was an unwritten law that no new
rule would cause any loss of privileges. Are you
sure the FCC actually did that?
--
73, Cecil http://www.w5dxp.com

840. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 18:29:38 UTC
From: K&#65533;HB <groupk0hb@earthlink.net>
Message-ID: <m6vYg.11642$o71.8305@newsread3.news.pas.earthlink.net>
Source record: 51064
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

"Cecil Moore" <mycall@hotmail.com> wrote

>
> I thought there was an unwritten law that no new
> rule would cause any loss of privileges. Are you
> sure the FCC actually did that?
>

If it wasn't the FCC it was someone who very much looks like them. Full R&O is at http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-149A1.doc or you can get a short version at http://www.arrl.org

73, de Hans, K0HB

841. Radio Pirates Forum

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 18:34:31 UTC
From: DJboutit <Recordking@Hotmail.com>
Message-ID: <XavYg.105471$5o5.95134@tornado.texas.rr.com>
Source record: 51065

http://www.radiopirates.co.nr/ come chat with with station ops & just listeners many sections to keep you busy

842. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 18:40:23 UTC
From: Dee Flint <deeflint01@comcast.net>
Message-ID: <bsydndK3J747Ha_YnZ2dnUVZ_vadnZ2d@comcast.com>
Source record: 51066
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Alun L. Palmer" <elektros@yahoo.com> wrote in message
news:Xns985D797CB4368elektrosmdonet@217.22.228.20...
> Slow Code <my.mail@no.spam> wrote in news:6tgXg.8071$Y24.103
> @newsread4.news.pas.earthlink.net:
>
>> "Iitoi" <iitoi@earthlink.net> wrote in
>> news:ScaXg.7929$Y24.6296@newsread4.news.pas.earthlink.net:
>>
>>> 80M and 40M phone band expansion
>>>
>>> http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-149A1.doc
>>
>>
>> I don't know if we'll get Mad right away but it's clear the FCC and the
>> ARRL want to drive all good hams out of the service. Little by little
>> they'll take away the non-phone portions of the bands and hand it over to
>> the phone users. Like a frog in a pot of water that's raised to boiling
>> point, one day us real hams will find we have to place to communicate on
>> the ham bands that doesn't sound like Citizens Band.
>>
>> SC
>>
>
> Here's a reality check.
>
> On 80m the rest of the world, except Canada, has always had phone down to
> 3600 as far back as I can remember, and we are merely joining them. The VE
> phone ops still have to stay above 3700, I think.
>
> On 40m the international bandplans have phone down to 7040 except in
> Region
> 3 where it is 7030. The only countries that I know of where you can't use
> phone down to 7040 are Mexico (7050) and the USA (now 7125 after the
> change).
>
> US hams outside Region 2 have had phone down to 7075 for years, and I am
> on
> record as suggesting that we should have that in the mainland US. It's
> hard
> to see why not when you actually look at what the rest of the world is
> doing.
>
> At the same time countries in Region 1 aren't supposed to get access to

> 7100-7200 until the middle of 2007. Many of them already have, but for
> those that haven't, a phone subband that goes down to 7125 still doesn't
> even reach the top edge of their whole band. Doubtless some of them will
> be
> late in implementing the extra spectrum, so forced split working will drag
> on a while longer. How would you like it if your 40m CW allocation were on
> frequencies that were off limits to the DX?
>
> On 20m and 15m we still have 50 kHz less phone on each band than all other
> countries. Although General and Advanced got bigger phone subbands on 15
> (as well as 80 and 40), the bottom edge of phone didn't move on 15 (or
> 20).
>
> 73 de Alun, N3KIP
>
> (20wpm Extra, 100% phone op)

Keep in mind that the US has more hams than the entire rest of the world combined if you don't include Japan in that count. So there is the potential for problems if our voice allocations go too low. Our regulations need to take that into account. As far as 40m goes, it will be a better solution if they can move the broadcasters out and make it a worldwide ham allocation up to 7.300. If the rest of the world could go to 7.3, that would open up a tremendous amount of space for other countries.

Dee, N8UZE

843. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 19:09:54 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12j51s2d276t393@corp.supernews.com>
Source record: 51067
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

```
Kï¿½HB wrote:
> <Mark@kb9rqz.net> wrote
>
>
>>funny I thought they could still CW everywhere in band
>>
>
>
> That' may be true in theory, but not in practice. You can't use CW on
> frequencies which your license class prohibits. Generals just lost 150kHz of
> prime CW/rtty/data spectrum from 3.6 to 3.75MHz, the other parts of the band
> their license class doesn't allow. So much for "CW everywhere in band".
>
> 73, de Hans, K0HB
>
>
>
The comment is that you can use CW anywhere within the allowable
frequencies for you class of license.

Dave WD9BDZ
```

844. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 19:13:53 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <RLvYg.7$T_1.6@newssvr14.news.prodigy.com>
Source record: 51068
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

```
Kï¿½HB wrote:
> Full R&O is
> at http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-149A1.doc or you can
> get a short version at http://www.arrl.org

I personally would like to see all amateur frequencies
open to CW operation by any and all classes of licenses.
Want an incentive? There it is.
--
73, Cecil http://www.w5dxp.com
```

845. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 19:34:53 UTC
From: Wes Stewart <n7ws*@*yahoo.com>
Message-ID: <6735j2t7foc1grhqp8nuqek7pomhvt3722@4ax.com>
Source record: 51069
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

On Sun, 15 Oct 2006 18:01:44 GMT, Cecil Moore <mycall@hotmail.com>
wrote:

>Kï¿½HB wrote:
>> "Cecil Moore" <mycall@hotmail.com> wrote
>>> Hans, has CW been barred from parts of 75m? I haven't
>>> read the R&O.
>
>> No, but Generals will be evicted from 3600-3750 if the R&O stands as written.
>
>I thought there was an unwritten law that no new
>rule would cause any loss of privileges. Are you
>sure the FCC actually did that?

Can you say, "Eleven meters" or "Incentive Licensing?"

846. finco stinger

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 20:01:07 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <7swYg.29920$fy.3284@tornado.southeast.rr.com>
Source record: 51070

Anyone ever heard of a finco stinger A2+2 yagi 2M beam?

If so where can I find a manual on it?

Thanks
Joe
KI4ILB

847. Re: finco stinger

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 20:04:23 UTC
From: Helmut Wabnig <hXXXwabnig@aXXXon.at>
Message-ID: <1055j2t155g16o3a7ag0srv18d35gicbdt@4ax.com>
Source record: 51071

On Sun, 15 Oct 2006 20:01:07 GMT, "Merlin-7 KI4ILB"
<merlin-7@sc.rr.com> wrote:

>Anyone ever heard of a finco stinger A2+2 yagi 2M beam?
>
I first read: stinco finger .....sorry :-)

w.

848. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 20:10:34 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1160943034.609910.256920@m73g2000cwd.googlegroups.com>
Source record: 51072

Bill Turner wrote:
> ORIGINAL MESSAGE:
>
> On 15 Oct 2006 09:26:05 -0700, "art" <aunwin@insightbb.com> wrote:
>
>
> >If by tipping or feeding another element in an
> >array you can move or thicken the main lobe you can increase the gain
> >of a signal by more than 2 S units then it is certainly worthwhile.
>
> ------------ REPLY FOLLOWS ------------
>
> Not necessarily worthwhile. Remember, if your antenna is optimized for
> low-angle weak DX signals, the high-angle signals are going to be much
> closer in and therefore much stronger to begin with. If you lose a few
> dB on a S-9 signal, it won't matter.
>
If a incoming signal aligns with the null between lobes then the
receiving station is deaf to your signal. Moving the lobe slightly
upwards can add a few db as you call it and allow for communication. If
you yell at a closed door you do not increase communication, whisper
under the door and you can then be heard, Its all relative. As far as
those that follow lemmings do it all the time.
Art

849. Re: finco stinger

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 20:13:33 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12j55je6uutv8a3@corp.supernews.com>
Source record: 51073

Merlin-7 KI4ILB wrote:
> Anyone ever heard of a finco stinger A2+2 yagi 2M beam?
>
> If so where can I find a manual on it?
>
> Thanks
> Joe
> KI4ILB
>
>
If you do a Google search you will find entries for a Finco Stinger CB antenna but not a 2M beam.

Dave WD9BDZ

850. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 20:23:56 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1160943836.750388.307010@m73g2000cwd.googlegroups.com>
Source record: 51074

David, are you saying that your three-some stack is made out of tri
banders of the same design such that a lobe null can be filled? I
believe that is exactly the coverage the poster is looking for, he
wants to be around to hear when the tree falls
Art

Dave wrote:
> "Cecil Moore" <mycall@hotmail.com> wrote in message
> news:ka6Yg.12717$GR.3481@newssvr29.news.prodigy.net...
> > CW wrote:
> >> I've been wondering for some time now why amateur operators don't build
> >> their Yagi antenna's
> >> so they can be raised and lowered about 10ft in addition to being
> >> rotated.
> >
> > Many do, using motor driven towers. In addition to lowering
> > their arrays when a storm hits, some raise and lower their
> > towers during marginal conditions to maximize signal strength.
> > --
>
> its really only practical on crank up type towers, for those with guyed
> towers its usually not possible.
>
> 10' change on 20m would likely not be very useful though. my hf stacks for
> 10/15/20 are all spaced 30' apart, 40m is spaced about 80'. even with those
> height changes (which i can select instantly so i can make direct
> comparisons without worrying about fading) there is often little difference
> between antennas... though sometims there is a lot of difference. This
> highlights the fact that often the signals arrive with a wide range of
> angles, though at some times they must be in a relatively narrow range. so
> having multiple antennas at different heights that can be selected in
> various combinations is a handy thing to do.

851. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 20:31:19 UTC
From: "LenAnderson@ieee.org" <LenAnderson@ieee.org>
Message-ID: <1160944279.420411.18720@i42g2000cwa.googlegroups.com>
Source record: 51075
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

From: hot-ham-and-che...@hotmail.com on Sat, Oct 14 2006 4:01 pm

>Slow Code wrote:
>> If an amateur had to relay a through a country and the amateurs didn't
>> know each other language they still could have passed it by CW and the
>> message could have been delivered to someone that could read it. Not no
>> more.
>
>What can be passed by CW that cannot be passed by voice???
>
>Adhere to the ICAO's phonetic alphabet, and there need be no
>bi-lingualism nor a CW requirement.

Since 1955 for international civil aviation. It's taken
from the NATO approved phonetic alphabet which came out
earlier the same year. I remember it well since I had to
learn the "new" phonetic alphabet in a hurry while in the
Army then. :-)

>> When things start failing communication wise worldwide, amateur radio
>> might be all there is to relay messages, and the ITU just removed one of
>> the legs of a three leg stool.
>
>Dear Slow, air traffic controllers don't use Morris Code, and they
>communicate with foreign speakers JUST FINE!

Ever since 1955 the worldwide common language for civil
aviation communications on airways has been English
spoken as well as (now) data. That includes pilots as
well as controllers, even in and over their native
country; a non-English speaking country MAY use their
native language but the civil airways can have many
nations' aircraft in it.

Blowcode is just another troll who has his head up his
ass in regards to radio communications. That head just
hasn't been aware of what happened in radio for a half
century.

The ITU didn't "just remove" anything. The ITU-R made
the code test for an amateur license with below-30-MHz
privileges OPTIONAL to each administration. In 2003.
THREE years ago, not "just now." :-)

852. Re: New FCC Rules

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 20:40:04 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1160944804.591356.27710@f16g2000cwb.googlegroups.com>
Source record: 51076
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

It is very usefull to all the good hams in prison when they are only
allowed a tin cup to rattle
in leau of a good conversation. They usually discard the tin cup when
released into the real world, except when begging!
Art

Slow Code wrote:
> "Dr.Ace" <Ace@WH2T.com> wrote in
> news:42ea1$452e7990$4fc6760$7984@DIALUPUSA.NET:
>
> > http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-149A1.doc
> >
> > The R&O released yesterday covers a plethora of stuff. Here are some
> > notes on things.
> >
> >
> > Novice bands eliminated. Novices/Tech+ have same CW Freqs as General on
> > 80, 40, 15M. 80 and 40M.
> >
> > Phone bands expanded, down to 3600 on 75M, down to 7125 on 40M.
> >
> > Extra class phone segment on 75 expanded to 100kc (3600-3700), Advanced
> > class similarly gets 100kc (3700-3800), General will start at 3800.
> >
> > This isn't in effect yet !!! But will be soon.
> >
> > Ace - WH2T
>
>
> It's clear the FCC and the ARRL want to drive out all good hams from the
> service. Little by little they'll take away the non-phone portions of the
> bands and hand it over to the appliance operators. Like a frog in a pot of
> water that is raised to boiling point, one day us real hams will find we
> have no place to communicate on the ham bands that doesn't sound like CB.
> Apparently, I'm the only one seeing it coming. A ham who will stand for
> nothing will sit for anything.
>
> SC

853. Re: New FCC Rules

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 21:17:55 UTC
From: Ron <wa0kds@yahoo.com>
Message-ID: <4532A74F.10805@yahoo.com>
Source record: 51077
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

This needed to be down years ago. Good to see the ARRL and the FCC are listening to the active Amateurs and doing what the majority want.

Interesting to know that Phone operators are appliance operators and CW operators are not. I guess the CW operators are all using Homebrew equipment and if not then I hope at least that every one of them that own a Yaesu FT-1000MP / D have done the CW modification and did it them selves without senting it to a repair place ?

854. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 21:50:09 UTC
From: kelly@dvol.com
Message-ID: <1160949009.882798.262830@m7g2000cwm.googlegroups.com>
Source record: 51078
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Alun L. Palmer wrote:
> Slow Code <my.mail@no.spam> wrote in news:6tgXg.8071$Y24.103
> @newsread4.news.pas.earthlink.net:
>
> > "Iitoi" <iitoi@earthlink.net> wrote in
> > news:ScaXg.7929$Y24.6296@newsread4.news.pas.earthlink.net:
> >
> >> 80M and 40M phone band expansion
> >>
> >> http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-149A1.doc
> >
> >
> > I don't know if we'll get Mad right away but it's clear the FCC and the
> > ARRL want to drive all good hams out of the service. Little by little
> > they'll take away the non-phone portions of the bands and hand it over to
> > the phone users. Like a frog in a pot of water that's raised to boiling
> > point, one day us real hams will find we have to place to communicate on
> > the ham bands that doesn't sound like Citizens Band.
> >
> > SC
> >
>
> Here's a reality check.
>
> On 80m the rest of the world, except Canada, has always had phone down to
> 3600 as far back as I can remember, and we are merely joining them. The VE
> phone ops still have to stay above 3700, I think.
>
> On 40m the international bandplans have phone down to 7040 except in Region
> 3 where it is 7030. The only countries that I know of where you can't use
> phone down to 7040 are Mexico (7050) and the USA (now 7125 after the
> change).
>
> US hams outside Region 2 have had phone down to 7075 for years, and I am on
> record as suggesting that we should have that in the mainland US. It's hard
> to see why not when you actually look at what the rest of the world is
> doing.
>
> At the same time countries in Region 1 aren't supposed to get access to
> 7100-7200 until the middle of 2007. Many of them already have, but for
> those that haven't, a phone subband that goes down to 7125 still doesn't
> even reach the top edge of their whole band. Doubtless some of them will be
> late in implementing the extra spectrum, so forced split working will drag

> on a while longer.

Alun you've been dumping this old whine into the groups for years now
and it's long since worn out. Not that it needs to be explained to you
again but the FCC is *protecting* the dx from the hordes of Yanks who
would obliterate the dx if we were allowed to run SSB below 7100.

Dee also explaned it in her immediately preceeding post, read it, give
us a break and internalize it this time then go find something new to
grouse about for the next five years. Maybe by then your chums in the
UK will be able to transceive with you above 7125.

> How would you like it if your 40m CW allocation were on
> frequencies that were off limits to the DX?

The difference is all about one SSB signal taking up the same amout of
spectrum space as 5-10 CW signals.

> On 20m and 15m we still have 50 kHz less phone on each band than all other
> countries. Although General and Advanced got bigger phone subbands on 15
> (as well as 80 and 40), the bottom edge of phone didn't move on 15 (or 20).
>
> 73 de Alun, N3KIP
>
> (20wpm Extra, 100% phone op)

There's your real problem.

w3rv

855. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 21:52:35 UTC
From: Dave <noone@nowhere.com>
Message-ID: <CKydnXqqZ_EyMK_YnZ2dnUVZ_qKdnZ2d@crocker.com>
Source record: 51079

my stacks are all monobanders.
on 40m its 4-ele's at 180' & 100'
on 20m i have 4-ele's at 150/120/90/60'
on 15m and 10m its 4-ele's at 120/90/60/30'
on 20m, 15m, and 10m there is another 4 ele fixed south.
also on 20m, 15m, and 10m, the middle 2 are fixed at europe and selected
together, and the bottom ones are on ring rotors and separately rotatable
from the top one.

so on 20m, 15m, and 10m, i can select the top along, the middle two at
europe together, the bottom one alone, or the south one alone. And then i
can also select the top, middle, and bottom all together, and the top,
south, and bottom all together to spread the signal out when the bands are
open in more than one direction.

"art" <aunwin@insightbb.com> wrote in message
news:1160943836.750388.307010@m73g2000cwd.googlegroups.com...
> David, are you saying that your three-some stack is made out of tri
> banders of the same design such that a lobe null can be filled? I
> believe that is exactly the coverage the poster is looking for, he
> wants to be around to hear when the tree falls
> Art
>
> Dave wrote:
>> "Cecil Moore" <mycall@hotmail.com> wrote in message
>> news:ka6Yg.12717$GR.3481@newssvr29.news.prodigy.net...
>> > CW wrote:
>> >> I've been wondering for some time now why amateur operators don't
>> >> build
>> >> their Yagi antenna's
>> >> so they can be raised and lowered about 10ft in addition to being
>> >> rotated.
>> >
>> > Many do, using motor driven towers. In addition to lowering
>> > their arrays when a storm hits, some raise and lower their
>> > towers during marginal conditions to maximize signal strength.
>> > --
>>
>> its really only practical on crank up type towers, for those with guyed
>> towers its usually not possible.
>>
>> 10' change on 20m would likely not be very useful though. my hf stacks
>> for
>> 10/15/20 are all spaced 30' apart, 40m is spaced about 80'. even with
>> those

>> height changes (which i can select instantly so i can make direct
>> comparisons without worrying about fading) there is often little
>> difference
>> between antennas... though sometims there is a lot of difference. This
>> highlights the fact that often the signals arrive with a wide range of
>> angles, though at some times they must be in a relatively narrow range.
>> so
>> having multiple antennas at different heights that can be selected in
>> various combinations is a handy thing to do.
>

856. Re: finco stinger

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 22:03:39 UTC
From: John Siegel <JohnASiegel@worldnet.att.net>
Message-ID: <4532B03C.9070009@worldnet.att.net>
Source record: 51080

David G. Nagel wrote:
> Merlin-7 KI4ILB wrote:
>
>> Anyone ever heard of a finco stinger A2+2 yagi 2M beam?
>>
>> If so where can I find a manual on it?
>>
>> Thanks
>> Joe
>> KI4ILB
>>
>>
> If you do a Google search you will find entries for a Finco Stinger CB
> antenna but not a 2M beam.
>
> Dave WD9BDZ
I still have and use a Finco 6 and 2 meter beam. I haven't seen an ad
from them in a ham magazine in many years. I don't know what they may
have made for just 2M.
73, John

857. Re: finco stinger

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 22:14:25 UTC
From: Jim - NN7K <NN7K@NOWAY.NET>
Message-ID: <5pyYg.16100$6S3.8541@newssvr25.news.prodigy.net>
Source record: 51081

Finco, if memory serves was a manufacturer of
antennas, back in the dark ages, around 50 years
ago, and , NOT the sharpest tools in the shed!
They work, BUT forget gain claims, and directivity
claims. For local work, they be ok, BUT for DX,
FORGET IT! (unless you are extremely luck to catch
a band opening on 2 meters) Remember articles on
how to improve Fincos, on 2 (and 6 meters), but
those would even be suspect in this day of
antenna modeling programs!-- Jim NN7K

David G. Nagel wrote:
> Merlin-7 KI4ILB wrote:
>> Anyone ever heard of a finco stinger A2+2 yagi 2M beam?
>>
>> If so where can I find a manual on it?
>>
>> Thanks
>> Joe
>> KI4ILB
>>
>>
> If you do a Google search you will find entries for a Finco Stinger CB
> antenna but not a 2M beam.
>
> Dave WD9BDZ

858. 2 meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 22:19:25 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <NtyYg.7763$gL.6899@southeast.rr.com>
Source record: 51082

Who sells them with the most bang for the buck?

859. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 23:13:42 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1160954022.111371.111510@h48g2000cwc.googlegroups.com>
Source record: 51083
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

kelly@dvol.com wrote:
> Alun L. Palmer wrote:
> > Slow Code <my.mail@no.spam> wrote in news:6tgXg.8071$Y24.103
> > @newsread4.news.pas.earthlink.net:
> >
> > > "Iitoi" <iitoi@earthlink.net> wrote in
> > > news:ScaXg.7929$Y24.6296@newsread4.news.pas.earthlink.net:
> > >
> > >> 80M and 40M phone band expansion
> > >>
> > >> http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-149A1.doc
> > >
> > >
> > > I don't know if we'll get Mad right away but it's clear the FCC and the
> > > ARRL want to drive all good hams out of the service. Little by little
> > > they'll take away the non-phone portions of the bands and hand it over to
> > > the phone users. Like a frog in a pot of water that's raised to boiling
> > > point, one day us real hams will find we have to place to communicate on
> > > the ham bands that doesn't sound like Citizens Band.
> > >
> > > SC
> > >
> >
> > Here's a reality check.
> >
> > On 80m the rest of the world, except Canada, has always had phone down to
> > 3600 as far back as I can remember, and we are merely joining them. The VE
> > phone ops still have to stay above 3700, I think.
> >
> > On 40m the international bandplans have phone down to 7040 except in Region
> > 3 where it is 7030. The only countries that I know of where you can't use
> > phone down to 7040 are Mexico (7050) and the USA (now 7125 after the
> > change).
> >
> > US hams outside Region 2 have had phone down to 7075 for years, and I am on
> > record as suggesting that we should have that in the mainland US. It's hard
> > to see why not when you actually look at what the rest of the world is
> > doing.
> >
> > At the same time countries in Region 1 aren't supposed to get access to
> > 7100-7200 until the middle of 2007. Many of them already have, but for
> > those that haven't, a phone subband that goes down to 7125 still doesn't
> > even reach the top edge of their whole band. Doubtless some of them will be

> > late in implementing the extra spectrum, so forced split working will drag
> > on a while longer.
>
> Alun you've been dumping this old whine into the groups for years now
> and it's long since worn out. Not that it needs to be explained to you
> *again* but the FCC is *protecting* the dx from the hordes of Yanks who
> would obliterate the dx if we were allowed to run SSB below 7100.
>
the FCC does not care about protecting DX forgien or domestic the ARRL
may well have when they sugested this sort of arngementmany years (part
of incentive licening I supose)

860. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 23:17:14 UTC
From: Walter Maxwell <walt@w2du.com>
Message-ID: <q7g5j2950bbtv1b3dkl9mvkleacornhqn2@4ax.com>
Source record: 51084

On Sun, 15 Oct 2006 18:01:44 GMT, Cecil Moore <mycall@hotmail.com> wrote:

>Kï¿½HB wrote:
>> "Cecil Moore" <mycall@hotmail.com> wrote
>>> Hans, has CW been barred from parts of 75m? I haven't
>>> read the R&O.
>
>> No, but Generals will be evicted from 3600-3750 if the R&O stands as written.
>
>I thought there was an unwritten law that no new
>rule would cause any loss of privileges. Are you
>sure the FCC actually did that?

Hi Cecil,

The FCC R&O does NOT indicate any change in CW frequencies--it only gives more spectrum to phone operation. Hans needs to take Reading 101.

Walt, W2DU

861. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 23:19:47 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1160954387.029486.216820@m7g2000cwm.googlegroups.com>
Source record: 51085
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

an_old_friend wrote:
> hot-ham-and-cheese@hotmail.com wrote:
> > Slow Code wrote:
> > > If an amateur had to relay a through a country and the amateurs didn't
> > > know each other language they still could have passed it by CW and the
> > > message could have been delivered to someone that could read it. Not no
> > > more.
> >
> > What can be passed by CW that cannot be passed by voice???
> any traffic to be passed by many OT station can only be passed by CW
> since they rfuse to use that new fangled device the microphone even to
> save lives
> >
> > Adhere to the ICAO's phonetic alphabet, and there need be no
> > bi-lingualism nor a CW requirement.
> >
> > > When things start failing communication wise worldwide, amateur radio
> > > might be all there is to relay messages, and the ITU just removed one of
> > > the legs of a three leg stool.
> >
> > Dear Slow, air traffic controllers don't use Morris Code, and they
> > communicate with foreign speakers JUST FINE!
>
> but SC can't speak to anybody on air and he neds code testing to allow
> him more person to berate

He's just another grumpy old ham.

862. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 23:24:35 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1160954675.072329.231890@m7g2000cwm.googlegroups.com>
Source record: 51086
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

LenAnderson@ieee.org wrote:
> From: hot-ham-and-che...@hotmail.com on Sat, Oct 14 2006 4:01 pm
>
>
> >Slow Code wrote:
> >> If an amateur had to relay a through a country and the amateurs didn't
> >> know each other language they still could have passed it by CW and the
> >> message could have been delivered to someone that could read it. Not no
> >> more.
> >>
> >What can be passed by CW that cannot be passed by voice???
> >>
> >Adhere to the ICAO's phonetic alphabet, and there need be no
> >bi-lingualism nor a CW requirement.
>
> Since 1955 for international civil aviation. It's taken
> from the NATO approved phonetic alphabet which came out
> earlier the same year. I remember it well since I had to
> learn the "new" phonetic alphabet in a hurry while in the
> Army then. :-)

It took me about 20 minutes during a mid-shift to learn it.

> >> When things start failing communication wise worldwide, amateur radio
> >> might be all there is to relay messages, and the ITU just removed one of
> >> the legs of a three leg stool.
> >>
> >Dear Slow, air traffic controllers don't use Morris Code, and they
> >communicate with foreign speakers JUST FINE!
>
> Ever since 1955 the worldwide common language for civil
> aviation communications on airways has been English
> spoken as well as (now) data. That includes pilots as
> well as controllers, even in and over their native
> country; a non-English speaking country MAY use their
> native language but the civil airways can have many
> nations' aircraft in it.
>
> Blowcode is just another troll who has his head up his
> ass in regards to radio communications. That head just
> hasn't been aware of what happened in radio for a half
> century.

With his head up his own ass, he wouldn't need to eat his own excrement
off of another man's genitals. Maybe Robesin can give us hit ake on
that.

> The ITU didn't "just remove" anything. The ITU-R made
> the code test for an amateur license with below-30-MHz
> privileges OPTIONAL to each administration. In 2003.
> THREE years ago, not "just now." :-)

Slow is, well, slow.

863. Re: finco stinger

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 23:24:45 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12j5gptorl2s327@corp.supernews.com>
Source record: 51087

John Siegel wrote:
>
>
> David G. Nagel wrote:
>
>> Merlin-7 KI4ILB wrote:
>>
>>> Anyone ever heard of a finco stinger A2+2 yagi 2M beam?
>>>
>>> If so where can I find a manual on it?
>>>
>>> Thanks
>>> Joe
>>> KI4ILB
>>>
>>>
>> If you do a Google search you will find entries for a Finco Stinger CB
>> antenna but not a 2M beam.
>>
>> Dave WD9BDZ
>
> I still have and use a Finco 6 and 2 meter beam. I haven't seen an ad
> from them in a ham magazine in many years. I don't know what they may
> have made for just 2M.
> 73, John
>
>
I just did another google on "Finco Stinger" by it's self.
I received the following:

KG6QPB -- Finco Stinger A-62 6M/2M Beam [New Window]
The Finney Company (Finco) produced a 6M/2M beam antenna called the
Stinger A-62. The antenna is up at my QTH and it works, but I won't
claim that it's the ...
http://www.kg6qpb.com/finco/finco-stinger-a-62.html [Preview This Site]

I hope this is helpfull..

Dave WD9BDZ

864. Re: 2 meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 23:28:09 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <k4ednVIdZ9WWWa_YnZ2dnUVZ_o6dnZ2d@bright.net>
Source record: 51088

Depends what you want. Are you going to use a small Yagi for FM work or
a long boom Yagi for SSB/CW? If you want something fairly simple, a
homemade 6 or 8 element Yagi is fairly simple. Otherwise, for some
serious weak signal work, the K1FO designs are quite commonly used.
Directive Systems sell them... http://www.directivesystems.com/antenna4.htm

Hope that helps!

Scott
N0EDV

Merlin-7 KI4ILB wrote:

> Who sells them with the most bang for the buck?
>
>

865. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 23:29:39 UTC
From: Mark@kb9rqz.net
Message-ID: <20h5j2lmcf3u683aks1r4mvm157ckqbno7@4ax.com>
Source record: 51089
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

```
On 15 Oct 2006 16:24:35 -0700, hot-ham-and-cheese@hotmail.com wrote:

>
>LenAnderson@ieee.org wrote:
>> From: hot-ham-and-che...@hotmail.com on Sat, Oct 14 2006 4:01 pm
>>
>>
>> >Slow Code wrote:
>> >> If an amateur had to relay a through a country and the amateurs didn't
>> >> know each other language they still could have passed it by CW and the
>> >> message could have been delivered to someone that could read it. Not no
>> >> more.
>> >>
>> >What can be passed by CW that cannot be passed by voice???
>> >>
>> >Adhere to the ICAO's phonetic alphabet, and there need be no
>> >bi-lingualism nor a CW requirement.
>>
>> Since 1955 for international civil aviation. It's taken
>> from the NATO approved phonetic alphabet which came out
>> earlier the same year. I remember it well since I had to
>> learn the "new" phonetic alphabet in a hurry while in the
>> Army then. :-)
>
>It took me about 20 minutes during a mid-shift to learn it.
not it took that long or maybe a bit longer but nothing like the time
I have wasted on Morse
>
>> >> When things start failing communication wise worldwide, amateur radio
>> >> might be all there is to relay messages, and the ITU just removed one of
>> >> the legs of a three leg stool.
>> >>
>> >Dear Slow, air traffic controllers don't use Morris Code, and they
>> >communicate with foreign speakers JUST FINE!
>>
>> Ever since 1955 the worldwide common language for civil
>> aviation communications on airways has been English
>> spoken as well as (now) data. That includes pilots as
>> well as controllers, even in and over their native
>> country; a non-English speaking country MAY use their
>> native language but the civil airways can have many
>> nations' aircraft in it.
>>
```

>> Blowcode is just another troll who has his head up his
>> ass in regards to radio communications. That head just
>> hasn't been aware of what happened in radio for a half
>> century.
>
>With his head up his own ass, he wouldn't need to eat his own excrement
>off of another man's genitals. Maybe Robesin can give us hit ake on
>that.

well BB it must a tight fit so I suspect he wait to he puls out for
air
>
>> The ITU didn't "just remove" anything. The ITU-R made
>> the code test for an amateur license with below-30-MHz
>> privileges OPTIONAL to each administration. In 2003.
>> THREE years ago, not "just now." :-)
>
>Slow is, well, slow.
realy slwo but according to one of post another of Sock puppets "hey
Stupid" so he is more honest the Robeson (which is truly damning with
faint praise
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

866. Re: 2 meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 23:40:43 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <%FzYg.30953$fy.13125@tornado.southeast.rr.com>
Source record: 51090

What design plans would you use?

Thanks
joe

"Scott" <acepilot@bloomer.net> wrote in message
news:k4ednVIdZ9WWWa_YnZ2dnUVZ_o6dnZ2d@bright.net...
> Depends what you want. Are you going to use a small Yagi for FM work or
> a long boom Yagi for SSB/CW? If you want something fairly simple, a
> homemade 6 or 8 element Yagi is fairly simple. Otherwise, for some
> serious weak signal work, the K1FO designs are quite commonly used.
> Directive Systems sell them...
http://www.directivesystems.com/antenna4.htm
>
> Hope that helps!
>
> Scott
> N0EDV
>

867. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-15 23:49:30 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <eOzYg.15111$e66.8024@newssvr13.news.prodigy.com>
Source record: 51091

Walter Maxwell wrote:
> The FCC R&O does NOT indicate any change in CW frequencies--it only gives more
> spectrum to phone operation. Hans needs to take Reading 101.

Hi Walt, I believe Hans objection is that if 3600-3750 is
awarded exclusively to Extras then Generals will not be able
to operate CW there anymore even though CW is still allowed.
--
73, Cecil http://www.w5dxp.com

868. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 00:02:26 UTC
From: Tony VE6MVP <tony@REMOVEve6mvp.com>
Message-ID: <r1j5j21dtfh47s9kio4lg3d3sl2f2097n8@4ax.com>
Source record: 51092

On 14 Oct 2006 22:59:10 -0700, "n3ox.dan@gmail.com"
<n3ox.dan@gmail.com> wrote:

>That actually changes it a lot less than raising and lowering
>significantly. HF yagis a wavelength or two above ground don't have
>laser-like beams. The elevation pattern is set up substantially by
>ground reflection, not only the antenna's free-space elevation pattern.

Gotcha. That makes sense.

Thanks, Tony

869. Re: 2 meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 00:29:47 UTC
From: w9gb <spam_protect@arrl.net>
Message-ID: <f_udnXG5e8DjT6_YnZ2dnUVZ_rKdnZ2d@comcast.com>
Source record: 51093

"Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in message
news:%FzYg.30953$fy.13125@tornado.southeast.rr.com...
> What design plans would you use?
>
> Thanks
> joe
>

Are you an Internet only type of person?

The original design was perfected by Steve Powlishen, K1FO, who spent hundreds of hours optimizing yagi designs on a high powered Hewlett Packard computer.
He started with some computer optimized designs of Tom Kirby, W1EJ, (SK) who was using computer software developed at Ohio State University. W1EJ had came up with many excellent VHF long yagi designs.

The finished K1FO designs were carefully checked out in the real world by K1FO to ensure accuracy of the design effort. His efforts have produced an exceptional design with maximum gain very close to the maximum amount possible, while keeping side lobes, (particularly those of the H-plane) at a very low level. The net result is broad bandwidth, wide beamwidth, and clean lobe structure.
Clean H-plane patterns translate to efficient stacking with maximum possible gain and manageable array side lobes.

The design has been published in MANY printings of the ARRL Handbook.

gb

870. Re: 2 meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 01:05:52 UTC
From: Ralph Mowery <rmowery28146@earthlink.net>
Message-ID: <QVAYg.14322$UG4.6490@newsread2.news.pas.earthlink.net>
Source record: 51094

"Scott" <acepilot@bloomer.net> wrote in message
news:k4ednVIdZ9WWWa_YnZ2dnUVZ_o6dnZ2d@bright.net...
> Depends what you want. Are you going to use a small Yagi for FM work or a
> long boom Yagi for SSB/CW? If you want something fairly simple, a
> homemade 6 or 8 element Yagi is fairly simple. Otherwise, for some
> serious weak signal work, the K1FO designs are quite commonly used.
> Directive Systems sell them...
> http://www.directivesystems.com/antenna4.htm
>
> Hope that helps!
>
> Scott
> N0EDV

Now you tell me. I just ordered 2 beams from M-Square, one for 432 and one for 144. Wish I had the K1FO antennas as I had one for 432 and it worked very well. I did not know anyone had picked up the K1FO design after he became a SK.

871. Re: Sexual fascism and the Mark Foley scandal

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 01:47:36 UTC
From: jawod <jawod@fuse.net>
Message-ID: <4532E4B8.60506@fuse.net>
Source record: 51095
Cross-posted to: alt.politics.homosexuality,alt.education,rec.arts.tv.soaps.cbs,rec.radio.amateur.antenna,rec.arts.tv.soaps.abc

Leanna wrote:
> "bobandcarole" <bobandcarole1010@hotmail.com> wrote in message
> news:1160910623.728354.167900@i42g2000cwa.googlegroups.com...
>
>>>Apparently, Rep. Mark Foley is homosexual. And like many homosexual
>>>men, he likes young teen boys. We should pray for him that he gets a
>>>handle on this problem and refrains from harming any more kids.
>>>
>>>Meanwhile, we need to wake up. The fact that this is typical behavior
>>>for homosexuals doesn't stop us from continuing to elevate such folks
>>>to positions where they gain access to our kids.
>>>
>>>http://worldnetdaily.com/news/article.asp?ARTICLE_ID=52244
>>
>
> So, once again, I give in to temptation. I feed a troll. I admit, this is a
> particularly hideous troll, what with all that black hatred oozing out of every
> orifice, but I cannot resist.
>
> My dear troll, gay people are, on the whole, honest, above-board, decent people,
> who'd never even, in their wildest nightmares, molest kids. Yes, there are
> exceptions, but they are in PRECISELY the same proportions as the similar
> exceptions in the straight community.
>
> There are the same percentage of pedophiles in both groups!!!!!
>
> The assumption that gays are pedophiles reveals both your rank bigotry and your
> pathetic ignorance.
>
> You are beneath contempt. Go flush your head.
>
> Leanna
>
>
Leanna,
I don't want to feed the troll either. I agree with you completely
EXCEPT...I remember reading that heterosexual pedophiles outnumber gays
significantly. I'm not gay, I just don't like bigoted trolls.

john

872. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 02:07:56 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1160964476.284875.205130@b28g2000cwb.googlegroups.com>
Source record: 51096

Now now Tony, be carefull in what you say and how you say it

If you placed several dipoles above each other in an array, say nine of
them within a height change of half a wave length, in line and each of
the dipoles/elements were resonant at the same frequency you are then
infering ......,at least I think you are,..... that the lowest
dipole/element will have the highest TOA, the next element in height
will have a lower TOA and progressively until one energises the top
element to get the lowest TOA of them all..... If that is what
you are saying..... then you could not be more wrong.
I am sure that those who are really knoweledgable in the field will
agree with me.
Ofcourse somebody lacking true knoweledge will produce a fake series of
radiation patterns for each element in the array but that is par for
the course on this newsgroup.
But then again often interpretations can be varied and thus in error if
so I apologise.
Best Regards
Art

Tony VE6MVP wrote:
> On 14 Oct 2006 22:59:10 -0700, "n3ox.dan@gmail.com"
> <n3ox.dan@gmail.com> wrote:
>
> >That actually changes it a lot less than raising and lowering
> >significantly. HF yagis a wavelength or two above ground don't have
> >laser-like beams. The elevation pattern is set up substantially by
> >ground reflection, not only the antenna's free-space elevation pattern.
>
> Gotcha. That makes sense.
>
> Thanks, Tony

873. Re: Radials -- the same length or not???

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 03:17:47 UTC
From: Hank Zoeller <bogusaddress@dontbothernotvalid.com>
Message-ID: <4532fab7$0$1805$c3e8da3@news.astraweb.com>
Source record: 51097

Yuri Blanarovich wrote:
> Simple rule for (non resonant) radials in or on the ground:
> 1. Mo' - da better
> 2. Longer the better.
> 3. Better to use (insulated) wire on the surface than buried. Just stretch
> it out and let the grass grow over.
> 4. Water before contest or major DX hunting.
> 5. Forget the above and set it up on the salty beach.

All good advice. Well, except for #5. Can't afford beachfront property!
--
73,
HZ

874. Re: Radials -- the same length or not???

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 03:17:50 UTC
From: Hank Zoeller <bogusaddress@dontbothernotvalid.com>
Message-ID: <4532fab9$0$1805$c3e8da3@news.astraweb.com>
Source record: 51098

John Ferrell wrote:
> Your project has a lot in common with my ongoing 40-160 meter vertical
> project. I am curious about what remote tuner you are planning.

Hi John,

The coupler is a Harris RF-601.

I suspect the Harris would match this antenna on 80 and maybe even 160
but I have no illusions about getting much radiation out of it on those
bands. My intention is to use in from 40 through 15 meters.

How tall is your antenna going to be? I'd enjoy having an 80 foot
vertical for 160 through 40 but that's just not going to happen. I'm
looking for low visual impact here..
--
73,
HZ

875. Re: Radials -- the same length or not???

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 03:17:51 UTC
From: Hank Zoeller <bogusaddress@dontbothernotvalid.com>
Message-ID: <4532fabb$0$1805$c3e8da3@news.astraweb.com>
Source record: 51099

James Philopena wrote:
> I'm not sure, and some one else should chime in, but I am almost certain
> that your radials should not be insulated from the ground. Magnet wire is
> normally varnished and therefore insulated. Given your plan, chicken wire
> would be better, and the cash value of the copper would more than pay for
> it.

Hi Jim,

I'm pretty convinced that magnet wire on the surface is the way to go.
The RF won't have to go through lossy dirt on it's way to the radials
and they'll last for a long time. Chicken wire would rust up pretty fast..

Besides, the magnet wire was nearly free!
--
73,
HZ

876. Re: Radials -- the same length or not???

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 03:17:52 UTC
From: Hank Zoeller <bogusaddress@dontbothernotvalid.com>
Message-ID: <4532fabc$0$1805$c3e8da3@news.astraweb.com>
Source record: 51100

Ed wrote:
> Your inclination is the correct way to go.

Excellent -- with no dissenting votes cast I have started laying copper.

Thanks for your confirmation.
--
73,
HZ

877. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 03:32:43 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <w3DYg.5744$gM1.5721@fed1read12>
Source record: 51101

"CW" <cpwendling@yahoo.com> wrote in message
news:1160832741.013618.210820@m7g2000cwm.googlegroups.com...
> Fellows,
>
> I've been wondering for some time now why amateur operators don't build
> their Yagi antenna's
> so they can be raised and lowered about 10ft in addition to being
> rotated.
> It seems to me that raising and lowering the height of a Yagi affects
> the take-off angle by at least several degrees, meaning that the signal
> delivery (target area) would be moved by at least many hundreds of
> miles.

I don't know if this helps, but advice for TV DX says that you get
progressively improved performance until the yagi's
height-above-average-terrain (HAAT) is equal to about ten wavelengths.
(Above that HAAT, the signal strength varies up and down with further
increases in the elevation)

I never tested the idea, but if correct and it also holds for HF, there
won't ever be anybody _lowering_ a HF yagi. We would want the most height.
At the 2006 Field Day, one team had multi-band beam at 85 feet and everybody
loved it.

Before anybody tells me there is a difference between a yagi and a beam, let
me thank you in advance. I cannot formulate a sensible distinction
between them and I welcome the knowledge. I presume the terms are related
but not interchangeable.

73

878. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 03:44:48 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1160970288.636651.13230@i3g2000cwc.googlegroups.com>
Source record: 51102

David that is quite an array of antennas. Two questions come to mind.
Why the separation of a half versus 0.6 of a wave length?
and 2 do you ground the top antenna when it is not in use or let it
float?
I have heard that the top array can remove static noise to advantage
and I was wondering how that would compare to an elevated mast that
would provide a cone of protection and thus allow use of the top array
regardless of conditions.
Regards
Art

art wrote:
> David, are you saying that your three-some stack is made out of tri
> banders of the same design such that a lobe null can be filled? I
> believe that is exactly the coverage the poster is looking for, he
> wants to be around to hear when the tree falls
> Art
>
> Dave wrote:
> > "Cecil Moore" <mycall@hotmail.com> wrote in message
> > news:ka6Yg.12717$GR.3481@newssvr29.news.prodigy.net...
> > > CW wrote:
> > >> I've been wondering for some time now why amateur operators don't build
> > >> their Yagi antenna's
> > >> so they can be raised and lowered about 10ft in addition to being
> > >> rotated.
> > >
> > > Many do, using motor driven towers. In addition to lowering
> > > their arrays when a storm hits, some raise and lower their
> > > towers during marginal conditions to maximize signal strength.
> > > --
> >
> > its really only practical on crank up type towers, for those with guyed
> > towers its usually not possible.
> >
> > 10' change on 20m would likely not be very useful though. my hf stacks for
> > 10/15/20 are all spaced 30' apart, 40m is spaced about 80'. even with those
> > height changes (which i can select instantly so i can make direct
> > comparisons without worrying about fading) there is often little difference
> > between antennas... though sometims there is a lot of difference. This
> > highlights the fact that often the signals arrive with a wide range of
> > angles, though at some times they must be in a relatively narrow range. so
> > having multiple antennas at different heights that can be selected in
> > various combinations is a handy thing to do.

879. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 04:14:55 UTC
From: kelly@dvol.com
Message-ID: <1160972095.022644.322220@k70g2000cwa.googlegroups.com>
Source record: 51103
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

an_old_friend wrote:
> kelly@dvol.com wrote:

> the FCC does not care about protecting DX forgien or domestic

. . . domestic DX . . ?

> the ARRL
> may well have when they sugested this sort of arngementmany years (part
> of incentive licening I supose)

Doesn't matter where the concept came from originally, it's been in
place for decades.

w3rv

880. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 04:35:43 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1160973343.423723.157530@e3g2000cwe.googlegroups.com>
Source record: 51104

Yes there is a difference, A yagi is a planar beam ie on a single plane
so the height of the array is the same for all elements in the array
which creates a major lobe or beam.
If the array is not planar such as a Quad then the elements are at
different heights
so the true or effective height of a quad antenna which is also a beam
style antenna is approximately the center point of the array or
somewhere between the top and bottom of the quad element.
The point to stand by is that the height of the feed point is
immaterial with respect to the effective height of an array. In another
post I pointed out that no matter which element is fed in a array the
effective height of the array is always the same and thus the TOA is
always the same
Regards
Art

Sal M. Onella wrote:
> "CW" <cpwendling@yahoo.com> wrote in message
> news:1160832741.013618.210820@m7g2000cwm.googlegroups.com...
> > Fellows,
> >
> > I've been wondering for some time now why amateur operators don't build
> > their Yagi antenna's
> > so they can be raised and lowered about 10ft in addition to being
> > rotated.
> > It seems to me that raising and lowering the height of a Yagi affects
> > the take-off angle by at least several degrees, meaning that the signal
> > delivery (target area) would be moved by at least many hundreds of
> > miles.
>
> I don't know if this helps, but advice for TV DX says that you get
> progressively improved performance until the yagi's
> height-above-average-terrain (HAAT) is equal to about ten wavelengths.
> (Above that HAAT, the signal strength varies up and down with further
> increases in the elevation)
>
> I never tested the idea, but if correct and it also holds for HF, there
> won't ever be anybody _lowering_ a HF yagi. We would want the most height.
> At the 2006 Field Day, one team had multi-band beam at 85 feet and everybody
> loved it.
>
> Before anybody tells me there is a difference between a yagi and a beam, let
> me thank you in advance. I cannot formulate a sensible distinction
> between them and I welcome the knowledge. I presume the terms are related

> but not interchangeable.
>
> 73

881. Re: 2 meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 07:21:52 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <SMnfddEQMzMFFANf@ifwtech.co.uk>
Source record: 51106

Ralph Mowery wrote:
>
>"Scott" <acepilot@bloomer.net> wrote in message
>news:k4ednVIdZ9WWWa_YnZ2dnUVZ_o6dnZ2d@bright.net...
>> Depends what you want. Are you going to use a small Yagi for FM work or a
>> long boom Yagi for SSB/CW? If you want something fairly simple, a
>> homemade 6 or 8 element Yagi is fairly simple. Otherwise, for some
>> serious weak signal work, the K1FO designs are quite commonly used.
>> Directive Systems sell them...
>> http://www.directivesystems.com/antenna4.htm
>>
>> Hope that helps!
>>
>> Scott
>> N0EDV
>
>Now you tell me. I just ordered 2 beams from M-Square, one for 432 and one
>for 144. Wish I had the K1FO antennas as I had one for 432 and it worked
>very well. I did not know anyone had picked up the K1FO design after he
>became a SK.

Important correction: Steve Powlishen, K1FO, is NOT an SK! (W9GB had it correct: the person who died was the co-developer W1EJ.)

W9GB is also correct that they are excellent yagis, and have been published in several editions of the ARRL Handbook. The most extensive write-up is in the ARRL Microwave Experimenter's Handbook Volume 1.

Don't worry, you'll be fine with an M2 yagi as well. There is a lot of convergence between modern long yagi designs, so the state-of-the-art is that products from all the major manufacturers are very close to optimum performance in terms of gain and pattern.

There can still be some differences in performance between different brands, depending mostly on the exact balance between gain, pattern and bandwidth the designer was trying to achieve. However, these differences between brands are almost always quite small, so for comparable designs (ie yagis with the same or very similar boom length, of 2-3 wavelengths or more) the difference between brands might only be a few tenths of a dB in terms of gain, and maybe a few dB difference in the levels of minor sidelobes.

End users will hardly ever notice these differences on the air, so when choosing which long yagi to buy, you can pay more attention to other important factors, such as overall size, style of construction, suitability for your weather conditions, price and dependable product

support.

[I could write a lot more about "optimized" long yagis, but not this morning. There's more information in the 'Long Yagi Workshop' section of my website.]

--
73 from Ian GM3SEK
http://www.ifwtech.co.uk/g3sek

882. Re: New FCC Rules

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 07:21:58 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1160983318.732493.307390@f16g2000cwb.googlegroups.com>
Source record: 51105
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Ron wrote:
> This needed to be down years ago. Good to see the ARRL and the FCC are
> listening to the active Amateurs and doing what the majority want.
>
> Interesting to know that Phone operators are appliance operators and CW
> operators are not. I guess the CW operators are all using Homebrew
> equipment and if not then I hope at least that every one of them that
> own a Yaesu FT-1000MP / D have done the CW modification and did it them
> selves without senting it to a repair place ?

the CW ops don't even need radios to get through remeber CW knowledge
is all you need not even radios according to some of Slow Codes posts

883. Re: New FCC Rules

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 11:10:21 UTC
From: john <john@nospam.net>
Message-ID: <t0q6j2tkekdb8lgag4a9pq9f0cjg21ucjk@4ax.com>
Source record: 51107
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On 16 Oct 2006 00:21:58 -0700, "an_old_friend" <konstans@hotmail.com>
wrote:

>
>Ron wrote:
>> This needed to be down years ago. Good to see the ARRL and the FCC are
>> listening to the active Amateurs and doing what the majority want.
>>
>> Interesting to know that Phone operators are appliance operators and CW
>> operators are not. I guess the CW operators are all using Homebrew
>> equipment and if not then I hope at least that every one of them that
>> own a Yaesu FT-1000MP / D have done the CW modification and did it them
>> selves without senting it to a repair place ?
>
>the CW ops don't even need radios to get through remeber CW knowledge
>is all you need not even radios according to some of Slow Codes posts

Where is Slow Code? Haven't seen any posts from him all weekend. Maybe
he is busy working at Buger King.

884. Re: 2 meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 11:22:31 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <8_Gdna9jaOTk9q7YnZ2dnUVZ_tKdnZ2d@bright.net>
Source record: 51108

If you don't mind having a little less gain than is ultimately possible
by using an antenna modeling program, the NBS (Nation Bureau of
Standards) designs are pretty straight-forward. For a 6 element Yagi,
here is element lengths and spacings for building with insulated
elements (insulated from the boom, so I would use wood, 1" X 2" X 8.5')

Lengths:
Reflector = 3' 4"
Driven = 3' 2-3/16"
Dir 1 = 3' 7/8"
Dir 2 = 3' 7/16"
Dir 3 = 3' 7/16"
Dir 4 = 3' 7/8"

Spacing:
Ref to Driven = (187.2/Fc) X 12
Spacing between all other elements = (234/Fc) X 12
where Fc is the design center frequency in MHz, ie 146 for the center of
the FM portion). The spacing calculations give the answer in inches.

Then you need to feed it. I use delta matches. Are you good at
qrz.com? If so I can send you a drawing of the feed to get you started
(but you would need an SWR meter that works at 2M to get it adjusted).

Scott
N0EDV

Merlin-7 KI4ILB wrote:
> What design plans would you use?
>
> Thanks
> joe
>
> "Scott" <acepilot@bloomer.net> wrote in message
> news:k4ednVIdZ9WWWa_YnZ2dnUVZ_o6dnZ2d@bright.net...
>
>>Depends what you want. Are you going to use a small Yagi for FM work or
>>a long boom Yagi for SSB/CW? If you want something fairly simple, a
>>homemade 6 or 8 element Yagi is fairly simple. Otherwise, for some
>>serious weak signal work, the K1FO designs are quite commonly used.
>>Directive Systems sell them...
>
> http://www.directivesystems.com/antenna4.htm
>
>>Hope that helps!
>>

>>Scott
>>N0EDV
>>
>
>
>

885. Re: 2 meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 11:25:23 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <ppCdnauy2tu-8a7YnZ2dnUVZ_qSdnZ2d@bright.net>
Source record: 51109

Oops, sorry ;(

I think the M Squared antennas are pretty good anyways.

Scott
N0EDV

Ralph Mowery wrote:

> "Scott" <acepilot@bloomer.net> wrote in message
> news:k4ednVIdZ9WWWa_YnZ2dnUVZ_o6dnZ2d@bright.net...
>
>>Depends what you want. Are you going to use a small Yagi for FM work or a
>>long boom Yagi for SSB/CW? If you want something fairly simple, a
>>homemade 6 or 8 element Yagi is fairly simple. Otherwise, for some
>>serious weak signal work, the K1FO designs are quite commonly used.
>>Directive Systems sell them...
>>http://www.directivesystems.com/antenna4.htm
>>
>>Hope that helps!
>>
>>Scott
>>N0EDV
>
>
> Now you tell me. I just ordered 2 beams from M-Square, one for 432 and one
> for 144. Wish I had the K1FO antennas as I had one for 432 and it worked
> very well. I did not know anyone had picked up the K1FO design after he
> became a SK.
>
>
>

886. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 12:09:00 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1161000540.724865.25060@m73g2000cwd.googlegroups.com>
Source record: 51110
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Mark@kb9rqz.net wrote:
> On 15 Oct 2006 16:24:35 -0700, hot-ham-and-cheese@hotmail.com wrote:
> >LenAnderson@ieee.org wrote:
> >> From: hot-ham-and-che...@hotmail.com on Sat, Oct 14 2006 4:01 pm
> >> >Slow Code wrote:

> >> >> If an amateur had to relay a through a country and the amateurs didn't
> >> >> know each other language they still could have passed it by CW and the
> >> >> message could have been delivered to someone that could read it. Not no
> >> >> more.
> >> >
> >> >What can be passed by CW that cannot be passed by voice???
> >> >
> >> >Adhere to the ICAO's phonetic alphabet, and there need be no
> >> >bi-lingualism nor a CW requirement.
> >>
> >> Since 1955 for international civil aviation. It's taken
> >> from the NATO approved phonetic alphabet which came out
> >> earlier the same year. I remember it well since I had to
> >> learn the "new" phonetic alphabet in a hurry while in the
> >> Army then. :-)
> >
> >It took me about 20 minutes during a mid-shift to learn it.

> not it took that long or maybe a bit longer but nothing like the time
> I have wasted on Morse

It took me about 7 weeks and lots of hours to get to about 10 words per
minute. I couldn't get past that, so I got the consolation prize...
Technician.

> >> >> When things start failing communication wise worldwide, amateur radio
> >> >> might be all there is to relay messages, and the ITU just removed one of
> >> >> the legs of a three leg stool.
> >> >
> >> >Dear Slow, air traffic controllers don't use Morris Code, and they
> >> >communicate with foreign speakers JUST FINE!
> >>
> >> Ever since 1955 the worldwide common language for civil
> >> aviation communications on airways has been English
> >> spoken as well as (now) data. That includes pilots as
> >> well as controllers, even in and over their native
> >> country; a non-English speaking country MAY use their
> >> native language but the civil airways can have many

> >> nations' aircraft in it.
> >>
> >> Blowcode is just another troll who has his head up his
> >> ass in regards to radio communications. That head just
> >> hasn't been aware of what happened in radio for a half
> >> century.
> >
> >With his head up his own ass, he wouldn't need to eat his own excrement
> >off of another man's genitals. Maybe Robesin can give us hit ake on
> >that.
>
> well BB it must a tight fit so I suspect he wait to he puls out for
> air

We should hear a loud "pop."

> >> The ITU didn't "just remove" anything. The ITU-R made
> >> the code test for an amateur license with below-30-MHz
> >> privileges OPTIONAL to each administration. In 2003.
> >> THREE years ago, not "just now." :-)
> >
> >Slow is, well, slow.

> realy slwo but according to one of post another of Sock puppets "hey
> Stupid" so he is more honest the Robeson (which is truly damning with
> faint praise.

He might be a former RRAPper. Can you guess which one?

887. Re: Radials -- the same length or not???

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 12:47:30 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1161002850.103691.74590@e3g2000cwe.googlegroups.com>
Source record: 51111

> How tall is your antenna going to be? I'd enjoy having an 80 foot
> vertical for 160 through 40 but that's just not going to happen. I'm
> looking for low visual impact here..

How about 60 feet?

http://www.spiderbeam.net/sb/images/product_images/info_images/18m_pole/08_18mpole.jpg

My approach, since it's a low band antenna, is to put the black
fiberglass pole at night, goes up just before dusk and down in the
morning... I have the 40 foot version.. I don't know if you're
looking for stealth or just low-profile. I'm not antenna restricted or
anything, but I don't see any reason to make my neighbors look at the
vertical all the time.

Dan

888. Re: Radials -- the same length or not???

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 14:46:30 UTC
From: "John, N9JG" <john@Xremove.MeYgotwals.com>
Message-ID: <aXMYg.6623$5i7.5568@newsreading01.news.tds.net>
Source record: 51112

Is that pole self-supporting? How do you put it up and how do you take it
down?

<n3ox.dan@gmail.com> wrote in message
news:1161002850.103691.74590@e3g2000cwe.googlegroups.com...
>> How tall is your antenna going to be? I'd enjoy having an 80 foot
>> vertical for 160 through 40 but that's just not going to happen. I'm
>> looking for low visual impact here..
>
> How about 60 feet?
>
> http://www.spiderbeam.net/sb/images/product_images/info_images/18m_pole/08_18mpole.jpg
>
> My approach, since it's a low band antenna, is to put the black
> fiberglass pole at night, goes up just before dusk and down in the
> morning... I have the 40 foot version.. I don't know if you're
> looking for stealth or just low-profile. I'm not antenna restricted or
> anything, but I don't see any reason to make my neighbors look at the
> vertical all the time.
>
> Dan
>

889. Re: 2 meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 15:09:40 UTC
From: Tam/WB2TT <t-tammaru@c0mca$t.net>
Message-ID: <b5adnbPjA708Pa7YnZ2dnUVZ_uWdnZ2d@comcast.com>
Source record: 51113

"Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in message
news:NtyYg.7763$gL.6899@southeast.rr.com...
> Who sells them with the most bang for the buck?
>
>
Probably CushCraft. There are so many of these around that they are also not
hard to find used at hamfests. I once picked up a 7 element for $8. Can't
buy the aluminum for that. A friend of mine used 4 of their Boomer models
for moon bounce. Only thing I don't like about them is the gamma match.

Tam/WB2TT

890. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 15:56:57 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <4ZNYg.45999$tT6.14263@bignews7.bellsouth.net>
Source record: 51114
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

<LenAnderson@ieee.org> wrote in message
news:1158983174.967897.172510@m73g2000cwd.googlegroups.com...
>
> Opus- wrote:
>> On Tue, 19 Sep 2006 08:19:27 -0400, jawod <jawod@fuse.net> spake
>> thusly:
>>
>> >> Who the FUCK are YOU to make such a statement? You snot nosed,
>> >> arrogant PRICK! You do NOT know the kind of person that I am!! Wake up
>> >> and smell the cappuccino! Code is obsolete! Knowing code does NOTHING
>> >> to make somebody an "asset to the service". And, could you explain
>> >> what makes a person an "asset to the service"?
>> >>
>> >Jeez,
>> >Chill out, eh?
>>
>> Sorry, but I get upset with people who make statements that are easily
>> taken as personal insults.
>
> "Stuff happens."
>
> BTW, this "Jawod" signed a message on rec.radio.amateur.homebrew
> as "AB8O." I found a blank on that call sign at QRZ.
>
>
>> >Yes it's obsolete. Yes, it's fun.
>>
>> I found it to be cold and impersonal.
>
> I agree. Manual radiotelegraphy has NONE of the body language
> or tone of voice or much of anything that is normal in everyday
> person-to-person contacts. Using this monotonic form of
> very early radio allows any user to be anything they want with
> no real references to anything but the ability to send telegraphy.
>
>
>> >Should it be used to qualify? Let the FCC decide (soon).
>>
>> Here in Canada, they already have. I believe the FCC will soon.
>>
>> >If it is eliminated, will that change the "Service"? Maybe.
>>
>> Probably not.

>
> Heh heh...if the test is eliminated the expressed outrage,
> anguish, and horror will be a horrendous wail never to be
> silenced until the last code key is pried from cold, dead
> fingers! :-)
>
>
>> >Will CW disappear? Probably not.
>> >Historically, it defined ham radio, so it has a special place in the
>> >hearts of very many hams. It's natural that they sort of cling to it.
>>
>> Let them cling, they are free to do so.
>
> I'd say "clog" as in cholesterol clogging those "hearts."
>
> "Jawod" uses "many" AS IF it were quantitative. Not so much
> in the USA now. The US Technician class licensees now
> number about 49% of all, twice as large a number as the
> General class. I doubt they want to hear such facts.
>
>
>> >Will CW's elimination be the end of ham radio? Of course not.
>> >Ham radio will cease when all the hams die off. New hams are needed,
>> >with or without code.
>>
>> I totally agree.
>
> In the USA the number of newcomers is not able to keep pace
> with the expirations of licensees. That trend has been evident
> for more than a year. [see www.hamdata.com] The majority of
> new licensees are Technician class. Novice class, the
> supposed traditional "beginner" license has been expiring at a
> steady rate for years before the US changes in 2000.
>
>
>> >My personal hope is that a significant minority of these new hams will
>> >take up CW and learn to enjoy this mode. It truly is a fun mode. I
>> >hope people will WANT to learn it.
>>
>> I always found it to be boring.
>
> "Jawod" and other morsemen think that all will "like" what they
> like. They really don't understand what other citizens want.
>
>
>> >Compulsory things are seldom welcome,,,some are necessary. Is CW a good
>> >requirement for ham radio? I guess it has probably outlived its day.
>> >
>> >A requirement related to other digital modes would make a good
>> >replacement. True?

>>
>> I completely agree. If you want to filter out the less serious, then
>> use a relevant method. Here in Canada, in order to get a no-code
>> licence, you must get at least 80% on the technical. And technical
>> prowess will always be important regardless of the mode of
>> communication.
>
> That sounds fair. In general I've approved what Industry Canada
> does on communications regulations...a bit more than what the
> FCC does for US civil radio services.
>
> LenAnderson@ieee.org
>

Im sure the numbers would look even wose if the licenses expired sooner.
Most of the new hams I know lose interest in a couple of years, long befor
the licence expires.

891. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 16:04:45 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1161014685.850587.193480@f16g2000cwb.googlegroups.com>
Source record: 51115
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Jimmie D wrote:
>
> Im sure the numbers would look even wose if the licenses expired sooner.
> Most of the new hams I know lose interest in a couple of years, long befor
> the licence expires.

Those darned new hams. They never should have been licensured in the
first place. Didn't have the ooomph to get licensed when the tests
were harder so they weren't really that innerested in the first place.
Didn't show the proper dedication.

892. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 16:26:56 UTC
From: Mark@kb9rqz.net
Message-ID: <shc7j2pkvq2vfjtcnoglgaenfbusk797pi@4ax.com>
Source record: 51116
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On 16 Oct 2006 05:09:00 -0700, hot-ham-and-cheese@hotmail.com wrote:

>
>Mark@kb9rqz.net wrote:
>> On 15 Oct 2006 16:24:35 -0700, hot-ham-and-cheese@hotmail.com wrote:
>> >LenAnderson@ieee.org wrote:
>> >> From: hot-ham-and-che...@hotmail.com on Sat, Oct 14 2006 4:01 pm
>> >> >Slow Code wrote:
>
>> >> >> If an amateur had to relay a through a country and the amateurs didn't
>> >> >> know each other language they still could have passed it by CW and the
>> >> >> message could have been delivered to someone that could read it. Not no
>> >> >> more.
>> >> >
>> >> >What can be passed by CW that cannot be passed by voice???
>> >> >
>> >> >Adhere to the ICAO's phonetic alphabet, and there need be no
>> >> >bi-lingualism nor a CW requirement.
>> >>
>> >> Since 1955 for international civil aviation. It's taken
>> >> from the NATO approved phonetic alphabet which came out
>> >> earlier the same year. I remember it well since I had to
>> >> learn the "new" phonetic alphabet in a hurry while in the
>> >> Army then. :-)
>> >
>> >It took me about 20 minutes during a mid-shift to learn it.
>
>> not it took that long or maybe a bit longer but nothing like the time
>> I have wasted on Morse
>
>It took me about 7 weeks and lots of hours to get to about 10 words per
>minute. I couldn't get past that, so I got the consolation prize...
>Technician.
5 year at 40 minutes per day 5 days per week and nothing not even the
novice license the only thing I got out of the exercise was that
somebody spotted my dyslexia before things got to the point of
believing my fellows of the days charges of being stupid (the guys
thinks they are putting me they have nothing on prettens attacking a
felow pretten
>
>> >> >> When things start failing communication wise worldwide, amateur radio
>> >> >> might be all there is to relay messages, and the ITU just removed one of
>> >> >> the legs of a three leg stool.

>> >> >
>> >> >Dear Slow, air traffic controllers don't use Morris Code, and they
>> >> >communicate with foreign speakers JUST FINE!
>> >>
>> >> Ever since 1955 the worldwide common language for civil
>> >> aviation communications on airways has been English
>> >> spoken as well as (now) data. That includes pilots as
>> >> well as controllers, even in and over their native
>> >> country; a non-English speaking country MAY use their
>> >> native language but the civil airways can have many
>> >> nations' aircraft in it.
>> >>
>> >> Blowcode is just another troll who has his head up his
>> >> ass in regards to radio communications. That head just
>> >> hasn't been aware of what happened in radio for a half
>> >> century.
>> >
>> >With his head up his own ass, he wouldn't need to eat his own excrement
>> >off of another man's genitals. Maybe Robesin can give us hit ake on
>> >that.
>>
>> well BB it must a tight fit so I suspect he wait to he puls out for
>> air
>
>We should hear a loud "pop."
>
>> >> The ITU didn't "just remove" anything. The ITU-R made
>> >> the code test for an amateur license with below-30-MHz
>> >> privileges OPTIONAL to each administration. In 2003.
>> >> THREE years ago, not "just now." :-)
>> >
>> >Slow is, well, slow.
>
>> realy slwo but according to one of post another of Sock puppets "hey
>> Stupid" so he is more honest the Robeson (which is truly damning with
>> faint praise.
>
>He might be a former RRAPper. Can you guess which one?
he might maybe another current RRAPer
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

893. Re: New FCC Rules

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 16:28:49 UTC
From: Mark@kb9rqz.net
Message-ID: <epc7j2ter0erdtkuvkadsi5rmb7n6i6tam@4ax.com>
Source record: 51117
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Mon, 16 Oct 2006 06:10:21 -0500, john <john@nospam.net> wrote:

>On 16 Oct 2006 00:21:58 -0700, "an_old_friend" <konstans@hotmail.com>
>wrote:
>
>>
>>Ron wrote:
>>> This needed to be down years ago. Good to see the ARRL and the FCC are
>>> listening to the active Amateurs and doing what the majority want.
>>>
>>> Interesting to know that Phone operators are appliance operators and CW
>>> operators are not. I guess the CW operators are all using Homebrew
>>> equipment and if not then I hope at least that every one of them that
>>> own a Yaesu FT-1000MP / D have done the CW modification and did it them
>>> selves without senting it to a repair place ?
>>
>>the CW ops don't even need radios to get through remeber CW knowledge
>>is all you need not even radios according to some of Slow Codes posts
>
>Where is Slow Code? Haven't seen any posts from him all weekend. Maybe
>he is busy working at Buger King.
I suspect he is arround posting under yet another nick
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

894. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 16:54:43 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1161017683.639215.11260@k70g2000cwa.googlegroups.com>
Source record: 51118
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

hot-ham-and-cheese@hotmail.com wrote:
> Jimmie D wrote:
> >
> > Im sure the numbers would look even wose if the licenses expired sooner.
> > Most of the new hams I know lose interest in a couple of years, long befor
> > the licence expires.
>
> Those darned new hams. They never should have been licensured in the
> first place. Didn't have the ooomph to get licensed when the tests
> were harder so they weren't really that innerested in the first place.
> Didn't show the proper dedication.

and of course none of the failure of hams to reamin hams is due to
bullshit they must endure from other hams

895. Ham Radio and Phone

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 17:07:38 UTC
From: "brentoli@gmail.com" <brentoli@gmail.com>
Message-ID: <1161018458.399299.214130@i3g2000cwc.googlegroups.com>
Source record: 51119
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

First off... this is coming from General... who was Grandfathered...

I know many people who are not Extras and who have not passed the 20wpm
that respect those OM very much. I love to sit at field day and watch
in awe at a CW operator. Just because I can't do it doesn't mean I
don't respect it. And there are many other people like that. So please
dont lump all of us "meaningless generals" into one please.

73's
KC0DOH

Brent Jensen

896. i punce in aigain

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 17:24:24 UTC
From: Mark@kb9rqz.net
Message-ID: <4533b35d$0$19638$88260bb3@free.teranews.com>
Source record: 51120
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

ok I back four anoter tuff day on the news grupes it my job tis waht I do
so
bringit on you loosers

show-na-to-va (that is the greeting for this time of year as a JEW
rendered phonicticaly)
happy new years it means and it can be better one if Wismen Robson and
SC a few just decided to not to be as hateful

with the punce gotcha he wonders why I simple don't bother to ty
impoving my spelling do u hav anyting cognet two say?

http://www.marksspamblog.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

897. Re: Radials -- the same length or not???

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 17:52:55 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <ehg7j2po49h96hj8kumkhjsfckbvholvkp@4ax.com>
Source record: 51121

On Sun, 15 Oct 2006 21:17:50 -0600, Hank Zoeller
<bogusaddress@dontbothernotvalid.com> wrote:

>John Ferrell wrote:
>> Your project has a lot in common with my ongoing 40-160 meter vertical
>> project. I am curious about what remote tuner you are planning.
>
>Hi John,
>
>The coupler is a Harris RF-601.
>
>I suspect the Harris would match this antenna on 80 and maybe even 160
>but I have no illusions about getting much radiation out of it on those
>bands. My intention is to use in from 40 through 15 meters.
>
>How tall is your antenna going to be? I'd enjoy having an 80 foot
>vertical for 160 through 40 but that's just not going to happen. I'm
>looking for low visual impact here..
I started with a 28 foot radiator and 3 radials. The focus has been on
the radiator, not the radial system. It has been easy to deal with in
both modeling and testing on 40M. The 40M (at 50') dipole included in
my A3S beam does seem to outperform it. That may simply be due to the
lower angle radiation of the vertical. On 80M the 28' vertical does
not seem worth much compared to a dipole at 45 feet. And the dipole is
resonant and well behaved.

At 160 meters it is tough to feed. Or may be impossible from my
perspective. It models OK, but matching schemes seem to be awkward and
inefficient. My latest idea is to use a vertical wire from the base of
my tower and bend it over at the 45 foot point and then horizontal to
a tree. If it models well, I will put it up and test it. I live in the
country and have several acres to work with.
John Ferrell W8CCW

898. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 18:33:35 UTC
From: Walter Maxwell <walt@w2du.com>
Message-ID: <e7j7j2t39ven3isiprbo8gb978ki1anv01@4ax.com>
Source record: 51122

On 15 Oct 2006 21:35:43 -0700, "art" <aunwin@insightbb.com> wrote:

>Yes there is a difference, A yagi is a planar beam ie on a single plane
>so the height of the array is the same for all elements in the array
>which creates a major lobe or beam.
>If the array is not planar such as a Quad then the elements are at
>different heights
>so the true or effective height of a quad antenna which is also a beam
>style antenna is approximately the center point of the array or
>somewhere between the top and bottom of the quad element.
>The point to stand by is that the height of the feed point is
>immaterial with respect to the effective height of an array. In another
>post I pointed out that no matter which element is fed in a array the
>effective height of the array is always the same and thus the TOA is
>always the same
>Regards
>Art
>
Hi Art,

One of the most demeaning aspects of this newsgroups concerns misunderstandings of definitions and terminology that often leasd to unfortunate and unnecessary arguments.

To wit: Yagi vs beam.

It's been my understanding that any combination of radiating elements intended to radiate more energy in one direction than omni establishes a major lobe that is called a beam. In other words, any directional system establishes a beam. Therefore, 'beam' is generic to all directional radiators.
It then follows that 'Yagi', 'quad', 'W8JK', 'EDZ', are all 'beams' of a particular type or configuration.

I believe it's important that correct terminology be used for the benefit of the newcomers--would you not agree?

Walt, W2DU

899. Re: New FCC Rules

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 19:14:59 UTC
From: john <john@nospam.net>
Message-ID: <igm7j2dtbfooo3ckggqt6s6rb8u6tp3kgr@4ax.com>
Source record: 51123
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Mon, 16 Oct 2006 12:28:49 -0400, Mark@kb9rqz.net wrote:

>On Mon, 16 Oct 2006 06:10:21 -0500, john <john@nospam.net> wrote:
>
>>On 16 Oct 2006 00:21:58 -0700, "an_old_friend" <konstans@hotmail.com>
>>wrote:
>>
>>>
>>>>Ron wrote:
>>>> This needed to be down years ago. Good to see the ARRL and the FCC are
>>>> listening to the active Amateurs and doing what the majority want.
>>>>
>>>> Interesting to know that Phone operators are appliance operators and CW
>>>> operators are not. I guess the CW operators are all using Homebrew
>>>> equipment and if not then I hope at least that every one of them that
>>>> own a Yaesu FT-1000MP / D have done the CW modification and did it them
>>>> selves without senting it to a repair place ?
>>>
>>>the CW ops don't even need radios to get through remeber CW knowledge
>>>is all you need not even radios according to some of Slow Codes posts
>>
>>Where is Slow Code? Haven't seen any posts from him all weekend. Maybe
>>he is busy working at Buger King.
>I suspect he is arround posting under yet another nick
>http://kb9rqz.blogspot.com/

Do you know his call sign?

900. Re: 20 M vertical ground plane antenna performance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 19:34:01 UTC
From: Wimpie <wimtel@tetech.nl>
Message-ID: <1161027241.377203.145680@i42g2000cwa.googlegroups.com>
Source record: 51124

Hello Steve

About 20m band antenna height.

The height of your antenna depends on what you want to do.

For "local" daily traffic (ground wave propagation [not confusing surface wave propagation]) you want as much as possible signal strength in the horizontal plane (low elevation). In that case height gives stronger signal. No matter the polarization, over land (for very small elevation angles) the ground reflected wave is opposite to the direct wave (elevation << (pseudo) Brewster Angle). More height gives some more phase difference between direct ray and the ray that arrives after ground reflection. The "two ray propagation model" is based on the direct wave and ground reflected wave (for very small elevation). So the CB people aren't that crazy.

When the height equals many wavelengths, you get many lobes in the elevation radiation pattern, but for local traffic this is not important.

For sky wave propagation the situation is different (as also mentioned by Greg). If you don't want lobes in the elevation radiation pattern, your height is limited to about halve a wavelength. Further raising the antenna gives lobes, but the elevation of the first lobe decreases.

About losses. You have near field and far field losses. If you place your antenna about a wavelength (or more) above ground, you have far field loss only. However placing your quarter wave with some radials close to ground will bring the ground within the (strong) reactive field zone. This increases the ground loss (you will notice this by an increase in the real part of the input impedance). You can reduce the near field at the ground by adding more radials (as suggested indirectly by Greg).

In my previous posting I suggested to higher the base of the antenna. This is also to reduce ground losses. A quarter wave vertical has low input impedance, causing relative high current in the radials. When the radials are close to (or in) the ground, losses do occur.

I did some simulation on a quarter wave vertical (20m band) fed over 4 radials (horizontal), placed at various heights above ground (15m thick dielectric layer representing average ground, very long run times, IE3D 3D planar simulator). The results were bad (Radiation efficiencies below 10%). More height gives lower ground dissipation. I hoped to get better results with a halve wave radiator (high impedance, hence reducing the current in the radials significantly). The simulation

showed a significant increase in radiation efficiency (above 54%).

A halve wave radiator with 4 horizontal quarter wave radials (radials 2 m above average ground) has a first lobe at 17 degrees and about 4 dBi in that direction).

So steve, I would recommend you to extend (if possible) the radiator to a halve wave (you need impedance match at the base), you can run your radials in the horizontal plane, radials should not touch ground. Extending a 5/8 wave does decrease the input impedance (hence increasing the currents in the radials) and thereby increasing the ground loss.

If you cannot extend the radiator, then increase the base significantly so that the ends of the radials are several meters above ground, and / or use more radials.

I hope this will not give confusion.

Best regards,

Wim
PA3DJS

901. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 20:01:38 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1161028898.573069.307150@e3g2000cwe.googlegroups.com>
Source record: 51125
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

an_old_friend wrote:
> hot-ham-and-cheese@hotmail.com wrote:
> > Jimmie D wrote:
> > >
> > > Im sure the numbers would look even wose if the licenses expired sooner.
> > > Most of the new hams I know lose interest in a couple of years, long befor
> > > the licence expires.
> >
> > Those darned new hams. They never should have been licensured in the
> > first place. Didn't have the ooomph to get licensed when the tests
> > were harder so they weren't really that innerested in the first place.
> > Didn't show the proper dedication.
>
> and of course none of the failure of hams to reamin hams is due to
> bullshit they must endure from other hams

Of course not! Ham radio is a swell fellowship of men. What you see
on RRAP n't ham radio.

902. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 20:06:58 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1161029218.887388.91460@m73g2000cwd.googlegroups.com>
Source record: 50976

Walt
I said that both antennas are beams. What I was addressing was the
height portion of the question whereas tho they are both beams the
effective height measurements were different.
i.e Planar beam versus other beams where the quad is not a planar beam.
Seems like effective height measurements contribute to most yagi /quad
comparison debates. There is also another side of the coin when
measuring effective ht and that is when a yagi is positioned vertically
where it is still planar when comparing to a quad element moved thru 90
degrees.which is now planar. If you chose to answer the posting what
part of my posting would you leave out, or question its veracity
especially after reading the total thread?
Regards
Art

Walter Maxwell wrote:
> On 15 Oct 2006 21:35:43 -0700, "art" <aunwin@insightbb.com> wrote:
>
> >Yes there is a difference, A yagi is a planar beam ie on a single plane
> >so the height of the array is the same for all elements in the array
> >which creates a major lobe or beam.
> >If the array is not planar such as a Quad then the elements are at
> >different heights
> >so the true or effective height of a quad antenna which is also a beam
> >style antenna is approximately the center point of the array or
> >somewhere between the top and bottom of the quad element.
> >The point to stand by is that the height of the feed point is
> >immaterial with respect to the effective height of an array. In another
> >post I pointed out that no matter which element is fed in a array the
> >effective height of the array is always the same and thus the TOA is
> >always the same
> >Regards
> >Art
> >
> Hi Art,
>
> One of the most demeaning aspects of this newsgroups concerns misunderstandings
> of definitions and terminology that often leasd to unfortunate and unnecessary
> arguments.
>
> To wit: Yagi vs beam.
>
> It's been my understanding that any combination of radiating elements intended
> to radiate more energy in one direction than omni establishes a major lobe that

> is called a beam. In other words, any directional system establishes a beam.
> Therefore, 'beam' is generic to all directional radiators.
> It then follows that 'Yagi', 'quad', 'W8JK', 'EDZ', are all 'beams' of a
> particular type or configuration.
XXXXXXXXXXXXXXXXXXXXXXXXXX
I agree, where did I say different?
XXXXXXXXXXXXXXXXXXXXXXXXXX
>
> I believe it's important that correct terminology be used for the benefit of the
> newcomers--would you not agree?

Yes I would agree but if one is unsure of the true terminology should
we ban all from ham radio as it has now moved from a hobby to.......
IEEE transactions on antennas ?
I believe everyone has become too picky as to who is a ham and who is
not and thus are becoming adverserial to those not fully versed in the
art. Look at the long posting regarding
antenna efficiency where everybody jumped on the electrical version of
efficiency ie transfer of electrical energy to a time variant field and
totaly ignoring the reference to pattern volume.with respect to the
main lobe portion. How on earth do electrical engineers chose
iapliances for the home when so much device energy is wasted or does
not imprint on the required use?
The majority of people on this newsgroup including newcomers are now
convinced that energy entering an array is nearly equal to the
radiation energy contained in the single main lobe and they contest
other thoughts by the use of " ratios": which is devoid of units and
relavence. Even if they didn't want to read the posting as a whole not
one looked at radiation efficiency change when viewing radiation from a
complex circuitry direction or in other words driven elements in
parallel since elements in parallel alter the resistance DC to
resistance radiation ratio ,admittedly small but there none the less. I
would admit to a review of antenna efficiency or radiator efficiency if
it was normal for radiators to be made of wood As I said earlier to
much nittpicking going on such that hams are becoming adverserial to
each other and that is to bad if we want newcomers to stay around.NUFF
SED
Art

>
> Walt, W2DU

903. id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 20:22:34 UTC
From: Mark@kb9rqz.net
Message-ID: <pfq7j2ln7bt6nl2cj2ura81gshgk9bnnk7@4ax.com>
Source record: 50977
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Mon, 16 Oct 2006 13:24:24 -0400, <Mark@kb9rqz.net> wrote:

> ok I back four anoter tuff day on the news grupes it my job tis waht I do
id theft is a crime
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

904. Re: New FCC Rules

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 20:23:46 UTC
From: Mark@kb9rqz.net
Message-ID: <mhq7j21qaq7ri7ti7onr1iu74taqjldcd0@4ax.com>
Source record: 50978
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Mon, 16 Oct 2006 14:14:59 -0500, john <john@nospam.net> wrote:

>On Mon, 16 Oct 2006 12:28:49 -0400, Mark@kb9rqz.net wrote:
>
>>On Mon, 16 Oct 2006 06:10:21 -0500, john <john@nospam.net> wrote:
>>
>>>On 16 Oct 2006 00:21:58 -0700, "an_old_friend" <konstans@hotmail.com>
>>>wrote:
>>>
>>>>
>>>>>Ron wrote:
>>>>> This needed to be down years ago. Good to see the ARRL and the FCC are
>>>>> listening to the active Amateurs and doing what the majority want.
>>>>>
>>>>> Interesting to know that Phone operators are appliance operators and CW
>>>>> operators are not. I guess the CW operators are all using Homebrew
>>>>> equipment and if not then I hope at least that every one of them that
>>>>> own a Yaesu FT-1000MP / D have done the CW modification and did it them
>>>>> selves without senting it to a repair place ?
>>>>
>>>>the CW ops don't even need radios to get through remeber CW knowledge
>>>>is all you need not even radios according to some of Slow Codes posts
>>>
>>>Where is Slow Code? Haven't seen any posts from him all weekend. Maybe
>>>he is busy working at Buger King.
>>I suspect he is arround posting under yet another nick
>>http://kb9rqz.blogspot.com/
>
>Do you know his call sign?
no I do not know his call sign I suspect it is k4yz but that is mere
suspision
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

905. Re: Ham Radio and Phone

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 20:32:46 UTC
From: Mark@kb9rqz.net
Message-ID: <73r7j2hrur6um9n30sc84meveddgv20brv@4ax.com>
Source record: 50979
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On 16 Oct 2006 10:07:38 -0700, "brentoli@gmail.com"
<brentoli@gmail.com> wrote:

>First off... this is coming from General... who was Grandfathered...
>
>I know many people who are not Extras and who have not passed the 20wpm
>that respect those OM very much. I love to sit at field day and watch
>in awe at a CW operator. Just because I can't do it doesn't mean I
>don't respect it. And there are many other people like that. So please
>dont lump all of us "meaningless generals" into one please.

wel said
>
>73's
>KC0DOH
>
>Brent Jensen
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

906. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 20:43:07 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1161031387.179319.198490@m7g2000cwm.googlegroups.com>
Source record: 50980
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

hot-ham-and-cheese@hotmail.com wrote:
> an_old_friend wrote:
> > hot-ham-and-cheese@hotmail.com wrote:
> > > Jimmie D wrote:

> > and of course none of the failure of hams to reamin hams is due to
> > bullshit they must endure from other hams
>
> Of course not! Ham radio is a swell fellowship of men. What you see
> on RRAP n't ham radio.
realy it isn't that much different from what i encounters on air with a
sad frequency

907. Re: 2 meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 20:43:31 UTC
From: Charlie <charlie@ease.biz>
Message-ID: <12j7ro6997vqt0b@corp.supernews.com>
Source record: 50981

Very pleased with my M2 2M9SSB 9 element yagi. 12.4 dbi gain with 20+db
f/b. Download the owners manual here:
1. http://www.ad5th.com/VHF.html

--

73,Charlie-AD5TH
www.ad5th.com
"
Tam/WB2TT" <t-tammaru@c0mca$t.net> wrote in message
news:b5adnbPjA708Pa7YnZ2dnUVZ_uWdnZ2d@comcast.com...
>
> "Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in message
> news:NtyYg.7763$gL.6899@southeast.rr.com...
>> Who sells them with the most bang for the buck?
>>
>>
> Probably CushCraft. There are so many of these around that they are also
> not hard to find used at hamfests. I once picked up a 7 element for $8.
> Can't buy the aluminum for that. A friend of mine used 4 of their Boomer
> models for moon bounce. Only thing I don't like about them is the gamma
> match.
>
> Tam/WB2TT
>
>

908. Re: Radials -- the same length or not???

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 21:05:58 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1161032758.535370.157770@h48g2000cwc.googlegroups.com>
Source record: 50982

It's telescoping friction fit fiberglass like those fiberglass fishing
poles everyone's using for portable antennas, just much heavier duty.
I just guyed the bottom section of mine (40 inches up) with a few tent
stakes and that's enough to support it in a breeze at least. I'd make
a good base support of some kind if you'd leave it up in the wind, but
I don't. If the WX is bad I take it down. We'll have to see about the
winter, I might want to keep it up in bad winter weather... bad summer
weather always means thunderstorms, and therefore, QRT!

Dan

> Is that pole self-supporting? How do you put it up and how do you take it
> down?

909. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 21:32:05 UTC
From: Walter Maxwell <walt@w2du.com>
Message-ID: <i4u7j2ploj0f0ap96bprl4e8k5951h1kkd@4ax.com>
Source record: 50983

On 16 Oct 2006 13:06:58 -0700, "art" <aunwin@insightbb.com> wrote:

>Walt
> I said that both antennas are beams. What I was addressing was the
>height portion of the question whereas tho they are both beams the
>effective height measurements were different.
>i.e Planar beam versus other beams where the quad is not a planar beam.
>Seems like effective height measurements contribute to most yagi /quad
>comparison debates. There is also another side of the coin when
>measuring effective ht and that is when a yagi is positioned vertically
>where it is still planar when comparing to a quad element moved thru 90
>degrees.which is now planar. If you chose to answer the posting what
>part of my posting would you leave out, or question its veracity
>especially after reading the total thread?
>Regards
>Art
>
>Walter Maxwell wrote:
>> On 15 Oct 2006 21:35:43 -0700, "art" <aunwin@insightbb.com> wrote:
>>
>> >Yes there is a difference, A yagi is a planar beam ie on a single plane
>> >so the height of the array is the same for all elements in the array
>> >which creates a major lobe or beam.
>> >If the array is not planar such as a Quad then the elements are at
>> >different heights
>> >so the true or effective height of a quad antenna which is also a beam
>> >style antenna is approximately the center point of the array or
>> >somewhere between the top and bottom of the quad element.
>> >The point to stand by is that the height of the feed point is
>> >immaterial with respect to the effective height of an array. In another
>> >post I pointed out that no matter which element is fed in a array the
>> >effective height of the array is always the same and thus the TOA is
>> >always the same
>> >Regards
>> >Art
>> >
>> Hi Art,
>>
>> One of the most demeaning aspects of this newsgroups concerns misunderstandings
>> of definitions and terminology that often leasd to unfortunate and unnecessary
>> arguments.
>>
>> To wit: Yagi vs beam.
>>

>> It's been my understanding that any combination of radiating elements intended
>> to radiate more energy in one direction than omni establishes a major lobe that
>> is called a beam. In other words, any directional system establishes a beam.
>> Therefore, 'beam' is generic to all directional radiators.
>> It then follows that 'Yagi', 'quad', 'W8JK', 'EDZ', are all 'beams' of a
>> particular type or configuration.
>XXXXXXXXXXXXXXXXXXXXXXXXXX
>I agree, where did I say different?
>XXXXXXXXXXXXXXXXXXXXXXXXXX

Ok Art, here's the way I saw it:

Sal Manela sez: "Before anybody tells me there is a difference between a yagi
and a beam, let me thank you in advance."

Then you replied, "Yes there is a difference,"

So Art, my response was only to refute your statement above. I don't dispute
your other statements.

Walt, W2DU

910. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 22:01:07 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1161036067.532083.178020@m7g2000cwm.googlegroups.com>
Source record: 50984

Understood
Best regards
Art

Walter Maxwell wrote:
> On 16 Oct 2006 13:06:58 -0700, "art" <aunwin@insightbb.com> wrote:
>
> >Walt
> > I said that both antennas are beams. What I was addressing was the
> >height portion of the question whereas tho they are both beams the
> >effective height measurements were different.
> >i.e Planar beam versus other beams where the quad is not a planar beam.
> >Seems like effective height measurements contribute to most yagi /quad
> >comparison debates. There is also another side of the coin when
> >measuring effective ht and that is when a yagi is positioned vertically
> >where it is still planar when comparing to a quad element moved thru 90
> >degrees.which is now planar. If you chose to answer the posting what
> >part of my posting would you leave out, or question its veracity
> >especially after reading the total thread?
> >Regards
> >Art
> >
> >Walter Maxwell wrote:
> >> On 15 Oct 2006 21:35:43 -0700, "art" <aunwin@insightbb.com> wrote:
> >>
> >> >Yes there is a difference, A yagi is a planar beam ie on a single plane
> >> >so the height of the array is the same for all elements in the array
> >> >which creates a major lobe or beam.
> >> >If the array is not planar such as a Quad then the elements are at
> >> >different heights
> >> >so the true or effective height of a quad antenna which is also a beam
> >> >style antenna is approximately the center point of the array or
> >> >somewhere between the top and bottom of the quad element.
> >> >The point to stand by is that the height of the feed point is
> >> >immaterial with respect to the effective height of an array. In another
> >> >post I pointed out that no matter which element is fed in a array the
> >> >effective height of the array is always the same and thus the TOA is
> >> >always the same
> >> >Regards
> >> >Art
> >> >
> >> Hi Art,
> >>
> >> One of the most demeaning aspects of this newsgroups concerns misunderstandings

> >> of definitions and terminology that often leasd to unfortunate and unnecessary
> >> arguments.
> >>
> >> To wit: Yagi vs beam.
> >>
> >> It's been my understanding that any combination of radiating elements intended
> >> to radiate more energy in one direction than omni establishes a major lobe that
> >> is called a beam. In other words, any directional system establishes a beam.
> >> Therefore, 'beam' is generic to all directional radiators.
> >> It then follows that 'Yagi', 'quad', 'W8JK', 'EDZ', are all 'beams' of a
> >> particular type or configuration.
> >XXXXXXXXXXXXXXXXXXXXXXXXXXX
> >I agree, where did I say different?
> >XXXXXXXXXXXXXXXXXXXXXXXXXXX
>
> Ok Art, here's the way I saw it:
>
> Sal Manela sez: "Before anybody tells me there is a difference between a yagi
> and a beam, let me thank you in advance."
>
> Then you replied, "Yes there is a difference,"
>
> So Art, my response was only to refute your statement above. I don't dispute
> your other statements.
>
> Walt, W2DU

911. Need Assembly instructions manual and schematics of Mosley MP-33

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 22:22:40 UTC
From: f8atm@orange.fr
Message-ID: <1161037360.362261.4860@k70g2000cwa.googlegroups.com>
Source record: 50985

Hello,
i need the assembly instructions manual and schematics of the Mosley
MP-33.
paper or pdf version.
Tnx in advance for answers.
73
F8ATM Laurent
f8atm (at) orange (dot) fr

912. NEC and computer speed

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 22:43:35 UTC
From: W1HBQ <anderross@gmail.com>
Message-ID: <1161038615.902202.311240@m7g2000cwm.googlegroups.com>
Source record: 50986

I'm planning to buy a new computer, and its main task will be for antenna simulations using NEC. The issues appear to be: Intel verses AMD, single verses dual core, front side bus and RAM speed, and of course processor speed. I would appreciate any guidance.

It would be interesting to compare computation speeds of various computers for the same antenna. One possible antenna to use for comparison is The Grid Yagi from my website:
http://home.comcast.net/~ross_anderson/GridYagi.htm
http://home.comcast.net/~ross_anderson/GridYagiD1.htm
My three year old Dell with a Pentium 4 2.8GHz with HT and 3GB DDR of RAM at 400MHz using the Nec2dXS*.exe calculating machine gives:
- - - MATRIX TIMING - - -FILL= 12.469 SEC., FACTOR= 11.422 SEC.
I'm interested to see how this compares to more modern computers.

Ross W1HBQ

913. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 22:44:23 UTC
From: Dave <noone@nowhere.com>
Message-ID: <19CdnbdUr7HOlqnYnZ2dnUVZ_qadnZ2d@crocker.com>
Source record: 50987

that separation comes about from the spacing of guy wires on the rohn towers
they are on. it also happens to work out reasonably well with the elevation
pattern software since that many antennas fairly well covers the whole range
of take off angles from new england to most of the world.

all my yagis are completely grounded designs anyway, so there is no need to
further ground them when not in use. when there is rain or snow static the
top one often becomes too noisy to use while lower ones are just fine...
another good reason to rotate the bottom antennas (except on 40m where it
won't turn under the guy wires).

"art" <aunwin@insightbb.com> wrote in message
news:1160970288.636651.13230@i3g2000cwc.googlegroups.com...
> David that is quite an array of antennas. Two questions come to mind.
> Why the separation of a half versus 0.6 of a wave length?
> and 2 do you ground the top antenna when it is not in use or let it
> float?
> I have heard that the top array can remove static noise to advantage
> and I was wondering how that would compare to an elevated mast that
> would provide a cone of protection and thus allow use of the top array
> regardless of conditions.
> Regards
> Art
>
> art wrote:
>> David, are you saying that your three-some stack is made out of tri
>> banders of the same design such that a lobe null can be filled? I
>> believe that is exactly the coverage the poster is looking for, he
>> wants to be around to hear when the tree falls
>> Art
>>
>> Dave wrote:
>> > "Cecil Moore" <mycall@hotmail.com> wrote in message
>> > news:ka6Yg.12717$GR.3481@newssvr29.news.prodigy.net...
>> > > CW wrote:
>> > >> I've been wondering for some time now why amateur operators don't
>> > >> build
>> > >> their Yagi antenna's
>> > >> so they can be raised and lowered about 10ft in addition to being
>> > >> rotated.
>> > >
>> > > Many do, using motor driven towers. In addition to lowering
>> > > their arrays when a storm hits, some raise and lower their
>> > > towers during marginal conditions to maximize signal strength.
>> > > --

>> >
>> > its really only practical on crank up type towers, for those with guyed
>> > towers its usually not possible.
>> >
>> > 10' change on 20m would likely not be very useful though. my hf stacks
>> > for
>> > 10/15/20 are all spaced 30' apart, 40m is spaced about 80'. even with
>> > those
>> > height changes (which i can select instantly so i can make direct
>> > comparisons without worrying about fading) there is often little
>> > difference
>> > between antennas... though sometims there is a lot of difference. This
>> > highlights the fact that often the signals arrive with a wide range of
>> > angles, though at some times they must be in a relatively narrow range.
>> > so
>> > having multiple antennas at different heights that can be selected in
>> > various combinations is a handy thing to do.
>

914. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 22:49:57 UTC
From: Dave <noone@nowhere.com>
Message-ID: <M4KdnQBSvbc_kanYnZ2dnUVZ_vSdnZ2d@crocker.com>
Source record: 50988

"Sal M. Onella" <salmonella@food.poisoning.org> wrote in message
news:w3DYg.5744$gM1.5721@fed1read12...
>
> "CW" <cpwendling@yahoo.com> wrote in message
> news:1160832741.013618.210820@m7g2000cwm.googlegroups.com...
>> Fellows,
>>
>> I've been wondering for some time now why amateur operators don't build
>> their Yagi antenna's
>> so they can be raised and lowered about 10ft in addition to being
>> rotated.
>> It seems to me that raising and lowering the height of a Yagi affects
>> the take-off angle by at least several degrees, meaning that the signal
>> delivery (target area) would be moved by at least many hundreds of
>> miles.
>
> I don't know if this helps, but advice for TV DX says that you get
> progressively improved performance until the yagi's
> height-above-average-terrain (HAAT) is equal to about ten wavelengths.
> (Above that HAAT, the signal strength varies up and down with further
> increases in the elevation)
>
> I never tested the idea, but if correct and it also holds for HF, there
> won't ever be anybody _lowering_ a HF yagi. We would want the most
> height.
> At the 2006 Field Day, one team had multi-band beam at 85 feet and
> everybody
> loved it.

no, it doesn't hold for hf. tv dx is basically a line of sight vhf/uhf type of propagation where height is everything. the higher you can go the better, i don't know where 10 wavelengths came from since that is actually pretty low on the higher uhf channels! on hf you can't get high enough to get away from the ground reflection effects so you might as well put them to good use. And yes, when bands like 10/15/20m are wide open from new england to europe the best antennas are often the lowest ones here... i.e. my yagi at 30' on 10m will have much stronger signals than the ones at 60, 90, or 120'. and yet at other times, like now, on 10m my yagi at 180' is often the only one to hear any dx.

so the answer is: yes, you can be too high, but no, you can't get too high.

915. Re: NEC and computer speed

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 23:03:06 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <1q38j2d2dju5jd1eoiq9f9d46sqh323dhi@4ax.com>
Source record: 50989

On 16 Oct 2006 15:43:35 -0700, "W1HBQ" <anderross@gmail.com> wrote:

>The Grid Yagi from my website:
>http://home.comcast.net/~ross_anderson/GridYagi.htm
>http://home.comcast.net/~ross_anderson/GridYagiD1.htm

Hi Ross,

Can't say much for computer speed, but the antenna is interesting. It
is certainly resource hungry to model and I can see why you want
speed.

73's
Richard Clark, KB7QHC

916. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 23:12:35 UTC
From: "LenAnderson@ieee.org" <LenAnderson@ieee.org>
Message-ID: <1161040355.357240.163210@k70g2000cwa.googlegroups.com>
Source record: 50990
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

hot-ham-and-cheese@hotmail.com wrote:
> Mark@kb9rqz.net wrote:
> > On 15 Oct 2006 16:24:35 -0700, hot-ham-and-cheese@hotmail.com wrote:
> > >LenAnderson@ieee.org wrote:
> > >> From: hot-ham-and-che...@hotmail.com on Sat, Oct 14 2006 4:01 pm
> > >> >Slow Code wrote:

> > >> Blowcode is just another troll who has his head up his
> > >> ass in regards to radio communications. That head just
> > >> hasn't been aware of what happened in radio for a half
> > >> century.
> > >
> > >With his head up his own ass, he wouldn't need to eat his own excrement
> > >off of another man's genitals. Maybe Robesin can give us hit ake on
> > >that.
> >
> > well BB it must a tight fit so I suspect he wait to he puls out for
> > air
>
> We should hear a loud "pop."
>
> > >> The ITU didn't "just remove" anything. The ITU-R made
> > >> the code test for an amateur license with below-30-MHz
> > >> privileges OPTIONAL to each administration. In 2003.
> > >> THREE years ago, not "just now." :-)
> > >
> > >Slow is, well, slow.
>
> > realy slwo but according to one of post another of Sock puppets "hey
> > Stupid" so he is more honest the Robeson (which is truly damning with
> > faint praise.
>
> He might be a former RRAPper. Can you guess which one?

I'll go with Mark and say it is a current RRAPer...a pro-coder who
is wrapped too tight...either Jimmie Noserve or that Waffen SS guy.

917. Re: 2 meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 23:19:19 UTC
From: Ralph Mowery <rmowery28146@earthlink.net>
Message-ID: <XrUYg.10306$Y24.8694@newsread4.news.pas.earthlink.net>
Source record: 50991

"Ian White GM3SEK" <gm3sek@ifwtech.co.uk> wrote in message
news:SMnfddEQMzMFFANf@ifwtech.co.uk...
> Ralph Mowery wrote:
>>
>>"Scott" <acepilot@bloomer.net> wrote in message
>>news:k4ednVIdZ9WWWa_YnZ2dnUVZ_o6dnZ2d@bright.net...
>>> Depends what you want. Are you going to use a small Yagi for FM work or
>>> a
>>> long boom Yagi for SSB/CW? If you want something fairly simple, a
>>> homemade 6 or 8 element Yagi is fairly simple. Otherwise, for some
>>> serious weak signal work, the K1FO designs are quite commonly used.
>>> Directive Systems sell them...
>>> http://www.directivesystems.com/antenna4.htm
>>>
>>> Hope that helps!
>>>
>>> Scott
>>> N0EDV
>>
>>Now you tell me. I just ordered 2 beams from M-Square, one for 432 and
>>one
>>for 144. Wish I had the K1FO antennas as I had one for 432 and it worked
>>very well. I did not know anyone had picked up the K1FO design after he
>>became a SK.
>
> Important correction: Steve Powlishen, K1FO, is NOT an SK! (W9GB had it
> correct: the person who died was the co-developer W1EJ.)
>
> W9GB is also correct that they are excellent yagis, and have been
> published in several editions of the ARRL Handbook. The most extensive
> write-up is in the ARRL Microwave Experimenter's Handbook Volume 1.
>
>
Big mistake on my part. I was thinking of Rutland Arrays. The owner of
that company (small one man shop mostly) is the one that is a SK. He sold
the K1FO type antennas. He used to show up at the Shelby, NC hamfest and
that is where I bought the 432 antenna about 10 years ago . I really liked
the way it was made and it seemed to work very well. I have a handbook or
two that have the K1FO designs in them. Just don't have time or equipment
to put one together.

I may be wrong, but was thinking the M2 antennas were based on the K1FO
designs also. That was my reason for going with them.

918. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-16 23:20:28 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <0tUYg.44$xF1.2@tornado.texas.rr.com>
Source record: 50992
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

```
"an_old_friend" <konstans@hotmail.com> wrote in message
news:1161031387.179319.198490@m7g2000cwm.googlegroups.com...
>
> hot-ham-and-cheese@hotmail.com wrote:
>> an_old_friend wrote:
>> > hot-ham-and-cheese@hotmail.com wrote:
>> > > Jimmie D wrote:
>
>> > and of course none of the failure of hams to reamin hams is due to
>> > bullshit they must endure from other hams
>>
>> Of course not! Ham radio is a swell fellowship of men. What you see
>> on RRAP n't ham radio.
> realy it isn't that much different from what i encounters on air with a
> sad frequency
>

Well then Mark, do you think, just for a second, that possibly, just maybe,
that it could be YOU that brings out the best in everyone?
```

919. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 00:27:36 UTC
From: john <john@nospam.net>
Message-ID: <8q88j2ln62r807nlg78kqdqm7lkgl98v5l@4ax.com>
Source record: 50993
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

```
On 16 Oct 2006 16:12:35 -0700, "LenAnderson@ieee.org"
<LenAnderson@ieee.org> wrote:

>
>hot-ham-and-cheese@hotmail.com wrote:
>> Mark@kb9rqz.net wrote:
>> > On 15 Oct 2006 16:24:35 -0700, hot-ham-and-cheese@hotmail.com wrote:
>> > >LenAnderson@ieee.org wrote:
>> > >> From: hot-ham-and-che...@hotmail.com on Sat, Oct 14 2006 4:01 pm
>> > >> >Slow Code wrote:
>
>
>> > >> Blowcode is just another troll who has his head up his
>> > >> ass in regards to radio communications. That head just
>> > >> hasn't been aware of what happened in radio for a half
>> > >> century.
>> > >
>> > >With his head up his own ass, he wouldn't need to eat his own excrement
>> > >off of another man's genitals. Maybe Robesin can give us hit ake on
>> > >that.
>> >
>> > well BB it must a tight fit so I suspect he wait to he puls out for
>> > air
>>
>> We should hear a loud "pop."
>>
>> > >> The ITU didn't "just remove" anything. The ITU-R made
>> > >> the code test for an amateur license with below-30-MHz
>> > >> privileges OPTIONAL to each administration. In 2003.
>> > >> THREE years ago, not "just now." :-)
>> > >
>> > >Slow is, well, slow.
>>
>> > realy slwo but according to one of post another of Sock puppets "hey
>> > Stupid" so he is more honest the Robeson (which is truly damning with
>> > faint praise.
>>
>> He might be a former RRAPper. Can you guess which one?
>
> I'll go with Mark and say it is a current RRAPer...a pro-coder who
> is wrapped too tight...either Jimmie Noserve or that Waffen SS guy.

Does anybody know Slow Codes call? Thanks
```

920. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 00:35:46 UTC
From: Mark@kb9rqz.net
Message-ID: <ga98j2dbpdcitbhbfdrf6jk3ccorquh0ft@4ax.com>
Source record: 50994
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Mon, 16 Oct 2006 19:27:36 -0500, john <john@nospam.net> wrote:

>On 16 Oct 2006 16:12:35 -0700, "LenAnderson@ieee.org"
><LenAnderson@ieee.org> wrote:
>
>>
>>hot-ham-and-cheese@hotmail.com wrote:
>>> Mark@kb9rqz.net wrote:
>>> > On 15 Oct 2006 16:24:35 -0700, hot-ham-and-cheese@hotmail.com wrote:
>>> > >LenAnderson@ieee.org wrote:
>>> > >> From: hot-ham-and-che...@hotmail.com on Sat, Oct 14 2006 4:01 pm
>>> > >> >Slow Code wrote:
>>
>>
>>> > >> Blowcode is just another troll who has his head up his
>>> > >> ass in regards to radio communications. That head just
>>> > >> hasn't been aware of what happened in radio for a half
>>> > >> century.
>>> > >
>>> > >With his head up his own ass, he wouldn't need to eat his own excrement
>>> > >off of another man's genitals. Maybe Robesin can give us hit ake on
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>>> >
>>> > well BB it must a tight fit so I suspect he wait to he puls out for
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>>>
>>> We should hear a loud "pop."
>>>
>>> > >> The ITU didn't "just remove" anything. The ITU-R made
>>> > >> the code test for an amateur license with below-30-MHz
>>> > >> privileges OPTIONAL to each administration. In 2003.
>>> > >> THREE years ago, not "just now." :-)
>>> > >
>>> > >Slow is, well, slow.
>>>
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>>> > Stupid" so he is more honest the Robeson (which is truly damning with
>>> > faint praise.
>>>
>>> He might be a former RRAPper. Can you guess which one?
>>
>> I'll go with Mark and say it is a current RRAPer...a pro-coder who
>> is wrapped too tight...either Jimmie Noserve or that Waffen SS guy.

>
>
>Does anybody know Slow Codes call? Thanks
I doubt we will ever know for sure he too much of a coward
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

921. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 00:40:22 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <WDVYg.10340$Y24.5133@newsread4.news.pas.earthlink.net>
Source record: 50995
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Phil Wheeler <wt6uh-ng7@yahoo.com> wrote in
news:twtYg.2574$zy2.818@tornado.socal.rr.com:

> Slow Code wrote:
>> "Iitoi" <iitoi@earthlink.net> wrote in
>> news:ScaXg.7929$Y24.6296@newsread4.news.pas.earthlink.net:
>>
>>> 80M and 40M phone band expansion
>>>
>>> http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-149A1.doc
>>
>>
>> I don't know if we'll get Mad right away but it's clear the FCC and the
>> ARRL want to drive all good hams out of the service. Little by little
>> they'll take away the non-phone portions of the bands and hand it over
>> to the phone users.
>
> Nonsense. The CW bands are not exactly
> overcrowded (or have you been listening there).
>
> 73, Phil w7ox

You can thank the ITU and Nickle licenses for that.

SC

922. Re: Here the R&O-- FCC if interested.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 00:40:27 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <%DVYg.10343$Y24.1750@newsread4.news.pas.earthlink.net>
Source record: 50996
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Jim - NN7K <NN7K@NOWAY.NET> wrote in
news:rtBXg.13555$e66.13064@newssvr13.news.prodigy.com:

> To all radio amateurs
>
> SB QST ARL ARLB019
> ARLB019 FCC releases long-awaited ''Omnibus''
> Amateur Radio Report and Order
>
> Ending a protracted waiting period, the FCC's
> Report and Order in
> the so-called ''Omnibus'' Amateur Radio
> proceeding, WT Docket 04-140,
> was adopted October 4 and released October 10,
> 2006. In it, the FCC
> adopted nearly all of the proposed changes in the
> Notice of Proposed
> Rulemaking released back in 2004. The FCC has:
>
> + expanded the phone subbands in the 75 and 40
> meter bands;
>
> + permitted auxiliary stations to transmit on
> portions of the 2
> meter band;
>
> + permitted the use of spread spectrum on 222-225 MHz;
>
> + permitted amateurs to retransmit communications
> from the
> International Space Station;
>
> + permitted amateur licensees to designate a
> specific Amateur Radio
> club to receive their call sign in memoriam;
>
> + prohibited an applicant from filing more than
> one application for
> a specific vanity call sign;
>
> + eliminated certain restrictions on equipment
> manufacturers;
>

> + permitted Amateur Radio stations in Alaska and
> surrounding waters
> more flexibility in providing emergency
> communications;
>
> + clarified that ''amateur stations may, at all
> times and on all
> frequencies authorized to the control operator,
> make transmissions
> necessary to meet essential communication needs
> and to facilitate
> relief actions'';
>
> + deleted the frequency bands and segments
> specified for RACES
> stations;
>
> and
>
> + deleted the requirement for public announcement
> of test locations
> and times.
>
> In addition, the FCC took several other
> miscellaneous actions.
>
> In ''refarming'' the frequencies currently
> authorized to Novice and
> Technician Plus licensees, the Commission
> increased the voice
> segments for General, Advanced and Amateur Extra
> licensees.
>
> On 75 meters, Generals will be able to use voice
> from 3800-4000 kHz,
> an increase of 50 kHz. Advanced class licensees
> will be able to use
> voice from 3700-4000, an increase of 75 kHz, and
> Amateur Extras will
> be able to use voice from 3600 to 4000 kHz, a
> generous increase of
> 150 kHz.
>
> On 40 meters, Advanced and Extra Class licensees
> will be able to use
> voice from 7125-7300 kHz, an increase of 25 kHz.
> General class
> licensees will be able to use voice on 7175-7300
> kHz, an increase of
> 50 kHz.

>
> On 15 meters, General class operators will have
> phone privileges on
> 21275-21450 kHz, an increase of 25 kHz.
>
> ARRL President Joel Harrison, W5ZN, expressed the
> ARRL's gratitude
> to the FCC Commissioners in a letter dated October
> 11: ''On behalf of
> the ARRL and the Commission's licensees in the
> Amateur Radio Service
> I want to express appreciation for your release
> yesterday of the
> Report and Order in WT Docket 04-140 (FCC 06-149)
> amending Part 97
> of the Commission's Rules. The Commission's action
> in clearing this
> pending proceeding will assist the Amateur Radio
> Service in meeting
> its objectives, particularly with regard to
> providing emergency and
> public service communications.''
>
> The changes will go into effect 30 days after the
> R&O is published
> in the Federal Register.
> NNNN
> /EX

It friggen figures the president of the ARRL would say that. They're only interested in selling memberships, they're not interested in the quality of the radio amateur. Ham radio can be like CB for all they care.

SC

923. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 00:40:30 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <2EVYg.10346$Y24.4259@newsread4.news.pas.earthlink.net>
Source record: 50997
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Cecil Moore <mycall@hotmail.com> wrote in
news:4%BXg.22222$Ij.12681@newssvr14.news.prodigy.com:

> Slow Code wrote:
>> You sound like you would be the sort of person people see along side a
>> highway with a flat tire and no spare.
>
> Exactly what happens to all Harley riders by choice.
> Why are you so against freedom of choice? There's
> an article in Worldradio about how ham radio saved
> a guy's life. I guess FM saving someone's life doesn't
> count with you, huh?

I'm not against choice. They can choose to be a ham, or they can choose
to be a CB'er. What they have to decide is how bad do they want to be a
ham. I enjoy hams on the bands, if I didn't, I'd buy a CB.

SC

924. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 00:40:34 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <6EVYg.10347$Y24.4038@newsread4.news.pas.earthlink.net>
Source record: 50998
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Jimmie D" <jimmiedee@bellsouth.net> wrote in
news:4ZNYg.45999$tT6.14263@bignews7.bellsouth.net:

>
> <LenAnderson@ieee.org> wrote in message
> news:1158983174.967897.172510@m73g2000cwd.googlegroups.com...
>>
>> Opus- wrote:
>>> On Tue, 19 Sep 2006 08:19:27 -0400, jawod <jawod@fuse.net> spake
>>> thusly:
>>>
>>> >> Who the FUCK are YOU to make such a statement? You snot nosed,
>>> >> arrogant PRICK! You do NOT know the kind of person that I am!! Wake
>>> >> up and smell the cappuccino! Code is obsolete! Knowing code does
>>> >> NOTHING to make somebody an "asset to the service". And, could you
>>> >> explain what makes a person an "asset to the service"?
>>> >>
>>> >Jeez,
>>> >Chill out, eh?
>>>
>>> Sorry, but I get upset with people who make statements that are easily
>>> taken as personal insults.
>>
>> "Stuff happens."
>>
>> BTW, this "Jawod" signed a message on rec.radio.amateur.homebrew
>> as "AB8O." I found a blank on that call sign at QRZ.
>>
>>
>>> >Yes it's obsolete. Yes, it's fun.
>>>
>>> I found it to be cold and impersonal.
>>
>> I agree. Manual radiotelegraphy has NONE of the body language
>> or tone of voice or much of anything that is normal in everyday
>> person-to-person contacts. Using this monotonic form of
>> very early radio allows any user to be anything they want with
>> no real references to anything but the ability to send telegraphy.
>>
>>
>>> >Should it be used to qualify? Let the FCC decide (soon).
>>>
>>> Here in Canada, they already have. I believe the FCC will soon.

>>>
>>> >If it is eliminated, will that change the "Service"? Maybe.
>>>
>>> Probably not.
>>
>> Heh heh...if the test is eliminated the expressed outrage,
>> anguish, and horror will be a horrendous wail never to be
>> silenced until the last code key is pried from cold, dead
>> fingers! :-)
>>
>>
>>> >Will CW disappear? Probably not.
>>> >Historically, it defined ham radio, so it has a special place in the
>>> >hearts of very many hams. It's natural that they sort of cling to
>>> >it.
>>>
>>> Let them cling, they are free to do so.
>>
>> I'd say "clog" as in cholesterol clogging those "hearts."
>>
>> "Jawod" uses "many" AS IF it were quantitative. Not so much
>> in the USA now. The US Technician class licensees now
>> number about 49% of all, twice as large a number as the
>> General class. I doubt they want to hear such facts.
>>
>>
>>> >Will CW's elimination be the end of ham radio? Of course not.
>>> >Ham radio will cease when all the hams die off. New hams are needed,
>>> >with or without code.
>>>
>>> I totally agree.
>>
>> In the USA the number of newcomers is not able to keep pace
>> with the expirations of licensees. That trend has been evident
>> for more than a year. [see www.hamdata.com] The majority of
>> new licensees are Technician class. Novice class, the
>> supposed traditional "beginner" license has been expiring at a
>> steady rate for years before the US changes in 2000.
>>
>>
>>> >My personal hope is that a significant minority of these new hams
>>> >will take up CW and learn to enjoy this mode. It truly is a fun
>>> >mode. I hope people will WANT to learn it.
>>>
>>> I always found it to be boring.
>>
>> "Jawod" and other morsemen think that all will "like" what they
>> like. They really don't understand what other citizens want.
>>
>>

>>> >Compulsory things are seldom welcome,,,some are necessary. Is CW a
>>> >good requirement for ham radio? I guess it has probably outlived its
>>> >day.
>>> >
>>> >A requirement related to other digital modes would make a good
>>> >replacement. True?
>>>
>>> I completely agree. If you want to filter out the less serious, then
>>> use a relevant method. Here in Canada, in order to get a no-code
>>> licence, you must get at least 80% on the technical. And technical
>>> prowess will always be important regardless of the mode of
>>> communication.
>>
>> That sounds fair. In general I've approved what Industry Canada
>> does on communications regulations...a bit more than what the
>> FCC does for US civil radio services.
>>
>> LenAnderson@ieee.org
>>
>
> Im sure the numbers would look even wose if the licenses expired sooner.
> Most of the new hams I know lose interest in a couple of years, long
> befor the licence expires.

That's what happens when something gets dumbed down. It cheapens it, and
people find no value in maintaining or continuing with it.

SC

925. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 00:40:35 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <7EVYg.10348$Y24.2842@newsread4.news.pas.earthlink.net>
Source record: 50999
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

hot-ham-and-cheese@hotmail.com wrote in
news:1161028898.573069.307150@e3g2000cwe.googlegroups.com:

>
> an_old_friend wrote:
>> hot-ham-and-cheese@hotmail.com wrote:
>> > Jimmie D wrote:
>> > >
>> > > Im sure the numbers would look even wose if the licenses expired
>> > > sooner. Most of the new hams I know lose interest in a couple of
>> > > years, long befor the licence expires.
>> >
>> > Those darned new hams. They never should have been licensured in the
>> > first place. Didn't have the ooomph to get licensed when the tests
>> > were harder so they weren't really that innerested in the first
>> > place. Didn't show the proper dedication.
>>
>> and of course none of the failure of hams to reamin hams is due to
>> bullshit they must endure from other hams
>
> Of course not! Ham radio is a swell fellowship of men. What you see
> on RRAP n't ham radio.

But if you and Markie ever get full HF privledges, God & Hiram Help us.

SC

926. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 00:40:38 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <aEVYg.10350$Y24.4231@newsread4.news.pas.earthlink.net>
Source record: 51000
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

hot-ham-and-cheese@hotmail.com wrote in
news:1160866901.027928.221130@i42g2000cwa.googlegroups.com:

>
> Slow Code wrote:
>> If an amateur had to relay a through a country and the amateurs didn't
>> know each other language they still could have passed it by CW and the
>> message could have been delivered to someone that could read it. Not no
>> more.
>
> What can be passed by CW that cannot be passed by voice???
>
> Adhere to the ICAO's phonetic alphabet, and there need be no
> bi-lingualism nor a CW requirement.
>
>> When things start failing communication wise worldwide, amateur radio
>> might be all there is to relay messages, and the ITU just removed one
>> of the legs of a three leg stool.
>
> Dear Slow, air traffic controllers don't use Morris Code, and they
> communicate with foreign speakers JUST FINE!

Right. Pilots and ATC have to pass tests too. Do you think it would
be good if their tests were dumbed down?

SC

927. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 00:40:39 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <bEVYg.10351$Y24.10181@newsread4.news.pas.earthlink.net>
Source record: 51001
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

"LenAnderson@ieee.org" <LenAnderson@ieee.org> wrote in
news:1161040355.357240.163210@k70g2000cwa.googlegroups.com:

>
> hot-ham-and-cheese@hotmail.com wrote:
>> Mark@kb9rqz.net wrote:
>> > On 15 Oct 2006 16:24:35 -0700, hot-ham-and-cheese@hotmail.com wrote:
>> > >LenAnderson@ieee.org wrote:
>> > >> From: hot-ham-and-che...@hotmail.com on Sat, Oct 14 2006 4:01 pm
>> > >> >Slow Code wrote:
>
>
>> > >> Blowcode is just another troll who has his head up his
>> > >> ass in regards to radio communications. That head just
>> > >> hasn't been aware of what happened in radio for a half
>> > >> century.
>> > >
>> > >With his head up his own ass, he wouldn't need to eat his own
>> > >excrement off of another man's genitals. Maybe Robesin can give us
>> > >hit ake on that.
>> >
>> > well BB it must a tight fit so I suspect he wait to he puls out for
>> > air
>>
>> We should hear a loud "pop."
>>
>> > >> The ITU didn't "just remove" anything. The ITU-R made
>> > >> the code test for an amateur license with below-30-MHz
>> > >> privileges OPTIONAL to each administration. In 2003.
>> > >> THREE years ago, not "just now." :-)
>> > >
>> > >Slow is, well, slow.
>>
>> > realy slwo but according to one of post another of Sock puppets "hey
>> > Stupid" so he is more honest the Robeson (which is truly damning with
>> > faint praise.
>>
>> He might be a former RRAPper. Can you guess which one?
>
> I'll go with Mark and say it is a current RRAPer...a pro-coder who
> is wrapped too tight...either Jimmie Noserve or that Waffen SS guy.

And you haven't changed a bit either Len. You should be taking part in
the more technical groups and not arguing policy with pro-coders, or are

you hoping to be the second No-Code Extra after Markie?

SC

928. Re: It's amazing what people will say to try to justify dumbing down Amateur Radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 00:40:41 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <dEVYg.10352$Y24.1480@newsread4.news.pas.earthlink.net>
Source record: 51002
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

```
Opus- <jbuchy@shaw.ca> wrote in
news:lqsti29qnfqt7cmsorhgmcjd5c1757hoq7@4ax.com:

> On Fri, 13 Oct 2006 00:18:15 GMT, Slow Code <my.mail@no.spam> spake
> thusly:
>
>>Opus- <jbuchy@shaw.ca> wrote in
>>news:b49ri2tjro2up3okv064v9k07nvoffed67@4ax.com:
>>
>>> On Thu, 12 Oct 2006 01:01:03 GMT, Slow Code <my.mail@no.spam> spake
>>> thusly:
>>>
>>>>Opus- <jbuchy@shaw.ca> wrote in
>>>>news:d4soi25f9fp1kg65l51m713abij9h7kpsa@4ax.com:
>>>>
>>>> On Wed, 11 Oct 2006 00:44:42 GMT, Slow Code <my.mail@no.spam> spake
>>>> thusly:
>>>>
>>>>>Opus- <jbuchy@shaw.ca> wrote in
>>>>>news:iovli2lg2oiscbvcg0ej0eq723cpithf94@4ax.com:
>>>>>
>>>>> On Tue, 10 Oct 2006 01:08:42 GMT, Slow Code <my.mail@no.spam>
>>>>> spake thusly:
>>>>>
>>>>>>k4yz_05@yahoo.com wrote in
>>>>>>news:1160392657.932021.251780@m7g2000cwm.googlegroups.com:
>>>>>>
>>>>>>> Cecil Moore wrote:
>>>>>>>> Slow Code wrote:
>>>>>>>>> It's funny, and most telling. The no-code hams have
>>>>>>>>> everything over 30 MHz, but it's the code hams that are the
>>>>>>>>> one's moving ham radio forward and doing anything technical
>>>>>>>>> wise.
>>>>>>>>
>>>>>>>> If that's true, it's certainly a change from half a
>>>>>>>> century ago when we HF hams observed the VHF/UHF
>>>>>>>> hams revolutionizing amateur radio with their
>>>>>>>> technical expertise.
>>>>>>>
>>>>>>> Uhhhhhhhh...Cecil...??!?!
>>>>>>>
```

>>>>>>>>> Did you actually make that up, or just quote someone else
>>>>>>>>> who is
>>>>>>>>> equally ill informed?
>>>>>>>>>
>>>>>>>>> Most of the people who were "moving forward" half a century
>>>>>>>>> ago
>>>>>>>>> were ALSO folks who were active on and well known in HF
>>>>>>>>> circles...
>>>>>>>>>
>>>>>>>>> Unless, of course, you're now going to take Lennie's spin
>>>>>>>>> and tell
>>>>>>>>> us that any / everything reported in QST, CQ, etc, was only
>>>>>>>>> "self-serviing rhetoric"...?!?!
>>>>>>>>>
>>>>>>>>> Try again.
>>>>>>>>>
>>>>>>>>> Steve, K4YZ
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>Anyone that puts out an argument to keep the code requirement gets
>>>>>>>>>teased by Cecil. He loves to throw out some goof-ball counter
>>>>>>>>>reply to try to be-little the original argument.
>>>>>>>>
>>>>>>>> Pot, meet kettle.
>>>>>>
>>>>>>
>>>>>>No. All my arguments are good sound arguments.
>>>>>
>>>>> Oh PuhlEEEZE!!! Spelling Canada with a "K" is a good sound argument?
>>>>> Calling me a "lazy ass" is a good sound argument? Claiming I get a
>>>>> handout is a good sound argument?
>>>>>
>>>>> You have NEVER put out ANY kind of argument at all!!! Why don't you
>>>>> try to cite some source that back up any of your "good sound
>>>>> arguments".
>>>>>
>>>>> Free hint: Hurling insults and innuendo does NOT a "good sound
>>>>> argument" make.
>>>>>
>>>>> Hope this helps.
>>>>
>>>>
>>>>
>>>>I'm sorry Opus, but I refuse to lie. You did get a hand-out, and
>>>>you're Lazy because you refuse to learn CW to 20wpm, and too lazy to
>>>>to use it. You don't want to be a good capable communicator in every
>>>>way. That's just how it is. I'm sorry if the truth seems like an
>>>>insult. You're right about one thing, I spelled Kanada wrong, I meant
>>>>to type KKKanaduh. Eh.
>>>

>>> Tell me right now what "handout" I have received. Back up your "good
>>> sound arguments" or forever be a PROVEN liar!
>>
>>
>>KKKanadian licenses are all hand-outs now, just like your health care
>>system, but that's not your fault and I don't blame you for it. Still,
>>if you want to be a real ham you might want to get your code speed up so
>>you can communicate with other real hams. We'd love communicating with
>>ya.
>
> Your blunt refusal to back up anything you claim simply proves to the
> world what kind of loser you are. Can you deduct your mortgage
> interest from your income tax? You can? Nice handout because I can't.
>
> Welcome to the killfile, you pathetic little turd, along with the rest
> of the little trolls hiding under bridges.

He's upset because he knows CW makes a real ham, and he can't cut it.
That's OK, I encouraged him to try to learn CW while I could before I
ended up in the killfile.

NEXT!

SC

929. Re: It's amazing what people will say to try to justify dumbing down Amateur Radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 00:40:43 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <fEVYg.10353$Y24.1373@newsread4.news.pas.earthlink.net>
Source record: 51003
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

N2EY@AOL.COM wrote in
news:1160705194.947777.295270@h48g2000cwc.googlegroups.com:

> Opus- wrote:
>> On Thu, 12 Oct 2006 01:01:03 GMT, Slow Code <my.mail@no.spam> spake
>> thusly:
>> >Opus- <jbuchy@shaw.ca> wrote in
>> >news:d4soi25f9fp1kg65l51m713abij9h7kpsa@4ax.com:
>> >> On Wed, 11 Oct 2006 00:44:42 GMT, Slow Code <my.mail@no.spam> spake
>> >> thusly:
>> >>>Opus- <jbuchy@shaw.ca> wrote in
>> >>>news:iovli2lg2oiscbvcg0ej0eq723cpithf94@4ax.com:
>> >>>
>> >>>> On Tue, 10 Oct 2006 01:08:42 GMT, Slow Code <my.mail@no.spam>
>> >>>> spake thusly:
>> >>>>
>> >>>>>k4yz_05@yahoo.com wrote in
>> >>>>>news:1160392657.932021.251780@m7g2000cwm.googlegroups.com:
>
>> >>>>>> Cecil Moore wrote:
>> >>>>>>> Slow Code wrote:
>> >>>>>>> > It's funny, and most telling. The no-code hams have
>> >>>>>>> > everything over 30 MHz, but it's the code hams that are the
>> >>>>>>> > one's moving ham radio forward and doing anything technical
>> >>>>>>> > wise.
>
>> >>>>>>> If that's true, it's certainly a change from half a
>> >>>>>>> century ago when we HF hams observed the VHF/UHF
>> >>>>>>> hams revolutionizing amateur radio with their
>> >>>>>>> technical expertise.
>> >>>>>>
>> >>>>>> Uhhhhhhhh...Cecil...??!?!
>> >>>>>>
>> >>>>>> Did you actually make that up, or just quote someone else
>> >>>>>> who is
>> >>>>>> equally ill informed?
>> >>>>>>
>> >>>>>> Most of the people who were "moving forward" half a century
>> >>>>>> ago
>> >>>>>> were ALSO folks who were active on and well known in HF
>> >>>>>> circles...
>> >>>>>>

>> >>>>>> Unless, of course, you're now going to take Lennie's spin
>> >>>>>> and tell
>> >>>>>> us that any / everything reported in QST, CQ, etc, was only
>> >>>>>> "self-serviing rhetoric"...?!?!
>> >>>>>>
>> >>>>>> Try again.
>> >>>>>>
>> >>>>>> Steve, K4YZ
>> >>>>>
>> >>>>>
>> >>>>>Anyone that puts out an argument to keep the code requirement gets
>> >>>>>teased by Cecil. He loves to throw out some goof-ball counter
>> >>>>>reply to try to be-little the original argument.
>> >>>>
>> >>>> Pot, meet kettle.
>> >>>
>> >>>
>> >>>No. All my arguments are good sound arguments.
>> >>
>> >> Oh PuhlEEEZE!!! Spelling Canada with a "K" is a good sound argument?
>> >> Calling me a "lazy ass" is a good sound argument? Claiming I get a
>> >> handout is a good sound argument?
>> >>
>> >> You have NEVER put out ANY kind of argument at all!!! Why don't you
>> >> try to cite some source that back up any of your "good sound
>> >> arguments".
>> >>
>> >> Free hint: Hurling insults and innuendo does NOT a "good sound
>> >> argument" make.
>> >>
>> >> Hope this helps.
> >
>> >I'm sorry Opus, but I refuse to lie. You did get a hand-out, and
>> >you're Lazy because you refuse to learn CW to 20wpm, and too lazy to
>> >to use it.
>
> "Slow Code" does not know what code speed "Opus" can do. He simply
> *assumes*.
>
> Note that we do not know "Slow Code's" code speed, either.
>
>> >You don't want to be a good capable communicator in every way. That's
>> >just how it is. I'm sorry if the truth seems like an insult. You're
>> >right about one thing, I spelled Kanada wrong, I meant to type
>> >KKKanaduh. Eh.
>
> Xenophobic attack rather than reasoned argument.
>
>> Tell me right now what "handout" I have received. Back up your "good
>> sound arguments" or forever be a PROVEN liar!

>>
>> You have lied and have been caught. You can't wiggle out of it.
>>
>> Once again..you are a proven liar and a fool.
>>
>> You are a disgrace to the amateur radio community.
>
> Opus, you are making a simple but common logical mistake: You are
> taking "Slow Code" seriously.

He's upset because he knows CW helps makes a real communicator, and he can't cut it. That's OK, I encouraged him to try to learn CW while I could before I ended up in the killfile.

SC

930. Re: New FCC Rules

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 00:40:48 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <kEVYg.10357$Y24.4085@newsread4.news.pas.earthlink.net>
Source record: 51004
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Ron <wa0kds@yahoo.com> wrote in news:4532A74F.10805@yahoo.com:

> This needed to be down years ago. Good to see the ARRL and the FCC are
> listening to the active Amateurs and doing what the majority want.
>
> Interesting to know that Phone operators are appliance operators and CW
> operators are not. I guess the CW operators are all using Homebrew
> equipment and if not then I hope at least that every one of them that
> own a Yaesu FT-1000MP / D have done the CW modification and did it them
> selves without senting it to a repair place ?

Anyone that made or is making an effort to be able to copy CW at 20 WPM, isn't going to have a problem having fun releasing a little solder smoke building things. The old 20 wpm extras seem to me to get more out of being a radio amateur than these latter day no-codes and nickle hams. Maybe that is why we see people getting licensed and they leave the service before their license even expires.

Getting a license and then leaving, that's not how it should be.

SC

931. Re: New FCC Rules

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 00:40:49 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <lEVYg.10358$Y24.6817@newsread4.news.pas.earthlink.net>
Source record: 51005
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

john <john@nospam.net> wrote in
news:t0q6j2tkekdb8lgag4a9pq9f0cjg21ucjk@4ax.com:

> On 16 Oct 2006 00:21:58 -0700, "an_old_friend" <konstans@hotmail.com>
> wrote:
>
>>
>>Ron wrote:
>>> This needed to be down years ago. Good to see the ARRL and the FCC
>>> are listening to the active Amateurs and doing what the majority want.
>>>
>>> Interesting to know that Phone operators are appliance operators and
>>> CW operators are not. I guess the CW operators are all using Homebrew
>>> equipment and if not then I hope at least that every one of them that
>>> own a Yaesu FT-1000MP / D have done the CW modification and did it
>>> them selves without senting it to a repair place ?
>>
>>the CW ops don't even need radios to get through remeber CW knowledge
>>is all you need not even radios according to some of Slow Codes posts
>
> Where is Slow Code? Haven't seen any posts from him all weekend. Maybe
> he is busy working at Buger King.

Yah, ready to eat? I got your whopper hang'en.

SC

932. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 00:40:54 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <qEVYg.10360$Y24.4477@newsread4.news.pas.earthlink.net>
Source record: 51006
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Papa Dog <papadogbg@yahoo.com> wrote in
news:MPG.1f9b72ea52e3e77f989a42@news-server.carolina.rr.com:

> Passed my Tech Exam today. Only missed one question.

No, You missed another ten questions, the CW questions, but since the
Tech license is dumbed down you weren't tested on them.

Don't know which HT to recommend, but a lot of No-codes like the
Cobra 148GTL for HF.

SC

933. Re: What is the ARRL's thought on having good amateurs?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 00:41:10 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <GEVYg.10364$Y24.7542@newsread4.news.pas.earthlink.net>
Source record: 51007
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

bob_deep@yahoo.com wrote in
news:1160449999.364794.193450@m7g2000cwm.googlegroups.com:

>
> Slow Code wrote:
>> It seems to me they want to eliminate all testing.
>>
>> That's what happens when no-codes and nickle hams start running
>> things. Or is that ruining things?
>>
>
> Naw, ARRL isn't trying to do that. I haven't seen anything in their
> current goals that would lead me to believe that they are trying to
> send the rest of our spectrum the way of 11 meters. I may be wrong, but
> I don't think the FCC would do that again (if any of the current
> commissioners are students of FCC history that is) even if the ARRL
> suggested it.
>
> The numbers of Hams out there and how it's been dropping though the
> more recent years is an alarming trend. With the age of the average ham
> creeping higher, this hobby is set to all but die out in the USA within
> a generation unless something changes.
>
> Surely you see the problem that the ARRL is trying to address. You may
> not agree with their suggested solutions, but you'd have to agree that
> we have a problem. Right?
>
> -= Bob =-

ARRL is willing to let the problem get worse by not supporting policy that
will improve or at least maintain the quality of individuals getting
licensed. Maybe they don't care if hams are like CB'ers as long as the
memberships keep rolling in.

Can you say: Breaker Breaker 19? That's where we're headed.

It's started going down hill about the mid-eighties and the ARRL pushed to
make it go down hill faster. That crash at the bottom ain't gonna look
pretty... or sound pretty.

SC

934. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 00:43:35 UTC
From: Mark@kb9rqz.net
Message-ID: <nn98j21bj9es1ip369oubdh7rddkn1dbm5@4ax.com>
Source record: 51008
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Tue, 17 Oct 2006 00:40:35 GMT, Slow Code <my.mail@no.spam> wrote:

>hot-ham-and-cheese@hotmail.com wrote in
>news:1161028898.573069.307150@e3g2000cwe.googlegroups.com:
>
>>
>> an_old_friend wrote:
>>> hot-ham-and-cheese@hotmail.com wrote:
>>> > Jimmie D wrote:
>>> > >
>>> > > Im sure the numbers would look even wose if the licenses expired
>>> > > sooner. Most of the new hams I know lose interest in a couple of
>>> > > years, long befor the licence expires.
>>> >
>>> > Those darned new hams. They never should have been licensured in the
>>> > first place. Didn't have the ooomph to get licensed when the tests
>>> > were harder so they weren't really that innerested in the first
>>> > place. Didn't show the proper dedication.
>>>
>>> and of course none of the failure of hams to reamin hams is due to
>>> bullshit they must endure from other hams
>>
>> Of course not! Ham radio is a swell fellowship of men. What you see
>> on RRAP n't ham radio.
>
>
>But if you and Markie ever get full HF privledges, God & Hiram Help us.
>
>SC
BB areadly does I believe (can't recal his full call or Id look it up
for you

as to myself I can easily state I am a better ham than you are and
have a better staion likely even for HF sc
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

935. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 00:45:08 UTC
From: Mark@kb9rqz.net
Message-ID: <qr98j21ku4ch05e6qhjpdbu6e28asv0m15@4ax.com>
Source record: 51009
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Tue, 17 Oct 2006 00:40:34 GMT, Slow Code <my.mail@no.spam> wrote:

>"Jimmie D" <jimmiedee@bellsouth.net> wrote in
>news:4ZNYg.45999$tT6.14263@bignews7.bellsouth.net:

>>
>> Im sure the numbers would look even wose if the licenses expired sooner.
>> Most of the new hams I know lose interest in a couple of years, long
>> befor the licence expires.
>
>
>That's what happens when something gets dumbed down. It cheapens it, and
>people find no value in maintaining or continuing with it.
>
when are you turing in your licnse SC
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

936. Re: Is a contact with a no-code ham a real QSO?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 00:46:01 UTC
From: Mark@kb9rqz.net
Message-ID: <lt98j2dqlc33tebvmjd1ns9915pojr0kri@4ax.com>
Source record: 51010
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Tue, 17 Oct 2006 00:40:30 GMT, Slow Code <my.mail@no.spam> wrote:

>Cecil Moore <mycall@hotmail.com> wrote in
>news:4%BXg.22222$Ij.12681@newssvr14.news.prodigy.com:
>
>> Slow Code wrote:
>>> You sound like you would be the sort of person people see along side a
>>> highway with a flat tire and no spare.
>>
>> Exactly what happens to all Harley riders by choice.
>> Why are you so against freedom of choice? There's
>> an article in Worldradio about how ham radio saved
>> a guy's life. I guess FM saving someone's life doesn't
>> count with you, huh?
>
>
>
>I'm not against choice. They can choose to be a ham, or they can choose
>to be a CB'er. What they have to decide is how bad do they want to be a
>ham. I enjoy hams on the bands, if I didn't, I'd buy a CB.

f;lalse choice SC

stop lying
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

937. Re: It's amazing what people will say to try to justify dumbing down Amateur Radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 00:47:24 UTC
From: Mark@kb9rqz.net
Message-ID: <bv98j2hv5gloshd0gkcq4nfnsn1m5shtgl@4ax.com>
Source record: 51011
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Tue, 17 Oct 2006 00:40:41 GMT, Slow Code <my.mail@no.spam> wrote:

>Opus- <jbuchy@shaw.ca> wrote in
>news:lqsti29qnfqt7cmsorhgmcjd5c1757hoq7@4ax.com:
>
>> On Fri, 13 Oct 2006 00:18:15 GMT, Slow Code <my.mail@no.spam> spake
>> thusly:
>>

>> Welcome to the killfile, you pathetic little turd, along with the rest
>> of the little trolls hiding under bridges.
>
>
>
>He's upset because he knows CW makes a real ham,
stop lying sc
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

938. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 00:48:03 UTC
From: Mark@kb9rqz.net
Message-ID: <41a8j2ptlru44oggst8ol0p3fufaq867jn@4ax.com>
Source record: 51012
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Tue, 17 Oct 2006 00:40:39 GMT, Slow Code <my.mail@no.spam> wrote:

>"LenAnderson@ieee.org" <LenAnderson@ieee.org> wrote in
>news:1161040355.357240.163210@k70g2000cwa.googlegroups.com:
>
>>
>> hot-ham-and-cheese@hotmail.com wrote:
>>> Mark@kb9rqz.net wrote:

>> I'll go with Mark and say it is a current RRAPer...a pro-coder who
>> is wrapped too tight...either Jimmie Noserve or that Waffen SS guy.
>
>
>
>And you haven't changed a bit either Len. You should be taking part in
>the more technical groups and not arguing policy with pro-coders, or are
>you hoping to be the second No-Code Extra after Markie?
that is his choice sc
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

939. Re: It's amazing what people will say to try to justify dumbing down Amateur Radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 00:49:55 UTC
From: Mark@kb9rqz.net
Message-ID: <m3a8j2tucls01ec5fpbnc8mhodlhobe7oo@4ax.com>
Source record: 51014
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Tue, 17 Oct 2006 00:40:43 GMT, Slow Code <my.mail@no.spam> wrote:

>N2EY@AOL.COM wrote in
>news:1160705194.947777.295270@h48g2000cwc.googlegroups.com:
>

>> Opus, you are making a simple but common logical mistake: You are
>> taking "Slow Code" seriously.
>
>
>He's upset because he knows CW helps makes a real communicator,
stop lying
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

940. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 00:50:24 UTC
From: Mark@kb9rqz.net
Message-ID: <r5a8j2du1rks8rv2tfc75sj9ogveft38bj@4ax.com>
Source record: 51013
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Tue, 17 Oct 2006 00:40:38 GMT, Slow Code <my.mail@no.spam> wrote:

>hot-ham-and-cheese@hotmail.com wrote in
>news:1160866901.027928.221130@i42g2000cwa.googlegroups.com:
>
>>
>> Slow Code wrote:
>>> If an amateur had to relay a through a country and the amateurs didn't

>> Dear Slow, air traffic controllers don't use Morris Code, and they
>> communicate with foreign speakers JUST FINE!
>
>
>Right. Pilots and ATC have to pass tests too. Do you think it would
>be good if their tests were dumbed down?
nobody but you and the procoder wants dumb tests
>
>SC
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

941. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 00:51:15 UTC
From: Mark@kb9rqz.net
Message-ID: <f7a8j2t9igumhcl4ctd045q9km2vfv1rp8@4ax.com>
Source record: 51015
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Tue, 17 Oct 2006 00:40:22 GMT, Slow Code <my.mail@no.spam> wrote:

>Phil Wheeler <wt6uh-ng7@yahoo.com> wrote in
>news:twtYg.2574$zy2.818@tornado.socal.rr.com:
>
>> Slow Code wrote:
>>> "Iitoi" <iitoi@earthlink.net> wrote in
>>> news:ScaXg.7929$Y24.6296@newsread4.news.pas.earthlink.net:
>>>
>>>> 80M and 40M phone band expansion
>>>>
>>>> http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-149A1.doc
>>>
>>>
>>> I don't know if we'll get Mad right away but it's clear the FCC and the
>>> ARRL want to drive all good hams out of the service. Little by little
>>> they'll take away the non-phone portions of the bands and hand it over
>>> to the phone users.
>>
>> Nonsense. The CW bands are not exactly
>> overcrowded (or have you been listening there).
>>
>> 73, Phil w7ox
>
>
>You can thank the ITU and Nickle licenses for that.
how do you figure that

or are you thinking at all
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

942. Re: Here the R&O-- FCC if interested.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 00:54:33 UTC
From: Mark@kb9rqz.net
Message-ID: <cda8j2depapisss2qkaptihlh1air0fate@4ax.com>
Source record: 51016
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Tue, 17 Oct 2006 00:40:27 GMT, Slow Code <my.mail@no.spam> wrote:

>Jim - NN7K <NN7K@NOWAY.NET> wrote in
>news:rtBXg.13555$e66.13064@newssvr13.news.prodigy.com:
>

>
>It friggen figures the president of the ARRL would say that. They're only
>interested in selling memberships, they're not interested in the quality of
>the radio amateur. Ham radio can be like CB for all they care.
you are the interesting in KILLING off the ars
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

943. Re: What is the ARRL's thought on having good amateurs?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 00:59:02 UTC
From: Mark@kb9rqz.net
Message-ID: <1ma8j2dhd87aur0j900166d361crfdn4eu@4ax.com>
Source record: 51017
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

On Tue, 17 Oct 2006 00:41:10 GMT, Slow Code <my.mail@no.spam> wrote:

>bob_deep@yahoo.com wrote in
>news:1160449999.364794.193450@m7g2000cwm.googlegroups.com:
>
>>
>> Slow Code wrote:
>>> It seems to me they want to eliminate all testing.

>Can you say: Breaker Breaker 19? That's where we're headed.
>

clean up the ars turn in your license
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

944. clean up the ars turn in your license

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 00:59:33 UTC
From: Mark@kb9rqz.net
Message-ID: <ana8j29k4ftmqcf79i68a5r5ko2202q740@4ax.com>
Source record: 51018
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Tue, 17 Oct 2006 00:40:49 GMT, Slow Code <my.mail@no.spam> wrote:

>john <john@nospam.net> wrote in
>news:t0q6j2tkekdb8lgag4a9pq9f0cjg21ucjk@4ax.com:
>
>> On 16 Oct 2006 00:21:58 -0700, "an_old_friend" <konstans@hotmail.com>
>> wrote:
>>
>>>
>>>Ron wrote:
>>>> This needed to be down years ago. Good to see the ARRL and the FCC
>>>> are listening to the active Amateurs and doing what the majority want.
>>>>
>>>> Interesting to know that Phone operators are appliance operators and
>>>> CW operators are not. I guess the CW operators are all using Homebrew
>>>> equipment and if not then I hope at least that every one of them that
>>>> own a Yaesu FT-1000MP / D have done the CW modification and did it
>>>> them selves without senting it to a repair place ?
>>>
>>>the CW ops don't even need radios to get through remeber CW knowledge
>>>is all you need not even radios according to some of Slow Codes posts
>>
>> Where is Slow Code? Haven't seen any posts from him all weekend. Maybe
>> he is busy working at Buger King.
>
>
>Yah, ready to eat? I got your whopper hang'en.
clean up the ars turn in your license
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

945. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 01:04:28 UTC
From: Mark@kb9rqz.net
Message-ID: <a0b8j29vv8aeg19edi5rm60gua90qnoahc@4ax.com>
Source record: 51019
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Tue, 17 Oct 2006 00:40:54 GMT, Slow Code <my.mail@no.spam> wrote:

>Papa Dog <papadogbg@yahoo.com> wrote in
>news:MPG.1f9b72ea52e3e77f989a42@news-server.carolina.rr.com:
>
>> Passed my Tech Exam today. Only missed one question.
>
>
>No, You missed another ten questions, the CW questions, but since the
>Tech license is dumbed down you weren't tested on them.
>
>Don't know which HT to recommend, but a lot of No-codes like the
>Cobra 148GTL for HF.
stop SC you are ba dham go reform yourself

clean up the ars turn in your license
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

946. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 01:07:27 UTC
From: Papa Dog <papadogbg@yahoo.com>
Message-ID: <MPG.1f9df6c6ce462e30989a43@news-server.carolina.rr.com>
Source record: 51020
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

In article <qEVYg.10360$Y24.4477@newsread4.news.pas.earthlink.net>,
my.mail@no.spam says...
> Papa Dog <papadogbg@yahoo.com> wrote in
> news:MPG.1f9b72ea52e3e77f989a42@news-server.carolina.rr.com:
>
> > Passed my Tech Exam today. Only missed one question.
>
>
> No, You missed another ten questions,

No I didn't take the code test. You're absolutely no help. You just
try and stir the pot. If you have so much knowledge why don't you share
it with the group instead of just causing trouble.

> the CW questions, but since the
> Tech license is dumbed down you weren't tested on them.

I took the test the government of my country prescribed I take. If you
don't like it call the FCC. I've long since tired of your whining.
>
> Don't know which HT to recommend,

I thought you knew everything there is to know about Ham radio. I
thought you were the upmost authority on everything.

> but a lot of No-codes like the
> Cobra 148GTL for HF.

Sounds like you know from experience. Now we know who the CB expert is
on the group.
>
> SC
>

73

Chris

947. Re: New FCC Rules

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 01:14:41 UTC
From: Papa Dog <papadogbg@yahoo.com>
Message-ID: <MPG.1f9df88fc5fc2106989a46@news-server.carolina.rr.com>
Source record: 51021
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

In article <igm7j2dtbfooo3ckggqt6s6rb8u6tp3kgr@4ax.com>, john@nospam.net
says...
> On Mon, 16 Oct 2006 12:28:49 -0400, Mark@kb9rqz.net wrote:
>
> >On Mon, 16 Oct 2006 06:10:21 -0500, john <john@nospam.net> wrote:
> >
> >>On 16 Oct 2006 00:21:58 -0700, "an_old_friend" <konstans@hotmail.com>
> >>wrote:
> >>
> >>>
> >>>Ron wrote:
> >>>> This needed to be down years ago. Good to see the ARRL and the FCC are
> >>>> listening to the active Amateurs and doing what the majority want.
> >>>>
> >>>> Interesting to know that Phone operators are appliance operators and CW
> >>>> operators are not. I guess the CW operators are all using Homebrew
> >>>> equipment and if not then I hope at least that every one of them that
> >>>> own a Yaesu FT-1000MP / D have done the CW modification and did it them
> >>>> selves without senting it to a repair place ?
> >>>
> >>>the CW ops don't even need radios to get through remeber CW knowledge
> >>>is all you need not even radios according to some of Slow Codes posts
> >>>
> >>>Where is Slow Code? Haven't seen any posts from him all weekend. Maybe
> >>>he is busy working at Buger King.
> >I suspect he is arround posting under yet another nick
> >http://kb9rqz.blogspot.com/
>
> Do you know his call sign?
>
>
Are you sure he has one? If he did I would suspect it has been revoked.

73

Chris

948. Re: Radials -- the same length or not???

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 01:14:55 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <p8WYg.124$tT6.98@newsfe12.lga>
Source record: 51022

What? Haven't got a buck?
Check out www.TeslaRadio.org
we got some 200 acres of salty marshy QTH with two story building and 40 rhombics for a $1. We are looking for extra hands and brains to help with restoration and operating.
I just put some more pictures and partial drawing of antenna farm (under location -maps - site survey).

73 Yuri, K3BU.us

"Hank Zoeller" <bogusaddress@dontbothernotvalid.com> wrote in message news:4532fab7$0$1805$c3e8da3@news.astraweb.com...
> Yuri Blanarovich wrote:
>> Simple rule for (non resonant) radials in or on the ground:
>> 1. Mo' - da better
>> 2. Longer the better.
>> 3. Better to use (insulated) wire on the surface than buried. Just
>> stretch it out and let the grass grow over.
>> 4. Water before contest or major DX hunting.
>> 5. Forget the above and set it up on the salty beach.
>
> All good advice. Well, except for #5. Can't afford beachfront property!
> --
> 73,
> HZ

949. Re: New FCC Rules

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 01:16:15 UTC
From: Mark@kb9rqz.net
Message-ID: <klb8j2954rd45r8umjqmmuh7nd02siaasr@4ax.com>
Source record: 51023
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Tue, 17 Oct 2006 01:14:41 GMT, Papa Dog <papadogbg@yahoo.com>
wrote:

>In article <igm7j2dtbfooo3ckggqt6s6rb8u6tp3kgr@4ax.com>, john@nospam.net
>says...
>> On Mon, 16 Oct 2006 12:28:49 -0400, Mark@kb9rqz.net wrote:
>>
>> >On Mon, 16 Oct 2006 06:10:21 -0500, john <john@nospam.net> wrote:
>> >
>> >>On 16 Oct 2006 00:21:58 -0700, "an_old_friend" <konstans@hotmail.com>
>> >>wrote:
>> >>
>> >>>
>> >>>Ron wrote:
>> >>>> This needed to be down years ago. Good to see the ARRL and the FCC are
>> >>>> listening to the active Amateurs and doing what the majority want.
>> >>>>
>> >>>> Interesting to know that Phone operators are appliance operators and CW
>> >>>> operators are not. I guess the CW operators are all using Homebrew
>> >>>> equipment and if not then I hope at least that every one of them that
>> >>>> own a Yaesu FT-1000MP / D have done the CW modification and did it them
>> >>>> selves without senting it to a repair place ?
>> >>>
>> >>>the CW ops don't even need radios to get through remeber CW knowledge
>> >>>is all you need not even radios according to some of Slow Codes posts
>> >>
>> >>Where is Slow Code? Haven't seen any posts from him all weekend. Maybe
>> >>he is busy working at Buger King.
>> >I suspect he is arround posting under yet another nick
>> >http://kb9rqz.blogspot.com/
>>
>> Do you know his call sign?
>>
>>
>Are you sure he has one? If he did I would suspect it has been revoked.
>
>73
>
>Chris
not sure he does but his refusual to provide one is becuase he KNOW if
he gives his call he knows he will be hammers
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

950. Re: New FCC Rules

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 01:16:21 UTC
From: Papa Dog <papadogbg@yahoo.com>
Message-ID: <MPG.1f9df8f3b0099a28989a47@news-server.carolina.rr.com>
Source record: 51024
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

In article <kEVYg.10357$Y24.4085@newsread4.news.pas.earthlink.net>,
my.mail@no.spam says...

>
> Getting a license and then leaving, that's not how it should be.
>
> SC
>
>
How many have you personally run off the air?

73

Chris

951. Re: New FCC Rules

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 01:31:42 UTC
From: john <john@nospam.net>
Message-ID: <vgc8j29hbfgipbsi58i2n5c64vq0sdpul1@4ax.com>
Source record: 51025
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Slow Code just got done working at Buger King. Welcome back

On Tue, 17 Oct 2006 00:40:49 GMT, Slow Code <my.mail@no.spam> wrote:

>john <john@nospam.net> wrote in
>news:t0q6j2tkekdb8lgag4a9pq9f0cjg21ucjk@4ax.com:
>
>> On 16 Oct 2006 00:21:58 -0700, "an_old_friend" <konstans@hotmail.com>
>> wrote:
>>
>>>
>>>Ron wrote:
>>>> This needed to be down years ago. Good to see the ARRL and the FCC
>>>> are listening to the active Amateurs and doing what the majority want.
>>>>
>>>> Interesting to know that Phone operators are appliance operators and
>>>> CW operators are not. I guess the CW operators are all using Homebrew
>>>> equipment and if not then I hope at least that every one of them that
>>>> own a Yaesu FT-1000MP / D have done the CW modification and did it
>>>> them selves without senting it to a repair place ?
>>>
>>>the CW ops don't even need radios to get through remeber CW knowledge
>>>is all you need not even radios according to some of Slow Codes posts
>>
>> Where is Slow Code? Haven't seen any posts from him all weekend. Maybe
>> he is busy working at Buger King.
>
>
>Yah, ready to eat? I got your whopper hang'en.
>
>SC

952. Re: Here the R&O-- FCC if interested.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 01:35:41 UTC
From: john <john@nospam.net>
Message-ID: <aqc8j253j0mhecad898uq3op00rrg38d01@4ax.com>
Source record: 50926
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Slow Code if you act like this on the radio I wouldn't want to know
you.

On Tue, 17 Oct 2006 00:40:27 GMT, Slow Code <my.mail@no.spam> wrote:

>Jim - NN7K <NN7K@NOWAY.NET> wrote in
>news:rtBXg.13555$e66.13064@newssvr13.news.prodigy.com:
>
>> To all radio amateurs
>>
>> SB QST ARL ARLB019
>> ARLB019 FCC releases long-awaited ''Omnibus''
>> Amateur Radio Report and Order
>>
>> Ending a protracted waiting period, the FCC's
>> Report and Order in
>> the so-called ''Omnibus'' Amateur Radio
>> proceeding, WT Docket 04-140,
>> was adopted October 4 and released October 10,
>> 2006. In it, the FCC
>> adopted nearly all of the proposed changes in the
>> Notice of Proposed
>> Rulemaking released back in 2004. The FCC has:
>>
>> + expanded the phone subbands in the 75 and 40
>> meter bands;
>>
>> + permitted auxiliary stations to transmit on
>> portions of the 2
>> meter band;
>>
>> + permitted the use of spread spectrum on 222-225 MHz;
>>
>> + permitted amateurs to retransmit communications
>> from the
>> International Space Station;
>>
>> + permitted amateur licensees to designate a
>> specific Amateur Radio
>> club to receive their call sign in memoriam;
>>
>> + prohibited an applicant from filing more than
>> one application for
>> a specific vanity call sign;

>>
>> + eliminated certain restrictions on equipment
>> manufacturers;
>>
>> + permitted Amateur Radio stations in Alaska and
>> surrounding waters
>> more flexibility in providing emergency
>> communications;
>>
>> + clarified that ''amateur stations may, at all
>> times and on all
>> frequencies authorized to the control operator,
>> make transmissions
>> necessary to meet essential communication needs
>> and to facilitate
>> relief actions'';
>>
>> + deleted the frequency bands and segments
>> specified for RACES
>> stations;
>>
>> and
>>
>> + deleted the requirement for public announcement
>> of test locations
>> and times.
>>
>> In addition, the FCC took several other
>> miscellaneous actions.
>>
>> In ''refarming'' the frequencies currently
>> authorized to Novice and
>> Technician Plus licensees, the Commission
>> increased the voice
>> segments for General, Advanced and Amateur Extra
>> licensees.
>>
>> On 75 meters, Generals will be able to use voice
>> from 3800-4000 kHz,
>> an increase of 50 kHz. Advanced class licensees
>> will be able to use
>> voice from 3700-4000, an increase of 75 kHz, and
>> Amateur Extras will
>> be able to use voice from 3600 to 4000 kHz, a
>> generous increase of
>> 150 kHz.
>>
>> On 40 meters, Advanced and Extra Class licensees
>> will be able to use
>> voice from 7125-7300 kHz, an increase of 25 kHz.

>> General class
>> licensees will be able to use voice on 7175-7300
>> kHz, an increase of
>> 50 kHz.
>>
>> On 15 meters, General class operators will have
>> phone privileges on
>> 21275-21450 kHz, an increase of 25 kHz.
>>
>> ARRL President Joel Harrison, W5ZN, expressed the
>> ARRL's gratitude
>> to the FCC Commissioners in a letter dated October
>> 11: ''On behalf of
>> the ARRL and the Commission's licensees in the
>> Amateur Radio Service
>> I want to express appreciation for your release
>> yesterday of the
>> Report and Order in WT Docket 04-140 (FCC 06-149)
>> amending Part 97
>> of the Commission's Rules. The Commission's action
>> in clearing this
>> pending proceeding will assist the Amateur Radio
>> Service in meeting
>> its objectives, particularly with regard to
>> providing emergency and
>> public service communications.''
>>
>> The changes will go into effect 30 days after the
>> R&O is published
>> in the Federal Register.
>> NNNN
>> /EX
>
>
>
>It friggen figures the president of the ARRL would say that. They're only
>interested in selling memberships, they're not interested in the quality of
>the radio amateur. Ham radio can be like CB for all they care.
>
>SC

953. Re: New FCC Rules

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 01:42:51 UTC
From: john <john@nospam.net>
Message-ID: <g8d8j25r896va0reit442hemcjd2kmhfor@4ax.com>
Source record: 50927
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Slow Code is a disgrace to Amateur Radio!

On Mon, 16 Oct 2006 06:10:21 -0500, john <john@nospam.net> wrote:

>On 16 Oct 2006 00:21:58 -0700, "an_old_friend" <konstans@hotmail.com>
>wrote:
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>>Ron wrote:
>>> This needed to be down years ago. Good to see the ARRL and the FCC are
>>> listening to the active Amateurs and doing what the majority want.
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>>> Interesting to know that Phone operators are appliance operators and CW
>>> operators are not. I guess the CW operators are all using Homebrew
>>> equipment and if not then I hope at least that every one of them that
>>> own a Yaesu FT-1000MP / D have done the CW modification and did it them
>>> selves without senting it to a repair place ?
>>
>>the CW ops don't even need radios to get through remeber CW knowledge
>>is all you need not even radios according to some of Slow Codes posts
>
>Where is Slow Code? Haven't seen any posts from him all weekend. Maybe
>he is busy working at Buger King.

954. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 01:43:07 UTC
From: john <john@nospam.net>
Message-ID: <49d8j2h7lm1pqcc2bpt9keju598bpm1qtm@4ax.com>
Source record: 50928
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Slow Code is a disgrace to Amateur Radio!

On 16 Oct 2006 16:12:35 -0700, "LenAnderson@ieee.org"
<LenAnderson@ieee.org> wrote:

>
>hot-ham-and-cheese@hotmail.com wrote:
>> Mark@kb9rqz.net wrote:
>> > On 15 Oct 2006 16:24:35 -0700, hot-ham-and-cheese@hotmail.com wrote:
>> > >LenAnderson@ieee.org wrote:
>> > >> From: hot-ham-and-che...@hotmail.com on Sat, Oct 14 2006 4:01 pm
>> > >> >Slow Code wrote:
>
>
>> > >> Blowcode is just another troll who has his head up his
>> > >> ass in regards to radio communications. That head just
>> > >> hasn't been aware of what happened in radio for a half
>> > >> century.
>> > >
>> > >With his head up his own ass, he wouldn't need to eat his own excrement
>> > >off of another man's genitals. Maybe Robesin can give us hit ake on
>> > >that.
>> >
>> > well BB it must a tight fit so I suspect he wait to he puls out for
>> > air
>>
>> We should hear a loud "pop."
>>
>> > >> The ITU didn't "just remove" anything. The ITU-R made
>> > >> the code test for an amateur license with below-30-MHz
>> > >> privileges OPTIONAL to each administration. In 2003.
>> > >> THREE years ago, not "just now." :-)
>> > >
>> > >Slow is, well, slow.
>>
>> > realy slwo but according to one of post another of Sock puppets "hey
>> > Stupid" so he is more honest the Robeson (which is truly damning with
>> > faint praise.
>>
>> He might be a former RRAPper. Can you guess which one?
>
> I'll go with Mark and say it is a current RRAPer...a pro-coder who
> is wrapped too tight...either Jimmie Noserve or that Waffen SS guy.

955. Re: Here the R&O-- FCC if interested.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 01:43:36 UTC
From: john <john@nospam.net>
Message-ID: <2ad8j25n09bjf4vdi7uajt7loeodifmgd0@4ax.com>
Source record: 50929
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Slow Code is a disgrace to Amateur Radio!

On Tue, 17 Oct 2006 00:40:27 GMT, Slow Code <my.mail@no.spam> wrote:

>Jim - NN7K <NN7K@NOWAY.NET> wrote in
>news:rtBXg.13555$e66.13064@newssvr13.news.prodigy.com:
>
>> To all radio amateurs
>>
>> SB QST ARL ARLB019
>> ARLB019 FCC releases long-awaited ''Omnibus''
>> Amateur Radio Report and Order
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>> Ending a protracted waiting period, the FCC's
>> Report and Order in
>> the so-called ''Omnibus'' Amateur Radio
>> proceeding, WT Docket 04-140,
>> was adopted October 4 and released October 10,
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>> adopted nearly all of the proposed changes in the
>> Notice of Proposed
>> Rulemaking released back in 2004. The FCC has:
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>> + expanded the phone subbands in the 75 and 40
>> meter bands;
>>
>> + permitted auxiliary stations to transmit on
>> portions of the 2
>> meter band;
>>
>> + permitted the use of spread spectrum on 222-225 MHz;
>>
>> + permitted amateurs to retransmit communications
>> from the
>> International Space Station;
>>
>> + permitted amateur licensees to designate a
>> specific Amateur Radio
>> club to receive their call sign in memoriam;
>>
>> + prohibited an applicant from filing more than
>> one application for
>> a specific vanity call sign;
>>

>> + eliminated certain restrictions on equipment
>> manufacturers;
>>
>> + permitted Amateur Radio stations in Alaska and
>> surrounding waters
>> more flexibility in providing emergency
>> communications;
>>
>> + clarified that ''amateur stations may, at all
>> times and on all
>> frequencies authorized to the control operator,
>> make transmissions
>> necessary to meet essential communication needs
>> and to facilitate
>> relief actions'';
>>
>> + deleted the frequency bands and segments
>> specified for RACES
>> stations;
>>
>> and
>>
>> + deleted the requirement for public announcement
>> of test locations
>> and times.
>>
>> In addition, the FCC took several other
>> miscellaneous actions.
>>
>> In ''refarming'' the frequencies currently
>> authorized to Novice and
>> Technician Plus licensees, the Commission
>> increased the voice
>> segments for General, Advanced and Amateur Extra
>> licensees.
>>
>> On 75 meters, Generals will be able to use voice
>> from 3800-4000 kHz,
>> an increase of 50 kHz. Advanced class licensees
>> will be able to use
>> voice from 3700-4000, an increase of 75 kHz, and
>> Amateur Extras will
>> be able to use voice from 3600 to 4000 kHz, a
>> generous increase of
>> 150 kHz.
>>
>> On 40 meters, Advanced and Extra Class licensees
>> will be able to use
>> voice from 7125-7300 kHz, an increase of 25 kHz.
>> General class

>> licensees will be able to use voice on 7175-7300
>> kHz, an increase of
>> 50 kHz.
>>
>> On 15 meters, General class operators will have
>> phone privileges on
>> 21275-21450 kHz, an increase of 25 kHz.
>>
>> ARRL President Joel Harrison, W5ZN, expressed the
>> ARRL's gratitude
>> to the FCC Commissioners in a letter dated October
>> 11: ''On behalf of
>> the ARRL and the Commission's licensees in the
>> Amateur Radio Service
>> I want to express appreciation for your release
>> yesterday of the
>> Report and Order in WT Docket 04-140 (FCC 06-149)
>> amending Part 97
>> of the Commission's Rules. The Commission's action
>> in clearing this
>> pending proceeding will assist the Amateur Radio
>> Service in meeting
>> its objectives, particularly with regard to
>> providing emergency and
>> public service communications.''
>>
>> The changes will go into effect 30 days after the
>> R&O is published
>> in the Federal Register.
>> NNNN
>> /EX
>
>
>
>It friggen figures the president of the ARRL would say that. They're only
>interested in selling memberships, they're not interested in the quality of
>the radio amateur. Ham radio can be like CB for all they care.
>
>SC

956. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 01:43:56 UTC
From: john <john@nospam.net>
Message-ID: <mad8j21k9m095vk1gq6a0jomfj3ut83vu0@4ax.com>
Source record: 50930
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Slow Code is a disgrace to Amateur Radio!

On Tue, 17 Oct 2006 00:40:54 GMT, Slow Code <my.mail@no.spam> wrote:

>Papa Dog <papadogbg@yahoo.com> wrote in
>news:MPG.1f9b72ea52e3e77f989a42@news-server.carolina.rr.com:
>
>> Passed my Tech Exam today. Only missed one question.
>
>
>No, You missed another ten questions, the CW questions, but since the
>Tech license is dumbed down you weren't tested on them.
>
>Don't know which HT to recommend, but a lot of No-codes like the
>Cobra 148GTL for HF.
>
>SC

957. Re: Radials -- the same length or not???

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 02:50:07 UTC
From: Walter Maxwell <walt@w2du.com>
Message-ID: <qpg8j21qtl8pb0qj84rqq037ahcom1lllc@4ax.com>
Source record: 50931

On Mon, 16 Oct 2006 21:14:55 -0400, "Yuri Blanarovich" <K3BU@optonline.net>
wrote:

>What? Haven't got a buck?
>Check out www.TeslaRadio.org
>we got some 200 acres of salty marshy QTH with two story building and 40
>rhombics for a $1. We are looking for extra hands and brains to help with
>restoration and operating.
>I just put some more pictures and partial drawing of antenna farm (under
>location -maps - site survey).
>
>73 Yuri, K3BU.us

Hello Yuri,

Just checked out the Tesla site--veerrry impressive! And congratulations on founding the Tesla Radio Foundation--Bravo! Tesla was indeed a great contributor to our art and science, and I agree that he has not had the recognition he deserved. You are performing a splendid service.

And what a great site for a ham station--the old WOO station! Hope you can put those rhombics back in operation. I've just committed one of the seven deadly sins--I'm green with envy!

Walt W2DU

958. Amateur License

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 03:11:42 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1161054701.988264.275010@h48g2000cwc.googlegroups.com>
Source record: 50932

Just got a note in the mail for license info
Why are they asking for my social security number?
Have they got a shortage to dish out to illegal immigrants
or is this only required for those who are providing a service for
money?
I really dislike the idea of giving out this personal information to
non
government employees. Also why are they asking for tel numbers
and E mail addreses are they selling these lists to businesses for
money?
Am I going to now be flooded with solicitations from businesses to the

same level I get charity requests.
Note that they are also taking down
credit card numbers to make it easy for identity theft
I am beginning to think that what I have got in the mail is
a scam and not a wise thing to fill out
as I have no idea as to the security of the information. and to
who really sent it to me . Could be another PAYPAL scam !
Art

959. Re: Yagi Height Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 03:32:09 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <_8YYg.5789$gM1.5235@fed1read12>
Source record: 50933

"Dave" <noone@nowhere.com> wrote in message
news:M4KdnQBSvbc_kanYnZ2dnUVZ_vSdnZ2d@crocker.com...

> tv dx is basically a line of sight vhf/uhf type
> of propagation where height is everything. the higher you can go the
> better

Yes, this has been my experience -- I need to get higher than my neighbor's
roof, for example.

> i don't know where 10 wavelengths came from since that is actually
> pretty low on the higher uhf channels!

Another Yes. At 600 MHz (near mid-band for UHF TV) 10 wavelengths is a mere
5 meters. Not much of a skyhook required to get up there!

Doubtful this applies to HF skywaves. Thanks to all..

73

960. Re: Radials -- the same length or not???

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 03:36:14 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <TcYYg.148$tT6.15@newsfe12.lga>
Source record: 50934

Hi Walt,

Thanks for your kind comments. You can change your color to tan, come on down and catch some sun tan while inspecting the rhombics.
Looks like God is good to me, after all the forced absence from radio and search for new QTH and place for Tesla, we were rewarded. So far lot of cleanup and fixing, but the potential and fertile salty grounds for the antennas are just dream come through.
Recently we had bunch of high tides and flooding, as can be seen from the pictures, but usually over the winter the tides subside and it is easier to walk around and do some antenna fixing.
It will be interesting to compare some classics vs. rhombics and how the modeling reflects the reality.
We are looking for hands and/or brains to join our club, no dues, just sweat or brain equity to get it rolling.

73 Yuri, K3BU

"Walter Maxwell" <walt@w2du.com> wrote in message
news:qpg8j21qtl8pb0qj84rqq037ahcom1lllc@4ax.com...
> On Mon, 16 Oct 2006 21:14:55 -0400, "Yuri Blanarovich"
> <K3BU@optonline.net>
> wrote:
>
>>What? Haven't got a buck?
>>Check out www.TeslaRadio.org
>>we got some 200 acres of salty marshy QTH with two story building and 40
>>rhombics for a $1. We are looking for extra hands and brains to help with
>>restoration and operating.
>>I just put some more pictures and partial drawing of antenna farm (under
>>location -maps - site survey).
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>>73 Yuri, K3BU.us
>
> Hello Yuri,
>
> Just checked out the Tesla site--veerrry impressive! And congratulations
> on
> founding the Tesla Radio Foundation--Bravo! Tesla was indeed a great
> contributor
> to our art and science, and I agree that he has not had the recognition he
> deserved. You are performing a splendid service.
>
> And what a great site for a ham station--the old WOO station! Hope you can
> put

> those rhombics back in operation. I've just committed one of the seven
> deadly
> sins--I'm green with envy!
>
> Walt W2DU
>

961. Re: 2 meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 03:48:54 UTC
From: Tam/WB2TT <t-tammaru@c0mca$t.net>
Message-ID: <0IudnXH0upUPz6nYnZ2dnUVZ_s2dnZ2d@comcast.com>
Source record: 50935

```
"Ralph Mowery" <rmowery28146@earthlink.net> wrote in message
news:XrUYg.10306$Y24.8694@newsread4.news.pas.earthlink.net...
>
> "Ian White GM3SEK" <gm3sek@ifwtech.co.uk> wrote in message
> news:SMnfddEQMzMFFANf@ifwtech.co.uk...
>> Ralph Mowery wrote:
>>>
>>>"Scott" <acepilot@bloomer.net> wrote in message
>>>news:k4ednVIdZ9WWWa_YnZ2dnUVZ_o6dnZ2d@bright.net...
>>>> Depends what you want. Are you going to use a small Yagi for FM work
>>>> or
>>>> a
>>>> long boom Yagi for SSB/CW? If you want something fairly simple, a
>>>> homemade 6 or 8 element Yagi is fairly simple. Otherwise, for some
>>>> serious weak signal work, the K1FO designs are quite commonly used.
>>>> Directive Systems sell them...
>>>> http://www.directivesystems.com/antenna4.htm
>>>>
>>>> Hope that helps!
>>>>
>>>> Scott
>>>> N0EDV
>>>
>>>Now you tell me. I just ordered 2 beams from M-Square, one for 432 and
>>>one
>>>for 144. Wish I had the K1FO antennas as I had one for 432 and it
>>>worked
>>>very well. I did not know anyone had picked up the K1FO design after he
>>>became a SK.
>>
>> Important correction: Steve Powlishen, K1FO, is NOT an SK! (W9GB had it
>> correct: the person who died was the co-developer W1EJ.)
>>
>> W9GB is also correct that they are excellent yagis, and have been
>> published in several editions of the ARRL Handbook. The most extensive
>> write-up is in the ARRL Microwave Experimenter's Handbook Volume 1.
>>
>>
> Big mistake on my part. I was thinking of Rutland Arrays. The owner of
> that company (small one man shop mostly) is the one that is a SK. He sold
> the K1FO type antennas. He used to show up at the Shelby, NC hamfest and
> that is where I bought the 432 antenna about 10 years ago . I really
> liked the way it was made and it seemed to work very well. I have a
> handbook or two that have the K1FO designs in them. Just don't have time
```

> or equipment to put one together.
>
> I may be wrong, but was thinking the M2 antennas were based on the K1FO
> designs also. That was my reason for going with them.
>
Can't remember the name, but The "M" in KLM (antennas) is the same guy as
one of the "M"s in M2.

Tam/WB2TT

962. Re: NEC and computer speed

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 04:24:40 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1161059080.045765.86080@e3g2000cwe.googlegroups.com>
Source record: 50936

I haqve a Toshiba laptop with 3.2 gig processor which I use for antenna work. I really can't see why I shoulde look for a speedier processor at this time and really it is not that much faster than what you have, if they had a processor that doubled the speed then I would be interested. I use AO-pro which I suppose is a larger program for antennas than NEC4 and sometimes it takes two or three hours to complete a 15 element array and with the processor going at full speed things get a bit hot but then again the processor is not going all the time as one has to print and set things up , so for the total project I see no gain in getting a faster machine. Had a 5150 dell last year of the same speed but oh so many problems with Dell and them refusing to give out repair information that thousands of them were thrown away in anger. They have been sued for a few million but if a failed one had been opened by somebody other than them it can be put down to user abuse where they should not have touched it and waited to see if they were going to be sued. The lawyers by the way get 3 million to sell out all users. Dell suffered a tremendous down turn on all sales last year because of bad service in the face of widespread failures across the board on all their products where they only allowed repaires by their own repair places at an inflated price
with no details of repair for DIY.. Their products are produced by multi suppliers in competition so failures are all over the spectrum and difficult to isolate.To sum up don't buy a Dell!
Cheers
Art

W1HBQ wrote:
> I'm planning to buy a new computer, and its main task will be for
> antenna simulations using NEC. The issues appear to be: Intel verses
> AMD, single verses dual core, front side bus and RAM speed, and of
> course processor speed. I would appreciate any guidance.
>
> It would be interesting to compare computation speeds of various
> computers for the same antenna. One possible antenna to use for
> comparison is The Grid Yagi from my website:
> http://home.comcast.net/~ross_anderson/GridYagi.htm
> http://home.comcast.net/~ross_anderson/GridYagiD1.htm
> My three year old Dell with a Pentium 4 2.8GHz with HT and 3GB DDR of
> RAM at 400MHz using the Nec2dXS*.exe calculating machine gives:
> - - - MATRIX TIMING - - -FILL= 12.469 SEC., FACTOR= 11.422 SEC.
> I'm interested to see how this compares to more modern computers.
>
> Ross W1HBQ

963. Re: Here the R&O-- FCC if interested.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 07:30:56 UTC
From: bill_newport.4land@yahoo.com
Message-ID: <1161070256.872770.98590@h48g2000cwc.googlegroups.com>
Source record: 50937
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

john wrote:
> Slow Code is a disgrace to Amateur Radio!
>
>
>
>
> On Tue, 17 Oct 2006 00:40:27 GMT, Slow Code <my.mail@no.spam> wrote:
>
> >Jim - NN7K <NN7K@NOWAY.NET> wrote in
> >news:rtBXg.13555$e66.13064@newssvr13.news.prodigy.com:
> > >
> > >> To all radio amateurs
> > >>
> > >> SB QST ARL ARLB019
> > >> ARLB019 FCC releases long-awaited ''Omnibus''
> > >> Amateur Radio Report and Order
> > >>
> > >> Ending a protracted waiting period, the FCC's
> > >> Report and Order in
> > >> the so-called ''Omnibus'' Amateur Radio
> > >> proceeding, WT Docket 04-140,
> > >> was adopted October 4 and released October 10,
> > >> 2006. In it, the FCC
> > >> adopted nearly all of the proposed changes in the
> > >> Notice of Proposed
> > >> Rulemaking released back in 2004. The FCC has:
> > >>
> > >> + expanded the phone subbands in the 75 and 40
> > >> meter bands;
> > >>
> > >> + permitted auxiliary stations to transmit on
> > >> portions of the 2
> > >> meter band;
> > >>
> > >> + permitted the use of spread spectrum on 222-225 MHz;
> > >>
> > >> + permitted amateurs to retransmit communications
> > >> from the
> > >> International Space Station;
> > >>
> > >> + permitted amateur licensees to designate a
> > >> specific Amateur Radio
> > >> club to receive their call sign in memoriam;

> >>
> >> + prohibited an applicant from filing more than
> >> one application for
> >> a specific vanity call sign;
> >>
> >> + eliminated certain restrictions on equipment
> >> manufacturers;
> >>
> >> + permitted Amateur Radio stations in Alaska and
> >> surrounding waters
> >> more flexibility in providing emergency
> >> communications;
> >>
> >> + clarified that ''amateur stations may, at all
> >> times and on all
> >> frequencies authorized to the control operator,
> >> make transmissions
> >> necessary to meet essential communication needs
> >> and to facilitate
> >> relief actions'';
> >>
> >> + deleted the frequency bands and segments
> >> specified for RACES
> >> stations;
> >>
> >> and
> >>
> >> + deleted the requirement for public announcement
> >> of test locations
> >> and times.
> >>
> >> In addition, the FCC took several other
> >> miscellaneous actions.
> >>
> >> In ''refarming'' the frequencies currently
> >> authorized to Novice and
> >> Technician Plus licensees, the Commission
> >> increased the voice
> >> segments for General, Advanced and Amateur Extra
> >> licensees.
> >>
> >> On 75 meters, Generals will be able to use voice
> >> from 3800-4000 kHz,
> >> an increase of 50 kHz. Advanced class licensees
> >> will be able to use
> >> voice from 3700-4000, an increase of 75 kHz, and
> >> Amateur Extras will
> >> be able to use voice from 3600 to 4000 kHz, a
> >> generous increase of
> >> 150 kHz.

> >>
> >> On 40 meters, Advanced and Extra Class licensees
> >> will be able to use
> >> voice from 7125-7300 kHz, an increase of 25 kHz.
> >> General class
> >> licensees will be able to use voice on 7175-7300
> >> kHz, an increase of
> >> 50 kHz.
> >>
> >> On 15 meters, General class operators will have
> >> phone privileges on
> >> 21275-21450 kHz, an increase of 25 kHz.
> >>
> >> ARRL President Joel Harrison, W5ZN, expressed the
> >> ARRL's gratitude
> >> to the FCC Commissioners in a letter dated October
> >> 11: ''On behalf of
> >> the ARRL and the Commission's licensees in the
> >> Amateur Radio Service
> >> I want to express appreciation for your release
> >> yesterday of the
> >> Report and Order in WT Docket 04-140 (FCC 06-149)
> >> amending Part 97
> >> of the Commission's Rules. The Commission's action
> >> in clearing this
> >> pending proceeding will assist the Amateur Radio
> >> Service in meeting
> >> its objectives, particularly with regard to
> >> providing emergency and
> >> public service communications.''
> >>
> >> The changes will go into effect 30 days after the
> >> R&O is published
> >> in the Federal Register.
> >> NNNN
> >> /EX
> >
> >
> >
> >It friggen figures the president of the ARRL would say that. They're only
> >interested in selling memberships, they're not interested in the quality of
> >the radio amateur. Ham radio can be like CB for all they care.
> >
> >SC

Ya know, The more I read SC's post the more respect I have for SC. He's
right. Trash like "John" and the "retarded no-code wonder" are what
will rid the bands of the ARS.

Maybe Mork should clean up his act and try to behave a little more like
Steve.

964. Re: Here the R&O-- FCC if interested.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 07:35:45 UTC
From: bill_newport.4land@yahoo.com
Message-ID: <1161070545.110589.149070@i42g2000cwa.googlegroups.com>
Source record: 50938
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,alt.usenet.kooks

john wrote:
> Slow Code if you act like this on the radio I wouldn't want to know
> you.
>
>

John, the truth is if you talked to SC in person you'd drop to your knees trying to kiss his ass. You're a typical welfare ham. Now go play with your little HT, faggot!

965. Re: Here the R&O-- FCC if interested.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 07:51:14 UTC
From: Real Friendit Naybourhood Wote Monger <yyyyiiiinnnngggg@yahoo.com>
Message-ID: <cuni9.4mh.17.1@news.alt.net>
Source record: 50939
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,alt.usenet.kooks

<bill_newport.4land@yahoo.com> wrote in message
news:1161070545.110589.149070@i42g2000cwa.googlegroups.com...
>
> john wrote:
>> Slow Code if you act like this on the radio I wouldn't want to know
>> you.
>>
>>
>
> John, the truth is if you talked to SC in person you'd drop to your
> knees trying to kiss his ass. You're a typical welfare ham. Now go play
> with your little HT, faggot!

The true truth is you have nothing to offer for entertainment by being a
truly malicious asshole. Prove me I am wrong, if you can.

>

966. Re: Here the R&O-- FCC if interested.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 08:42:37 UTC
From: Mark@kb9rqz.net
Message-ID: <np59j25r7e4mvq6ahurlabe09755st3b4p@4ax.com>
Source record: 50940
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On 17 Oct 2006 00:35:45 -0700, bill_newport.4land@yahoo.com wrote:

>
>john wrote:
>> Slow Code if you act like this on the radio I wouldn't want to know
>> you.
>>
>>
>
>John, the truth is if you talked to SC in person you'd drop to your
>knees trying to kiss his ass. You're a typical welfare ham. Now go play
>with your little HT, faggot!
so anyone is that opposes Code testing is homosexual maening accordin
got you that roughly the halkf the ARS is homosexaul

how dod explain that annymouse coward or most likely or old friend
k4yz
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

967. Re: Here the R&O-- FCC if interested.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 08:44:40 UTC
From: Mark@kb9rqz.net
Message-ID: <4t59j25giept1da7f749khjh0krbuii1jd@4ax.com>
Source record: 50941
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On 17 Oct 2006 00:30:56 -0700, bill_newport.4land@yahoo.com wrote:

>
>john wrote:
>> Slow Code is a disgrace to Amateur Radio!
>>
>>
>>
>>
>> On Tue, 17 Oct 2006 00:40:27 GMT, Slow Code <my.mail@no.spam> wrote:

>> >SC
>
>Ya know, The more I read SC's post the more respect I have for SC. He's
>right. Trash like "John" and the "retarded no-code wonder" are what
>will rid the bands of the ARS.
>
>Maybe Mork should clean up his act and try to behave a little more like
>Steve.
no steve I will never act more like you

I will never except after years of provokaion suggest someone is child
molestor and even not not without the words you provided in your BIO
steve
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

968. how to eliminate mechanical resonance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 10:01:52 UTC
From: francesco.messineo@gmail.com
Message-ID: <1161079312.268757.105110@k70g2000cwa.googlegroups.com>
Source record: 50942

Hello all,
I build one year ago an 8 element 50 MHz yagi. Boom is made with 50 mm square aluminum tubing with
a second square tube on the center of the antenna to strenghten the boom. Elements are made with 20 mm
round aluminum tube in electrical contact with the boom. The antenna is a good performer but it has one
problem: it sounds even in light wind and vibrations come down the mast and are very annoying in the whole
house. The worst problem is that resonance succeeded in unscrewing the rotor bolts. I'm going to use a
special for bolts and screws but I'd like to find a method to avoid mechanical resonance of the antenna.
Does anyone know a good method? Would it be better to add two insulated pulling wires at both ends of the boom (even if probably also elements produce udible resonance)?
Thanks in advance

Francesco IS0FKQ/I8

969. Re: NEC and computer speed

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 11:10:00 UTC
From: Arie <4nec2@gmx.net>
Message-ID: <1161083400.632316.298620@m73g2000cwd.googlegroups.com>
Source record: 50943

> It would be interesting to compare computation speeds of various
> computers for the same antenna. One possible antenna to use for
> comparison is The Grid Yagi from my website:
> http://home.comcast.net/~ross_anderson/GridYagi.htm
> http://home.comcast.net/~ross_anderson/GridYagiD1.htm
> My three year old Dell with a Pentium 4 2.8GHz with HT and 3GB DDR of
> RAM at 400MHz using the Nec2dXS*.exe calculating machine gives:
> - - - MATRIX TIMING - - -FILL= 12.469 SEC., FACTOR= 11.422 SEC.
> I'm interested to see how this compares to more modern computers.
>
> Ross W1HBQ

FILL= 14.641 SEC., FACTOR= 16.734 SEC., RUN TIME = 31.641

On a 2.4 Ghz Pentium 4, single processor 512 Mb, Windows 2000, and Yes,
a Dell.

Arie.

970. Re: NEC and computer speed

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 12:09:33 UTC
From: Arie <4nec2@gmx.net>
Message-ID: <1161086973.393363.245890@i3g2000cwc.googlegroups.com>
Source record: 50944

FILL= 15.922 SEC., FACTOR= 19.156 SEC., RUN TIME = 35.406

Pentium 4, 2.8Ghz, 1 Gb (W2000, cpu running at only 50% during calc's,
Dell optiplex GX620)

It seems to be some kind of dual core processor system, because on
windows task manager
I see two cpu usage history graphs. So 2.4 Ghz single core seems to be
faster than 2.8 Ghz double core...

Arie.

971. Re: NEC and computer speed

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 12:41:54 UTC
From: "J. Mc Laughlin" <jcm@power-net.net>
Message-ID: <12j9jqeegl7ef87@corp.supernews.com>
Source record: 50945

Dear W1HBQ:

To minimize compatibility issues, I use a stand-alone computer that uses an Intel mother-board, Intel chip set, and Windows 2000. The board has temperature sensors that are accessible through a free Intel computer program. On long runs, one sees the temperatures go way up with 100% CPU use. Obviously, the computer is not a Dell. Dell makes a good computer, but uses non-standard boards. The work horse computer is an old Dell.

The NEC computer has no connections to the outside world and very little software other than NEC4 and the pro-version of EZNEC4. As I recall, the clock is about 2.8 or 2.9 G, 400 MHz FSB, and only 1 GB of ram. I contemplate adding a second 1 GB of ram as some large models do push memory.

If I can find the time, I will benchmark your code.
If you are interested, I can find more details.

73 Mac N8TT
--
J. Mc Laughlin; Michigan U.S.A.
Home: JCM@Power-Net.Net

972. Re: how to eliminate mechanical resonance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 13:52:48 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <v0n9j2t8vg5236ipv0d83im2mu8n82lted@4ax.com>
Source record: 50946

On 17 Oct 2006 03:01:52 -0700, francesco.messineo@gmail.com wrote:

>Hello all,
>I build one year ago an 8 element 50 MHz yagi. Boom is made with 50 mm
>square aluminum tubing with
>a second square tube on the center of the antenna to strenghten the
>boom. Elements are made with 20 mm
>round aluminum tube in electrical contact with the boom. The antenna is
>a good performer but it has one
>problem: it sounds even in light wind and vibrations come down the mast
>and are very annoying in the whole
>house. The worst problem is that resonance succeeded in unscrewing the
>rotor bolts. I'm going to use a
>special for bolts and screws but I'd like to find a method to avoid
>mechanical resonance of the antenna.
>Does anyone know a good method? Would it be better to add two insulated
>pulling wires at both ends of the boom (even if probably also elements
>produce udible resonance)?
>Thanks in advance
>
>Francesco IS0FKQ/I8
It sounds like a really stable mechanical design.

The first thing that comes to mind to me is to damp the vibrations. A spiral wrap of something soft like rubber tubing on the boom and the elements. Unfortunately it would add both weight and wind resistance. Also it would contribute to maintenance. I doubt it would weather well.

The next thought is to try some soft sleeves randomly placed on the elements and boom. I would be inclined to use chunks of tubing about 75mm (3 inches?) long and secured with cable ties protected with black tape. Splitting the damping tubing should make it easy to install.

End caps on the elements and boom are a given but if drains are not provided for each instance water will collect and burst the tubing by freezing.

I hope you have an easy way to get at the antenna for experimenting!
John Ferrell W8CCW

973. Re: NEC and computer speed

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 14:07:31 UTC
From: Bob Bob <bob3bob3@cox.net>
Message-ID: <3m4f04-0rj.ln1@p400bob.personal.cox.net>
Source record: 50950

I'll admit to not being an expert on this... However here are some points to ponder.

- The NEC2 etc executable more or less runs in a DOS window. I would guess that it runs primarily in realmode and swaps its data array in and out of high memory. Kind of like the EMM of old. Does this mean it is only a 16 bit app and therefore a waste on a 32 bit processor? This is a similar logic one applies when using a RISC workstation for CAD work.

- I had thought that to a degree software has to be aware of the dual processor/core capability before it can use it. I would think that a "dos box" probably isn't aware of same. This would explain 50% use.

- If you are doing a lot of modeling it may be worthwhile setting up a networked pair of PC's. One that has the user interface and the other doing the calcs. With some modification to the bat/cmd file that calls the NEC exe you could hand the task off to the other machine quite easily. Setting up a queuing function will be the way to go. This would then also free you up to use a purpose built processing engine, possibly even use Linux or even a later DOS version.

Am prepared to be shot down on any of this!

Cheers Bob

Arie wrote:
>
> FILL= 15.922 SEC., FACTOR= 19.156 SEC., RUN TIME = 35.406
>
> Pentium 4, 2.8Ghz, 1 Gb (W2000, cpu running at only 50% during calc's,
> Dell optiplex GX620)
>
> It seems to be some kind of dual core processor system, because on
> windows task manager
> I see two cpu usage history graphs. So 2.4 Ghz single core seems to be
> faster than 2.8 Ghz double core...
>
> Arie.
>

974. Re: how to eliminate mechanical resonance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 14:08:43 UTC
From: Bob <warthog9@pacbell.net>
Message-ID: <Lt5Zg.14801$vJ2.1660@newssvr12.news.prodigy.com>
Source record: 50947

Lots of commercial antennas come with rope inside the elements for
mechanical damping. Just find some dense and preferably synthetic rope
that just fits inside the elements. If itï¿½s a vertical antenna, cap the
top elements to keep rain from entering, otherwise leave the elements
open so any moisture will bake out in the sun.
Bob

francesco.messineo@gmail.com wrote:
> Hello all,
> I build one year ago an 8 element 50 MHz yagi. Boom is made with 50 mm
> square aluminum tubing with
> a second square tube on the center of the antenna to strenghten the
> boom. Elements are made with 20 mm
> round aluminum tube in electrical contact with the boom. The antenna is
> a good performer but it has one
> problem: it sounds even in light wind and vibrations come down the mast
> and are very annoying in the whole
> house. The worst problem is that resonance succeeded in unscrewing the
> rotor bolts. I'm going to use a
> special for bolts and screws but I'd like to find a method to avoid
> mechanical resonance of the antenna.
> Does anyone know a good method? Would it be better to add two insulated
> pulling wires at both ends of the boom (even if probably also elements
> produce udible resonance)?
> Thanks in advance
>
> Francesco IS0FKQ/I8
>

975. Re: how to eliminate mechanical resonance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 14:27:09 UTC
From: Bob Bob <bob3bob3@cox.net>
Message-ID: <tq5f04-tuj.ln1@p400bob.personal.cox.net>
Source record: 50949

Take a sheet of rubber (say 3-5mm thick) maybe 150mm long and the circumference of the element wide. Make 3 equally spaced cuts 70% of the distance of the long dimension. It will now look like a 4 fingered hand shape!

Using a hose clamp tie this rubber sheet around the uncut end around the elements at some convenient place. The idea being to damp mech oscillation. Maybe 1/3 the way down each element but I haven't exactly thought about where the best place would be.

It may slightly detune the antenna but I haven't thought that through either!

Cheers Bob VK2YQA

francesco.messineo@gmail.com wrote:
>
> Hello all,
> I build one year ago an 8 element 50 MHz yagi. Boom is made with 50 mm
> square aluminum tubing with

976. ground radials

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 15:03:49 UTC
From: Paladin <kb1ghh@hotmail.com>
Message-ID: <1161097429.261468.307730@m7g2000cwm.googlegroups.com>
Source record: 50948

Hello Antenna-Lovers,
I have a "few" antennas on my small lot. I have NOT yet tried
a vertical. I know the need for a GREAT radial system is very
important for success. Does anyone out there know of a device to lay
and set these "wires";off a roll maybe, into the ground ??? Then all
you would have to do is CUT them to the length and attach them. Maybe
a thin wheel 6 inches or so with a grove on the outter edge.....
I don't know. HAS anyone seen anything like this ?? Would it work ?
THOUGHTS ??!!?

977. Re: ground radials

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 15:36:59 UTC
From: Charlie <charlie@ease.biz>
Message-ID: <12j9u5gk5po092a@corp.supernews.com>
Source record: 50951

As opposed to actually digging trenches or even slits in the ground for radials. I chose to lay them on top of the ground and held them in place with 1 1/2" fence staples. Then I easily covered them with soil from a few wheelbarrow loads. I chose to do this in the dead of winter (no snow in Mississippi) while the grass was brown and very short. Next summer the grass grew and covered the entire "radial field". I used 72 radials total for my Hustler 5-BTV.

Photos here
1. http://www.ad5th.com/5-BTV.html

--

73,Charlie-AD5TH
www.ad5th.com

"Paladin" <kb1ghh@hotmail.com> wrote in message
news:1161097429.261468.307730@m7g2000cwm.googlegroups.com...
> Hello Antenna-Lovers,
> I have a "few" antennas on my small lot. I have NOT yet tried
> a vertical. I know the need for a GREAT radial system is very
> important for success. Does anyone out there know of a device to lay
> and set these "wires";off a roll maybe, into the ground ??? Then all
> you would have to do is CUT them to the length and attach them. Maybe
> a thin wheel 6 inches or so with a grove on the outter edge.....
> I don't know. HAS anyone seen anything like this ?? Would it work ?
> THOUGHTS ??!!?
>
>

978. Re: ground radials

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 16:04:56 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Ia7Zg.15603$e66.2274@newssvr13.news.prodigy.com>
Source record: 50952

Paladin wrote:
> THOUGHTS ??!!?

Elevated radials?
--
73, Cecil http://www.w5dxp.com

979. Re: finco stinger

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 16:06:11 UTC
From: Tam/WB2TT <t-tammaru@c0mca$t.net>
Message-ID: <aoKdnYg8c-LDYqnYnZ2dnUVZ_oSdnZ2d@comcast.com>
Source record: 50953

"Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in message
news:7swYg.29920$fy.3284@tornado.southeast.rr.com...
> Anyone ever heard of a finco stinger A2+2 yagi 2M beam?
>
> If so where can I find a manual on it?
>
> Thanks
> Joe
> KI4ILB
>
I have a 1962 Lafayette catalog that has a page of Finco TV antennas. No ham stuff. Your 2m Stinger is probably that vintage, or older. Also have a 1964 ham catalog, no Finco anything in that.

Tam/WB2TT

980. Re: Amateur License

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 16:29:46 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <_x7Zg.137$337.73@southeast.rr.com>
Source record: 50954

I would take it to where ever you took your test or an elmer and show it to
them. See what they say..
Joe

"art" <aunwin@insightbb.com> wrote in message
news:1161054701.988264.275010@h48g2000cwc.googlegroups.com...
> Just got a note in the mail for license info
> Why are they asking for my social security number?
> Have they got a shortage to dish out to illegal immigrants
> or is this only required for those who are providing a service for
> money?
> I really dislike the idea of giving out this personal information to
> non
> government employees. Also why are they asking for tel numbers
> and E mail addreses are they selling these lists to businesses for
> money?
> Am I going to now be flooded with solicitations from businesses to the
>
> same level I get charity requests.
> Note that they are also taking down
> credit card numbers to make it easy for identity theft
> I am beginning to think that what I have got in the mail is
> a scam and not a wise thing to fill out
> as I have no idea as to the security of the information. and to
> who really sent it to me . Could be another PAYPAL scam !
> Art
>

981. Re: Amateur License

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 16:31:19 UTC
From: Bert Hyman <bert@iphouse.com>
Message-ID: <Xns985F7534F9AAVeebleFetzer@127.0.0.1>
Source record: 50955

aunwin@insightbb.com (art) wrote in
news:1161054701.988264.275010@h48g2000cwc.googlegroups.com:

> Just got a note in the mail for license info

Note from whom?

> Why are they asking for my social security number?

Who are they?

--
Bert Hyman | St. Paul, MN | bert@iphouse.com

982. Re: how to eliminate mechanical resonance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 17:09:18 UTC
From: Gene Fuller <W4SZzzzzzz@att.net>
Message-ID: <278Zg.295906$QM6.145074@bgtnsc05-news.ops.worldnet.att.net>
Source record: 50956

francesco.messineo@gmail.com wrote:
> Hello all,
> I build one year ago an 8 element 50 MHz yagi. Boom is made with 50 mm
> square aluminum tubing with
> a second square tube on the center of the antenna to strenghten the
> boom. Elements are made with 20 mm
> round aluminum tube in electrical contact with the boom. The antenna is
> a good performer but it has one
> problem: it sounds even in light wind and vibrations come down the mast
> and are very annoying in the whole
> house. The worst problem is that resonance succeeded in unscrewing the
> rotor bolts. I'm going to use a
> special for bolts and screws but I'd like to find a method to avoid
> mechanical resonance of the antenna.
> Does anyone know a good method? Would it be better to add two insulated
> pulling wires at both ends of the boom (even if probably also elements
> produce udible resonance)?
> Thanks in advance
>
> Francesco IS0FKQ/I8
>

Hi Francesco,

You did not describe the vibrations, so this may be off base. If it is a "sound", then perhaps the tubing is acting like a flute. Plugging the ends of the open tubes would stop the sound. It may be necessary to leave a small hole for drainage.

73,
Gene
W4SZ

983. Re: ground radials

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 17:48:44 UTC
From: Dave Oldridge <doldridg@leavethisoutshaw.ca>
Message-ID: <Xns985F6DFBC7A20doldridgsprintca@64.59.135.159>
Source record: 50957

"Paladin" <kb1ghh@hotmail.com> wrote in news:1161097429.261468.307730
@m7g2000cwm.googlegroups.com:

> Hello Antenna-Lovers,
> I have a "few" antennas on my small lot. I have NOT yet tried
> a vertical. I know the need for a GREAT radial system is very
> important for success. Does anyone out there know of a device to lay
> and set these "wires";off a roll maybe, into the ground ??? Then all
> you would have to do is CUT them to the length and attach them. Maybe
> a thin wheel 6 inches or so with a grove on the outter edge.....
> I don't know. HAS anyone seen anything like this ?? Would it work ?
> THOUGHTS ??!!?

My basic experience has been that it takes about 120 half-wave radials to
make a really GOOD ground. But 16 radials the same length as the antenna's
height will get you within 3 db of that. Want those 3db back? Just put up
a second vertical and steer the pattern!

--
Dave Oldridge+
ICQ 1800667

984. Re: ground radials

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 17:49:30 UTC
From: Dave Oldridge <doldridg@leavethisoutshaw.ca>
Message-ID: <Xns985F6E1DAE294doldridgsprintca@64.59.135.159>
Source record: 50958

Cecil Moore <mycall@hotmail.com> wrote in news:Ia7Zg.15603$e66.2274
@newssvr13.news.prodigy.com:

> Paladin wrote:
>> THOUGHTS ??!!?
>
> Elevated radials?

That works, too. And it's actually pretty efficient!

--
Dave Oldridge+
ICQ 1800667

985. Re: Amateur License

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 17:50:14 UTC
From: Caveat Lector <CL@nowhere.com>
Message-ID: <sJ8Zg.46946$nm1.19337@fed1read04>
Source record: 50959

Someone queried
>> Why are they asking for my social security number?

The number is issued to an individual by the Social Security Administration, an agency of the federal government. Its primary purposes are to track individuals' Social Security benefits, and to track individuals for taxation purposes. In recent years the SSN has become a de facto national identification number.

Nuff sed ??

986. Re: NEC and computer speed

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 18:02:06 UTC
From: Arie <4nec2@gmx.net>
Message-ID: <1161108126.195251.50320@i3g2000cwc.googlegroups.com>
Source record: 50960

Bob Bob wrote:

> - The NEC2 etc executable more or less runs in a DOS window. I would
> guess that it runs primarily in realmode and swaps its data array in and
> out of high memory. Kind of like the EMM of old. Does this mean it is
> only a 16 bit app and therefore a waste on a 32 bit processor? This is a
> similar logic one applies when using a RISC workstation for CAD work.

I don't know. When it comes to adressing range, normal windows
application can only adress a max of 2Gb (appr 11000 segments) out of a
maximum total of 4Gb, if available. I know from experiments at work
using VMware system virtualization, where max memory is also an issue,
that for some hardware special work-arounds are available to increase
the 2Gb limit to a max of 3Gb.

> - I had thought that to a degree software has to be aware of the dual
> processor/core capability before it can use it. I would think that a
> "dos box" probably isn't aware of same. This would explain 50% use.

Yes, one would normally say so, but when looking at both processor
utilizations one showed a load of appr 40%, the other of appr 60%.

987. Re: Amateur License

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 18:24:42 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Kd9Zg.14878$vJ2.14175@newssvr12.news.prodigy.com>
Source record: 50961

Caveat Lector wrote:
> In recent years the SSN has become a de facto national
> identification number.

Strange - mine says:
"FOR SOCIAL SECURITY PURPOSES - NOT FOR IDENTIFICATION"

Reminds me of a T-Shirt: "I'm from the government.
I'm here to help you."
--
73, Cecil http://www.w5dxp.com

988. Re: Amateur License

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 18:32:30 UTC
From: Caveat Lector <CL@nowhere.com>
Message-ID: <4l9Zg.46948$nm1.42397@fed1read04>
Source record: 50962

I said de facto.
Certainly SSN was not intended for ID - but try and get a driver license,
Ham license, or bank account without giving your SSN.

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:Kd9Zg.14878$vJ2.14175@newssvr12.news.prodigy.com...
> Caveat Lector wrote:
>> In recent years the SSN has become a de facto national identification
>> number.
>
> Strange - mine says:
> "FOR SOCIAL SECURITY PURPOSES - NOT FOR IDENTIFICATION"
>
> Reminds me of a T-Shirt: "I'm from the government.
> I'm here to help you."
> --
> 73, Cecil http://www.w5dxp.com

989. Re: Amateur License

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 19:03:05 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <JN9Zg.18724$7I1.17802@newssvr27.news.prodigy.net>
Source record: 50963

Caveat Lector wrote:
> I said de facto.
> Certainly SSN was not intended for ID - but try and get a driver license,
> Ham license, or bank account without giving your SSN.

Some states will issue your SSN as your driver's
license number.
--
73, Cecil http://www.w5dxp.com

990. Re: Amateur License

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 19:24:40 UTC
From: K7ITM <k7itm@msn.com>
Message-ID: <1161113080.459789.310350@m73g2000cwd.googlegroups.com>
Source record: 50964

art wrote:
> Just got a note in the mail for license info
> Why are they asking for my social security number?
> Have they got a shortage to dish out to illegal immigrants
> or is this only required for those who are providing a service for
> money?
> I really dislike the idea of giving out this personal information to
> non
> government employees. Also why are they asking for tel numbers
> and E mail addreses are they selling these lists to businesses for
> money?
> Am I going to now be flooded with solicitations from businesses to the
>
> same level I get charity requests.
> Note that they are also taking down
> credit card numbers to make it easy for identity theft
> I am beginning to think that what I have got in the mail is
> a scam and not a wise thing to fill out
> as I have no idea as to the security of the information. and to
> who really sent it to me . Could be another PAYPAL scam !
> Art

Was it a solicitation to renew your license through a VEC? If so,
don't do it; go online to the FCC site and renew for free in just a few
minutes. License renewal does seem to require your SSN, though.

If it was just a random request for info, why give it any more thought
than you would any other junque mail? If they provided a post-paid
return envelope, either (1) fill out the info with whatever you want
(names like Donald Duck, and SSNs with too many or too few random
digits work well), or (2) stuff it with all the other junque mail you
have handy and drop it in a mail box (or both 1 and 2).

Cheers,
Tom

991. Re: Amateur License

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 19:28:58 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <_9aZg.14895$vJ2.2166@newssvr12.news.prodigy.com>
Source record: 50965

K7ITM wrote:
> ... SSNs with too many or too few random digits work well)

Or even the correct number of digits - 987-65-4321
comes to mind. :-)
--
73, Cecil http://www.w5dxp.com

992. Re: NEC and computer speed

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 20:19:44 UTC
From: Hank Zoeller <bogusaddress@dontbothernotvalid.com>
Message-ID: <45353bc9$0$1780$c3e8da3@news.astraweb.com>
Source record: 50966

Bob Bob wrote:
> The NEC2 etc executable more or less runs in a DOS window.
[edited for brevity]
> Does this mean it is only a 16 bit app and therefore a waste
> on a 32 bit processor?

I have no experience with NEC2 at all so my comments are not specifically about that application.

I just want to point out that running as a "console app" does not necessarily mean the app is 16-bit. Using a modern compiler one commonly builds 32-bit applications, both console and graphical user interface. One would have to use an 'ancient' compiler to build a 16-bit application. If NEC2 was built a long time ago that may certainly be the case.

[more editing]
> - I had thought that to a degree software has to be aware of the dual
> processor/core capability before it can use it. I would think that a
> "dos box" probably isn't aware of same. This would explain 50% use.

Absolutely. If the application in question is a single threaded application then it will NOT be able to directly take advantage multiple processing units. (It's single thread may well be switched around between multiple processing units, at the whim of the OS, but only the single thread will run.) You are correct that a single threaded application running a CPU intensive task would likely show 50% CPU utilization on a dual core machine.

Any application written for windows must be designed and written specifically to use multiple threads of execution in order to directly take advantage of multiple CPUs or multiple cores. And, yes, console applications *can* be designed and developed to be multi-thread capable.

Almost conversely, just because an application is multi-threaded does NOT necessarily mean that it's threads will be run on separate processors. It is (mostly) up to the OS to decide which thread runs on which processing unit, at what time and for how long. Think of an application with 10 threads running on a dual core machine.

Threads are still pre-emptively interrupted so that other threads can gain access to compute resources. The machine you are reading this message on is probably switching between 30 to 100 active threads right now.

One big advantage of a multi-CPU or multi-core machine is that when running a highly CPU intensive task (as I gather these modeling applications must be) the other CPU or core is still free to serve up

CPU cycles to the OS and any other applications that are running. This would make the machine feel more responsive to the user.

Sorry to ramble on..
--
73,
HZ

993. Re: finco stinger

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 22:48:53 UTC
From: John Siegel <JohnASiegel@worldnet.att.net>
Message-ID: <45355DD2.3040606@worldnet.att.net>
Source record: 50967

Tam/WB2TT wrote:
> "Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in message
> news:7swYg.29920$fy.3284@tornado.southeast.rr.com...
>
>>Anyone ever heard of a finco stinger A2+2 yagi 2M beam?
>>
>>If so where can I find a manual on it?
>>
>>Thanks
>>Joe
>>KI4ILB
>>
>
> I have a 1962 Lafayette catalog that has a page of Finco TV antennas. No ham
> stuff. Your 2m Stinger is probably that vintage, or older. Also have a 1964
> ham catalog, no Finco anything in that.
>
> Tam/WB2TT
>
>
They were around a bit more recently than that. I bought the 6+2 in
late 79 or early 80.
John

994. Re: What Is Ham Radio?.....The FAQ

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 23:31:56 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <MJdZg.10772$Y24.4999@newsread4.news.pas.earthlink.net>
Source record: 50968
Cross-posted to:
uk.radio.amateur,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,rec.radio.amateur.policy

"david" <david_perry@btconnect.com> wrote in
news:lJOdnYUUm9AnBanYnZ2dnUVZ8tCdnZ2d@bt.com:

> Someday, when we all pay for our posts (it's
>> coming, believe me)
>
> That'll be the day when ham radio comes back to life then. Paying for
> posts? That's paying for toilet paper on a wipe by wipe basis.
>
> D

Unfortunately, the Dumb-It-Down no-code ham radio crowd are too lazy to
wipe. They'll still hang around and the rest of us will have to smell
the stink.

SC

995. id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-17 23:38:21 UTC
From: Mark@kb9rqz.net
Message-ID: <s9qaj29iahgq6t2fj7nurjq5bqaes3u607@4ax.com>
Source record: 50969
Cross-posted to:
uk.radio.amateur,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,rec.radio.amateur.policy

On Tue, 17 Oct 2006 23:31:56 GMT, Slow Code <my.mail@no.spam> wrote:

>"david" <david_perry@btconnect.com> wrote in
>news:lJOdnYUUm9AnBanYnZ2dnUVZ8tCdnZ2d@bt.com:
>
>> Someday, when we all pay for our posts (it's
>>> coming, believe me)
>>
>> That'll be the day when ham radio comes back to life then. Paying for
>> posts? That's paying for toilet paper on a wipe by wipe basis.
>>
>> D
>
>
>Unfortunately, the Dumb-It-Down no-code ham radio crowd are too lazy to
>wipe. They'll still hang around and the rest of us will have to smell
>the stink.
>
you are the one that refuses to wipe and it is your nose that needs it
worst since you just whine on and on
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

996. Re: MARQUEER is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 00:05:45 UTC
From: slow_code_bitch_boi@yahoo.com
Message-ID: <1161129945.555322.182630@b28g2000cwb.googlegroups.com>
Source record: 50970
Cross-posted to:
uk.radio.amateur,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,rec.radio.amateur.policy

Mark@kb9rqz.net wrote:
> On Tue, 17 Oct 2006 23:31:56 GMT, Slow Code <my.mail@no.spam> wrote:
>
> >"david" <david_perry@btconnect.com> wrote in
> >news:lJOdnYUUm9AnBanYnZ2dnUVZ8tCdnZ2d@bt.com:
> >
> >> Someday, when we all pay for our posts (it's
> >>> coming, believe me)
> >>
> >> That'll be the day when ham radio comes back to life then. Paying for
> >> posts? That's paying for toilet paper on a wipe by wipe basis.
> >>
> >> D
> >
> >
> >Unfortunately, the Dumb-It-Down no-code ham radio crowd are too lazy to
> >wipe. They'll still hang around and the rest of us will have to smell
> >the stink.
> >
> you are the one that refuses to wipe and it is your nose that needs it
> worst since you just whine on and on

FUCK YOU AND THE WHORE THAT GAVE YOU BIRTH, MORK-QUEER!

> >SC
> http://kb9rqz.blogspot.com/
>
> --
> Posted via a free Usenet account from http://www.teranews.com

997. Re: I listen to Omega One Radio

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 00:29:38 UTC
From: Papa Dog <papadogbg@yahoo.com>
Message-ID: <MPG.1f9f3f85b75ed590989a4a@news-server.carolina.rr.com>
Source record: 50971
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

In article <ftgXg.8076$Y24.1470@newsread4.news.pas.earthlink.net>,
my.mail@no.spam says...
> Papa Dog <papadogbg@yahoo.com> wrote in
> news:MPG.1f9612a4234542aa989a40@news-server.carolina.rr.com:
>
> > In article <eACVg.5938$Y24.3847@newsread4.news.pas.earthlink.net>,
> > my.mail@no.spam says...
> >> "Not Cocksucker Lloyd" <not_time_turd_lloyd@yahoo.com> wrote in
> >> news:1160134904.164213.315210@b28g2000cwb.googlegroups.com:
> >>
> >> >
> >> > Slow Code wrote:
> >> >>
> >> >> He doesn't have intellect.
> >> >
> >> > Why are you answering your own sockpuppets, Sniveling Cunt?
> >> >
> >>
> >>
> >> Mrs. Wiseman.
> >>
> >> You have a filthy mouth.
> >>
> >> SC
> >>
> > Pot Kettle Black!
>
>
> Wrong.
>
> Maybe you should undo your killfilter for a day or two so you can see what
> the filth in RRAP looks like.

I'm just adding you to it. Cleans up the noise ratio on all the groups!

>
> How's your CW practice coming along? Are you going to be a ham soon?
>
I am a Ham. You're a mean nasty old cuss who doesn't have a friend in
the world.

> SC
>

998. id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 00:39:11 UTC
From: Mark@kb9rqz.net
Message-ID: <jstaj2dsgaod9jr8ku5m5kbhk9n632tnhb@4ax.com>
Source record: 50972
Cross-posted to:
uk.radio.amateur,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,rec.radio.amateur.policy

On 17 Oct 2006 17:05:45 -0700, slow_code_bitch_boi@yahoo.com wrote:

>
>Mark@kb9rqz.net wrote:
>> On Tue, 17 Oct 2006 23:31:56 GMT, Slow Code <my.mail@no.spam> wrote:

>> you are the one that refuses to wipe and it is your nose that needs it
>> worst since you just whine on and on
>
>FUCK YOU AND THE WHORE THAT GAVE YOU BIRTH, MORK-QUEER!

no you may not have sex with me I have told and told you that
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

999. Re: how to eliminate mechanical resonance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 00:47:03 UTC
From: Jim - NN7K <NN7K@NOWAY.NET>
Message-ID: <bQeZg.14995$vJ2.3287@newssvr12.news.prodigy.com>
Source record: 50974

Also, be aware that you MUST eliminate that
resonance ! Many years ago, myself (and
another ham) obtained the 6 meter moon bounce
array from a well known ham (he built it, got
echos, than abandoned it- reason, at that time,
he was the ONLY op capible of 6 meter moonbounce!
helped the owner of the first half put it up
on 5 inch irrigation pipe! The array worked well-
but the wind started oscillations in the elements.
The elements began to shear off from metal
fatigue, at the point where they went thru the
boom. Same happened to mine, even as stand alone
yagis! These had elements of 6061-t , 5/16 inch
dia. tubeing, if memory serves.
Translation: IF allowed
to continue, look for the elements to start
breaking off, at some point in time! Would agree
that the insulating foam might be enough to
stop the oscillations in the elements. Good luck
Jim NN7K

Gene Fuller wrote:

> Hi Francesco,
>
> You did not describe the vibrations, so this may be off base. If it is a
> "sound", then perhaps the tubing is acting like a flute. Plugging the
> ends of the open tubes would stop the sound. It may be necessary to
> leave a small hole for drainage.
>
> 73,
> Gene
> W4SZ

1000. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 00:47:31 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1161132451.006173.281260@e3g2000cwe.googlegroups.com>
Source record: 50973
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Slow Code wrote:
> hot-ham-and-cheese@hotmail.com wrote in
> news:1161028898.573069.307150@e3g2000cwe.googlegroups.com:
> > an_old_friend wrote:
> >> hot-ham-and-cheese@hotmail.com wrote:
> >> > Jimmie D wrote:
> >> > >
> >> > > Im sure the numbers would look even wose if the licenses expired
> >> > > sooner. Most of the new hams I know lose interest in a couple of
> >> > > years, long befor the licence expires.
> >> >
> >> > Those darned new hams. They never should have been licensured in the
> >> > first place. Didn't have the ooomph to get licensed when the tests
> >> > were harder so they weren't really that innerested in the first
> >> > place. Didn't show the proper dedication.
> >>
> >> and of course none of the failure of hams to reamin hams is due to
> >> bullshit they must endure from other hams
> >
> > Of course not! Ham radio is a swell fellowship of men. What you see
> > on RRAP n't ham radio.
>
> But if you and Markie ever get full HF privledges, God & Hiram Help us.

Why? Do you fear us working out of band Frenchmen? We could do that
just as well on 6 Meters.

1001. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 00:51:23 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1161132683.380812.160430@k70g2000cwa.googlegroups.com>
Source record: 50975
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

LenAnderson@ieee.org wrote:
> hot-ham-and-cheese@hotmail.com wrote:
> > Mark@kb9rqz.net wrote:
> > > On 15 Oct 2006 16:24:35 -0700, hot-ham-and-cheese@hotmail.com wrote:
> > > >LenAnderson@ieee.org wrote:
> > > >> From: hot-ham-and-che...@hotmail.com on Sat, Oct 14 2006 4:01 pm
> > > >> >Slow Code wrote:
> >
> >
> > > >> Blowcode is just another troll who has his head up his
> > > >> ass in regards to radio communications. That head just
> > > >> hasn't been aware of what happened in radio for a half
> > > >> century.
> > > >
> > > >With his head up his own ass, he wouldn't need to eat his own excrement
> > > >off of another man's genitals. Maybe Robesin can give us hit ake on
> > > >that.
> > >
> > > well BB it must a tight fit so I suspect he wait to he puls out for
> > > air
> >
> > We should hear a loud "pop."
> >
> > > > The ITU didn't "just remove" anything. The ITU-R made
> > > > the code test for an amateur license with below-30-MHz
> > > > privileges OPTIONAL to each administration. In 2003.
> > > > THREE years ago, not "just now." :-)
> > > >
> > > >Slow is, well, slow.
> >
> > > realy slwo but according to one of post another of Sock puppets "hey
> > > Stupid" so he is more honest the Robeson (which is truly damning with
> > > faint praise.
> >
> > He might be a former RRAPper. Can you guess which one?
>
> I'll go with Mark and say it is a current RRAPer...a pro-coder who
> is wrapped too tight...either Jimmie Noserve or that Waffen SS guy.

Robesin is absent. Lots of uniques showing up. Maybe we need to run
RRAP through a contest logging program.

1002. Re: 2 meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 00:54:57 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <45357b29$0$1006$39cecf19@news.twtelecom.net>
Source record: 50876

Scott wrote:

> If you don't mind having a little less gain than is ultimately possible
> by using an antenna modeling program, the NBS (Nation Bureau of
> Standards) designs are pretty straight-forward. For a 6 element Yagi,
> here is element lengths and spacings for building with insulated
> elements (insulated from the boom, so I would use wood, 1" X 2" X 8.5')
>
> Lengths:
> Reflector = 3' 4"
> Driven = 3' 2-3/16"
> Dir 1 = 3' 7/8"
> Dir 2 = 3' 7/16"
> Dir 3 = 3' 7/16"
> Dir 4 = 3' 7/8"
>
> Spacing:
> Ref to Driven = (187.2/Fc) X 12
> Spacing between all other elements = (234/Fc) X 12
> where Fc is the design center frequency in MHz, ie 146 for the center of
> the FM portion). The spacing calculations give the answer in inches.
>
> Then you need to feed it. I use delta matches. Are you good at
> qrz.com? If so I can send you a drawing of the feed to get you started
> (but you would need an SWR meter that works at 2M to get it adjusted).
>
> Scott
> N0EDV

NBS yagis were quite horrible actually. Not good gain, horrid
bandwidth, high sensitivity to build errors , crummy patterns compared
to anything since the early 90's. Don't bother.

tom
K0TAR

1003. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 00:56:16 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1161132976.272099.210400@m73g2000cwd.googlegroups.com>
Source record: 50877
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Slow Code wrote:
> "LenAnderson@ieee.org" <LenAnderson@ieee.org> wrote in
> news:1161040355.357240.163210@k70g2000cwa.googlegroups.com:
>
> >
> > hot-ham-and-cheese@hotmail.com wrote:
> >> Mark@kb9rqz.net wrote:
> >> > On 15 Oct 2006 16:24:35 -0700, hot-ham-and-cheese@hotmail.com wrote:
> >> > >LenAnderson@ieee.org wrote:
> >> > >> From: hot-ham-and-che...@hotmail.com on Sat, Oct 14 2006 4:01 pm
> >> > >> >Slow Code wrote:
> >
> >
> >> > >> Blowcode is just another troll who has his head up his
> >> > >> ass in regards to radio communications. That head just
> >> > >> hasn't been aware of what happened in radio for a half
> >> > >> century.
> >> > >
> >> > >With his head up his own ass, he wouldn't need to eat his own
> >> > >excrement off of another man's genitals. Maybe Robesin can give us
> >> > >hit ake on that.
> >> >
> >> > well BB it must a tight fit so I suspect he wait to he puls out for
> >> > air
> >>
> >> We should hear a loud "pop."
> >>
> >> > >> The ITU didn't "just remove" anything. The ITU-R made
> >> > >> the code test for an amateur license with below-30-MHz
> >> > >> privileges OPTIONAL to each administration. In 2003.
> >> > >> THREE years ago, not "just now." :-)
> >> > >
> >> > >Slow is, well, slow.
> >>
> >> realy slwo but according to one of post another of Sock puppets "hey
> >> Stupid" so he is more honest the Robeson (which is truly damning with
> >> faint praise.
> >>
> >> He might be a former RRAPper. Can you guess which one?
> >
> > I'll go with Mark and say it is a current RRAPer...a pro-coder who
> > is wrapped too tight...either Jimmie Noserve or that Waffen SS guy.
>

> And you haven't changed a bit either Len. You should be taking part in
> the more technical groups and not arguing policy with pro-coders, or are
> you hoping to be the second No-Code Extra after Markie?
>
> SC

Mad Dog Deignan of the infamous RF Commandos?

1004. Re: 2 meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 01:01:28 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <45357cb2$0$6148$39cecf19@news.twtelecom.net>
Source record: 50878

Scott wrote:

> If you don't mind having a little less gain than is ultimately possible
> by using an antenna modeling program, the NBS (Nation Bureau of
> Standards) designs are pretty straight-forward. For a 6 element Yagi,
> here is element lengths and spacings for building with insulated
> elements (insulated from the boom, so I would use wood, 1" X 2" X 8.5')
>
> Lengths:
> Reflector = 3' 4"
> Driven = 3' 2-3/16"
> Dir 1 = 3' 7/8"
> Dir 2 = 3' 7/16"
> Dir 3 = 3' 7/16"
> Dir 4 = 3' 7/8"
>
> Spacing:
> Ref to Driven = (187.2/Fc) X 12
> Spacing between all other elements = (234/Fc) X 12
> where Fc is the design center frequency in MHz, ie 146 for the center of
> the FM portion). The spacing calculations give the answer in inches.
>
> Then you need to feed it. I use delta matches. Are you good at
> qrz.com? If so I can send you a drawing of the feed to get you started
> (but you would need an SWR meter that works at 2M to get it adjusted).
>
> Scott
> N0EDV
>

Sorry, I didn't give an alternatives in my previous email. Please see
the K1FO series in the ARRL antenna books. They are among absolutely
the best possible, very replicable,, low build sensitivity, and fairly
short to very long boom plans are available.

If you do not have one of the ARRL Antenna books available, I, or others
here, have copies as needed.

tom
K0TAR

1005. Re: NEC and computer speed

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 01:13:08 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <45357f6c$0$6146$39cecf19@news.twtelecom.net>
Source record: 50879

W1HBQ wrote:

> I'm planning to buy a new computer, and its main task will be for
> antenna simulations using NEC. The issues appear to be: Intel verses
> AMD, single verses dual core, front side bus and RAM speed, and of
> course processor speed. I would appreciate any guidance.
>
> It would be interesting to compare computation speeds of various
> computers for the same antenna. One possible antenna to use for
> comparison is The Grid Yagi from my website:
> http://home.comcast.net/~ross_anderson/GridYagi.htm
> http://home.comcast.net/~ross_anderson/GridYagiD1.htm
> My three year old Dell with a Pentium 4 2.8GHz with HT and 3GB DDR of
> RAM at 400MHz using the Nec2dXS*.exe calculating machine gives:
> - - - MATRIX TIMING - - -FILL= 12.469 SEC., FACTOR= 11.422 SEC.
> I'm interested to see how this compares to more modern computers.
>
> Ross W1HBQ
>

Most of the antenna work I have done was with 20 - 40 MHz 386 class processors using YO, AO, AOPro. The speed is not really needed so much as an understanding of what is happening and a guiding hand that knows how to tweak the optinization if that's what you are doing.

My longest run was about a month with a 20MHz 80386 plus coprocesser on a wasted effort to make a 2/220/432 interlaced beam with regular (parallel) elements. Not really possible to do well that way, but can be done another way after you know how. Which I did not learn, of course, for another 15 years. hihi

The faster processors, when optimizing, are actually a pain, as the optimization often runs away before you can pause and tweak it.

tom
K0TAR

1006. Re: NEC and computer speed

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 01:27:55 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <453582e4$0$1018$39cecf19@news.twtelecom.net>
Source record: 50880

W1HBQ wrote:

> I'm planning to buy a new computer, and its main task will be for
> antenna simulations using NEC. The issues appear to be: Intel verses
> AMD, single verses dual core, front side bus and RAM speed, and of
> course processor speed. I would appreciate any guidance.
>
> It would be interesting to compare computation speeds of various
> computers for the same antenna. One possible antenna to use for
> comparison is The Grid Yagi from my website:
> http://home.comcast.net/~ross_anderson/GridYagi.htm
> http://home.comcast.net/~ross_anderson/GridYagiD1.htm
> My three year old Dell with a Pentium 4 2.8GHz with HT and 3GB DDR of
> RAM at 400MHz using the Nec2dXS*.exe calculating machine gives:
> - - - MATRIX TIMING - - -FILL= 12.469 SEC., FACTOR= 11.422 SEC.
> I'm interested to see how this compares to more modern computers.
>
> Ross W1HBQ
>

Also be advised that one of the best known, best designed set of antennas, the K1FO series, was done on a PDP-11 (or microVAX?) running a custom version of BASIC that had been tweaked to do complex math as I remember. And while he spent what might now be considered large amounts of time, he still managed to make a series (10 elements through 40) of practically unimprovable long yagis in a few months.

The speed available nowadays is more than adequate. The memory available now is probably much more helpful.

tom
K0TAR

1007. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 01:36:24 UTC
From: Mark@kb9rqz.net
Message-ID: <281bj2lenaldtm3k68g1f27qofbae5h1vs@4ax.com>
Source record: 50881
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On 17 Oct 2006 17:56:16 -0700, hot-ham-and-cheese@hotmail.com wrote:

>
>Slow Code wrote:
>> "LenAnderson@ieee.org" <LenAnderson@ieee.org> wrote in
>> news:1161040355.357240.163210@k70g2000cwa.googlegroups.com:
>>
>> >
>> > hot-ham-and-cheese@hotmail.com wrote:
>> >> Mark@kb9rqz.net wrote:
>> >> > On 15 Oct 2006 16:24:35 -0700, hot-ham-and-cheese@hotmail.com wrote:
>> >> > >LenAnderson@ieee.org wrote:
>> >> > >> From: hot-ham-and-che...@hotmail.com on Sat, Oct 14 2006 4:01 pm
>> >> > >> >Slow Code wrote:
>> >
>> >
>> >> > >> Blowcode is just another troll who has his head up his
>> >> > >> ass in regards to radio communications. That head just
>> >> > >> hasn't been aware of what happened in radio for a half
>> >> > >> century.
>> >> > >
>> >> > >With his head up his own ass, he wouldn't need to eat his own
>> >> > >excrement off of another man's genitals. Maybe Robesin can give us
>> >> > >hit ake on that.
>> >> >
>> >> > well BB it must a tight fit so I suspect he wait to he puls out for
>> >> > air
>> >>
>> >> We should hear a loud "pop."
>> >>
>> >> > >> The ITU didn't "just remove" anything. The ITU-R made
>> >> > >> the code test for an amateur license with below-30-MHz
>> >> > >> privileges OPTIONAL to each administration. In 2003.
>> >> > >> THREE years ago, not "just now." :-)
>> >> > >
>> >> > >Slow is, well, slow.
>> >>
>> >> > realy slwo but according to one of post another of Sock puppets "hey
>> >> > Stupid" so he is more honest the Robeson (which is truly damning with
>> >> > faint praise.
>> >>
>> >> He might be a former RRAPper. Can you guess which one?
>> >

>> > I'll go with Mark and say it is a current RRAPer...a pro-coder who
>> > is wrapped too tight...either Jimmie Noserve or that Waffen SS guy.
>>
>> And you haven't changed a bit either Len. You should be taking part in
>> the more technical groups and not arguing policy with pro-coders, or are
>> you hoping to be the second No-Code Extra after Markie?
>>
>> SC
>
>Mad Dog Deignan of the infamous RF Commandos?
could be esp if it isn't Robbeson
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1008. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 01:36:55 UTC
From: Mark@kb9rqz.net
Message-ID: <691bj2lplt1qk6e24tp3cioukcu19aa6jl@4ax.com>
Source record: 50882
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On 17 Oct 2006 17:51:23 -0700, hot-ham-and-cheese@hotmail.com wrote:

>
>LenAnderson@ieee.org wrote:
>> hot-ham-and-cheese@hotmail.com wrote:
>> > Mark@kb9rqz.net wrote:
>> > > On 15 Oct 2006 16:24:35 -0700, hot-ham-and-cheese@hotmail.com wrote:
>> > > >LenAnderson@ieee.org wrote:
>> > > >> From: hot-ham-and-che...@hotmail.com on Sat, Oct 14 2006 4:01 pm
>> > > >> >Slow Code wrote:
>>
>>
>> > > >> Blowcode is just another troll who has his head up his
>> > > >> ass in regards to radio communications. That head just
>> > > >> hasn't been aware of what happened in radio for a half
>> > > >> century.
>> > > >
>> > > >With his head up his own ass, he wouldn't need to eat his own excrement
>> > > >off of another man's genitals. Maybe Robesin can give us hit ake on
>> > > >that.
>> > >
>> > > well BB it must a tight fit so I suspect he wait to he puls out for
>> > > air
>> >
>> > We should hear a loud "pop."
>> >
>> > > >> The ITU didn't "just remove" anything. The ITU-R made
>> > > >> the code test for an amateur license with below-30-MHz
>> > > >> privileges OPTIONAL to each administration. In 2003.
>> > > >> THREE years ago, not "just now." :-)
>> > > >
>> > > >Slow is, well, slow.
>> >
>> > realy slwo but according to one of post another of Sock puppets "hey
>> > Stupid" so he is more honest the Robeson (which is truly damning with
>> > faint praise.
>> >
>> > He might be a former RRAPper. Can you guess which one?
>>
>> I'll go with Mark and say it is a current RRAPer...a pro-coder who
>> is wrapped too tight...either Jimmie Noserve or that Waffen SS guy.
>
>Robesin is absent. Lots of uniques showing up. Maybe we need to run

>RRAP through a contest logging program.
think it would be able to keep tack here
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1009. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 01:40:23 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1161135623.020165.120820@e3g2000cwe.googlegroups.com>
Source record: 50883
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

hot-ham-and-cheese@hotmail.com wrote:
> Slow Code wrote:
> > hot-ham-and-cheese@hotmail.com wrote in
> > news:1161028898.573069.307150@e3g2000cwe.googlegroups.com:
> > > an_old_friend wrote:

> > But if you and Markie ever get full HF privledges, God & Hiram Help us.
>
> Why? Do you fear us working out of band Frenchmen? We could do that
> just as well on 6 Meters.
BB I belieeve you have mentioned passing a code test at some point that
would allow you fullaccess to hf today I could look up your license or
you could tell me

1010. FA: K40

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 01:43:31 UTC
From: jimbradley@gmail.com
Message-ID: <1161135811.592465.120770@i3g2000cwc.googlegroups.com>
Source record: 50884

http://cgi.ebay.com/K40-Trunk-Lip-Mount-CB-radio-Antenna-58-no-reserve_W0QQitemZ200037586510QQihZ010QQcategoryZ48692QQssPageNameZWDVWQQrdZ1QQcmdZViewItem

1011. Re: how to eliminate mechanical resonance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 01:59:30 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <45358a4a$0$1006$39cecf19@news.twtelecom.net>
Source record: 50885

francesco.messineo@gmail.com wrote:

> Hello all,
> I build one year ago an 8 element 50 MHz yagi. Boom is made with 50 mm
> square aluminum tubing with
> a second square tube on the center of the antenna to strenghten the
> boom. Elements are made with 20 mm
> round aluminum tube in electrical contact with the boom. The antenna is
> a good performer but it has one
> problem: it sounds even in light wind and vibrations come down the mast
> and are very annoying in the whole
> house. The worst problem is that resonance succeeded in unscrewing the
> rotor bolts. I'm going to use a
> special for bolts and screws but I'd like to find a method to avoid
> mechanical resonance of the antenna.
> Does anyone know a good method? Would it be better to add two insulated
> pulling wires at both ends of the boom (even if probably also elements
> produce udible resonance)?
> Thanks in advance
>
> Francesco IS0FKQ/I8
>

If these are hollow elements simply put small rope inside of them and
then seal the ends. This will dampen the sound, and have the added
benefit of possibly reducing work hardening of the elements.

tom
K0TAR

1012. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 02:10:08 UTC
From: **THE-RFI-EMI-GUY** <rhyolite@nettally.com>
Message-ID: <42gZg.29116$YO.19085@tornado.tampabay.rr.com>
Source record: 50886
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Amazing; A new ham is excited about getting his ticket and these clowns
get into his face about CW.

Next we will hear more griping about the hobby dying. No wonder. Just
read these posts, who would want to be associated with such clowns. I am
always amazed these clowns are so familiar with CB model numbers etc.

Slow Code wrote:

>Papa Dog <papadogbg@yahoo.com> wrote in
>news:MPG.1f9b72ea52e3e77f989a42@news-server.carolina.rr.com:
>
>
>
>>Passed my Tech Exam today. Only missed one question.
>>
>>
>
>
>No, You missed another ten questions, the CW questions, but since the
>Tech license is dumbed down you weren't tested on them.
>
>Don't know which HT to recommend, but a lot of No-codes like the
>Cobra 148GTL for HF.
>
>SC
>
>
Amazing; A new ham is excited about getting his ticket and these clowns
get into his face about CW.

Next we will hear more griping about the hobby dying. No wonder. Just
read these posts, who would want to be associated with such clowns. I am
always amazed these clowns are so familiar with CB model numbers etc.

--

"Treason doth never prosper: what's the reason?
For if it prosper, none dare call it treason."

"Follow The Money" ;-P

1013. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 02:28:17 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <%igZg.62280$KR1.12110@bignews2.bellsouth.net>
Source record: 50887
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

<Mark@kb9rqz.net> wrote in message
news:tk4uh2dh82m53rpoucr8nduc0ous56rf0e@4ax.com...
> On Sat, 30 Sep 2006 19:27:33 -0500, Nada Tapu <user@host.domain>
> wrote:
>
>>On Sat, 30 Sep 2006 16:39:47 -0400, Mark@kb9rqz.net wrote:
>>
>>>>And you probably answered some theory questions about modes you'll
>>>>never use and formulas you'll never see again. Maybe we should just
>>>>eliminate the theory exam, too.
>>
>>>and what do we gain by doing that it is certainly an option when
>>>eleimate code testing we eleimate something that makes the ARS look
>>>stpuid obviously we gain by that
>>
>>Look stupid? Oh, excuse me!
> yes you are stupid and anothe rof the usenet cowards
>
>>
>>There are a lot of people who don't want to be bothered with the
>>theory exam, either. And when it comes right down to it, what do we
>>really need a theory exam for?
> you tell me
>
> I think it benifits the ARS by insuring that new hams reconize the
> term and the rules involved in the ARS
>
> don't you think it does that?
>
>> Most CB'ers and electronic hobbyists
>>have the technical expertise to put a multi-band rig and antenna on
>>the air and start operating without any trouble at all.
>
> and many so Indeed we could despense with the technical question sif
> it was found to be to our benifit
>
>> They feel they
>>shouldn't need to take a test in order to do that, and a good case may
>>be made in favor of that approach. Homebrew and experiment? Sure, why
>>not? They can do that too. I did when I was on CB, so why can't
>>others? Why should I take a test that includes superflous questions
>>about operating modes and aspects of electronics and computers that I
>>have absolutely no intention of employing in my day to day station

>>operation?
>>
>>Now allow me to put on the "other hat".
>
> pput on such hats as you please
>>
>>CW is a part of amateur radio's heritage and history.
>
> agreed
>>One has to
>>embrace the past to realize where one is today.
> that is merely one method but one is not required to emabrace the past
> or to real;ize where we are today
>> Having said that, CW
>>is not an obsolete mode by any means;
>
> it is obslete
>>it is timeless. It was a viable
>>communications mode 50 years ago, it still is today, and it will still
>>be perfectly viable 10,000 years from now.
>
> which does not prevent it from being oselte
>
> the Longbow it is still a vaible weapon today will be for some time to
> come
>
> it is none the less obeslete
>> It's spectrum efficient
>>and highly effective under adverse conditions. So what if it happens
>>to be dated? There is absolutlely nothing wrong with the preservation
>>and continued use of old but perfectly good technologies.
>
> and I don't object to YOU doing so but I do object to your insistance
> on public specturm being used to do as a complution on all those that
> wish to use it
>> It's just
>>too bad if some operators feel that a certain operating mode reflects
>>badly on the amateur community solely because it's been around for a
>>long time. There is nothing "stupid" about this issue.
>
> what is stupid is this insistance that I must help to preserve some
> thing that YOU value and wish preserved and that I think we would be
> better off leting it go the way of Spark
>>
>>Am I supporting the elimination of the theory exam and promoting the
>>testing of morse skills? Of course not, although I can see how one
>>would reach that conclusion from my statements. I'm being purposely
>>obtuse.
> and insulting
>> What amateur radio needs is BALANCE.

>
> which it will lack as long as the ARS insist on worshiping the ONE
> mode CW above the rest of the ARS combined as the leicense system does
> today
>> It needs operators with
>>a rich set of skills and traits that will set it apart from the other
>>radio services. When those skills and traits cease to exist, the
>>service will perish, and eventually the spectrum will be sold to the
>>highest bidder.
>>
>>My $.02 Draw your own conclusions.
> my conclusion is that you will twist truth and logic anyway you like
> to achive your end
>
> for that matter so will I
>>
>>- - . . . . . - -
>>
>>NT
> http://kb9rqz.blogspot.com/
>
> --
> Posted via a free Usenet account from http://www.teranews.com
>

Indeed we could dispense with much of the technical qualifications some day. The technical part is basically an attempt to make sure the amatuer is competent enough to operate their equipment in a maner that does not interfere with other services outside of his designated allocation of spectrum, in other words, within FCC regulations. At such a time when all equipment is made idiot proof and all hams use store bought idiot proofed gear we may see this.So far the one experiment at this has failed. You think you have something idiot proof and then guess what, someone makes a better idiot. So I am not worried about requirement of theory going away. As far a CW is concerned to gain the privledges hams have today they had to show they were a national asset. Part of being that asset was our ability to process emergency traffic should the need arrive. At the time CW was needed to accomplish this. It is no longer needed to meet our obligation of service. OF course this begs the question, can we fullfil our obligation. To this I believe we can, but are we really needed. CW has been replaced by other technologies, it would make more sense to require typing skills than CW, an idea I dont think is so bad even though I may have trouble with twenty wpm on a keyboard.

1014. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 02:46:38 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <9AgZg.62283$KR1.42304@bignews2.bellsouth.net>
Source record: 50888
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

<LenAnderson@ieee.org> wrote in message
news:1159681014.774892.184650@e3g2000cwe.googlegroups.com...
> From: Nada Tapu on Sat, Sep 30 2006 2:23 pm
>
>
>>On Fri, 29 Sep 2006 20:56:08 -0400, Mark@kb9rqz.net wrote:
>
>>>no slow code the number are down because with Code testing looks so
>>>stpupid
>>
>>The numbers are down for a variety of reasons, but I suspect that
>>computers and the internet are the major factors, not the CW
>>requirement.
>
> The ready-built Personal Computer first appeared in 1976,
> 30 years ago (the "IBM PC" debuted in 1980, 26 years ago).
> The Internet went public in 1991, 15 years ago.
> "Restructuring" to drop the morse test rate to 5 WPM
> for all such tests happened only 6 years ago.
>
> The peak licensing of 737,938 happened on 2 Jul 03, just
> 3 years ago. [they've been dropping at an average of 7K
> per year ever since]
>
> I disagree on your reasons stated in your quote above.
>
>>When I ask technical people about why they haven't
>>acquired an interest in amateur radio, I never get the CW requirement
>>as a response.
>
> Strange, I hear that response. Having been IN radio-
> electronics for over a half century, I DO know some
> "technical people." :-)
>
> Manual radiotelegraphy was a MUST to use early radio
> as a communications medium. The technology of early
> radio was primitive, simple, and not yet developed.
> On-off keying was the ONLY practical way to make it
> possible to communicate. Morse code was then already
> mature and a new branch of communications was open
> to use by downsized landline telegraphers.
>
>> They simply view the whole service as outmoded in the

>>face of modern telecommunications.
>
> PART of that IS true. NOT all of it.
>
> What IS outmoded (technically) is sitting only on HF
> and "working" other stations with morse radiotelegraphy.
> Amateur radio is the ONLY radio service still using
> morse radiotelegraphy for communications purposes.
>
> Another thing outmoded is the strict "necessity" to use
> a formalism in "procedure" AS IF it was "professional"
> radio. That formalism was established between 50 to 70
> years ago. Amateur radio, by definition, is NOT
> professional. Too many olde-tymers want to PRETEND
> they are pros in front of their ham rigs.
>
> But, there is still an enormous area of the EM spectrum
> that is still open for experimentation, for just the fun
> of doing something out of the ordinary above 30 MHz.
> That can be a very different RF environment, much much
> different than the technology available in the 20s and
> 30s. It has exciting possibilities...except for the
> rutted and mired olde-tymers unable to keep up with new
> things, secure in their own dreams of youth and simple
> technological environment.
>
>>Let's face it.. the romance is gone.
>
> Oh, boo hoo...the "romance" of the 1930s is gone? Yes,
> it IS. The "pioneering of the airwaves" below 30 MHz
> has been DONE...mostly by the pros of radio (despite what
> the ARRL claims). DONE a long time ago. The solid-state
> era came into being about 45 years ago and has
> revolutionized ALL electronics (radio is a subset of that).
>
> Except as memorabilia trinkets of the past, GONE is the
> analog VFO, GONE is the one-tube regenerative receiver,
> GONE is the single-crystal-single-frequency Tx, GONE is
> the big, bulky AM modulator amplifier, GONE is the not-
> knowing-when-the-bands-are-open (solar activity and
> ionosonding solved that and HF MUF is a predictable
> item that can be found by a computer program). Except
> for the boatanchor afficionados, vacuum tubes are GONE
> for nearly everything but high-power transmitters.
>
> The radio world of today is NOT that of 1950, nor of
> 1960, nor 1970, nor even 1980s. It keeps changing,
> advancing, the state of the art never static. For the
> stuck-in-the-mud olde tymers that is terrible...they
> feel insecure on not being able to keep up, become

> aggressive to newcomers ("no kids, lids or space
> cadets") and retreat to the "secure" mode of their
> youth, "CW." But, they want to make sure They get
> the respect they feel they've "earned" (as if) so
> they try and try and try to bring all down to THEIR
> level...the code test MUST stay..."because."
>
> There are 100 million two-way radios in use in the USA
> alone, millions more in other countries. Those are the
> cellular telephones. There are millions of VHF and UHF
> transceivers in the USA, working daily for public
> safety agencies, ships, private boats, air carriers as
> well as private airplanes. There are tens of thousands
> of HF transceivers in use in the USA, users being
> everyone from government agencies to private boat
> owners, ALL exclusive of amateur radio users. Where is
> the "romance" in all this Plenty from a cornucopia that
> all have grabbed? It is GONE, yes.
>
> But, NEW "romances" await. DIFFERENT ones, I'd say a
> helluva lot more complex than old, simple "radio." We
> can't relive old "romances" except in our minds and we
> can't grow physically younger. Only person-to-person
> romance is TRUE, the other "romance" is of the
> imagination, of the fantasy of what was once there.
> This fantasy "romance" can't be brought back. It can't
> be legislated into remaining static. The rules and
> regulations have to change to keep up with the NOW.
>
> LenAnderson@ieee.org
>

Total agreement here, our obligation of service to to earn our privlegdes
doesnt end with what we have done but with what we have done lately.

1015. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 03:28:20 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <obhZg.17462$6S3.13068@newssvr25.news.prodigy.net>
Source record: 50889
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Jimmie D wrote:
> Total agreement here, our obligation of service to earn our privlegdes
> doesnt end with what we have done but with what we have done lately.

The "service" provided by the Amateur Radio Service
is a service provided *by* the federal government
to the citizens who meet the amateur radio licensing
requirements. There is no governmental requirement or
obligation that amateur radio operators render any public
service at all. Amateur radio licensees are not even
required to own a radio.

"Service", in this context, is just an administrative
division of government.
--
73, Cecil http://www.w5dxp.com

1016. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 03:50:31 UTC
From: Mark@kb9rqz.net
Message-ID: <7m8bj2d7761if23g8tncirasmgf5a44akf@4ax.com>
Source record: 50890
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Tue, 17 Oct 2006 22:28:17 -0400, "Jimmie D"
<jimmiedee@bellsouth.net> wrote:

>
><Mark@kb9rqz.net> wrote in message
>news:tk4uh2dh82m53rpoucr8nduc0ous56rf0e@4ax.com...
>> On Sat, 30 Sep 2006 19:27:33 -0500, Nada Tapu <user@host.domain>
>> wrote:
>>
>>>On Sat, 30 Sep 2006 16:39:47 -0400, Mark@kb9rqz.net wrote:
>>>
>>>>>>And you probably answered some theory questions about modes you'll
>>>>>>never use and formulas you'll never see again. Maybe we should just
>>>>>>eliminate the theory exam, too.
>>>
>>>>>>and what do we gain by doing that it is certainly an option when
>>>>>>eleimate code testing we eleimate something that makes the ARS look
>>>>>>stpuid obviously we gain by that
>>>
>>>Look stupid? Oh, excuse me!
>> yes you are stupid and anothe rof the usenet cowards
>>
>>>
>>>There are a lot of people who don't want to be bothered with the
>>>theory exam, either. And when it comes right down to it, what do we
>>>really need a theory exam for?
>> you tell me
>>
>> I think it benifits the ARS by insuring that new hams reconize the
>> term and the rules involved in the ARS
>>
>> don't you think it does that?
>>
>>> Most CB'ers and electronic hobbyists
>>>have the technical expertise to put a multi-band rig and antenna on
>>>the air and start operating without any trouble at all.
>>
>> and many so Indeed we could despense with the technical question sif
>> it was found to be to our benifit
>>
>>> They feel they
>>>shouldn't need to take a test in order to do that, and a good case may
>>>be made in favor of that approach. Homebrew and experiment? Sure, why

>>>not? They can do that too. I did when I was on CB, so why can't
>>>others? Why should I take a test that includes superflous questions
>>>about operating modes and aspects of electronics and computers that I
>>>have absolutely no intention of employing in my day to day station
>>>operation?
>>>
>>>Now allow me to put on the "other hat".
>>
>> pput on such hats as you please
>>>
>>>CW is a part of amateur radio's heritage and history.
>>
>> agreed
>>>One has to
>>>embrace the past to realize where one is today.
>> that is merely one method but one is not required to emabrace the past
>> or to real;ize where we are today
>>> Having said that, CW
>>>is not an obsolete mode by any means;
>>
>> it is obslete
>>>it is timeless. It was a viable
>>>communications mode 50 years ago, it still is today, and it will still
>>>be perfectly viable 10,000 years from now.
>>
>> which does not prevent it from being oselte
>>
>> the Longbow it is still a vaible weapon today will be for some time to
>> come
>>
>> it is none the less obeslete
>>> It's spectrum efficient
>>>and highly effective under adverse conditions. So what if it happens
>>>to be dated? There is absolutlely nothing wrong with the preservation
>>>and continued use of old but perfectly good technologies.
>>
>> and I don't object to YOU doing so but I do object to your insistance
>> on public specturm being used to do as a complution on all those that
>> wish to use it
>>> It's just
>>>too bad if some operators feel that a certain operating mode reflects
>>>badly on the amateur community solely because it's been around for a
>>>long time. There is nothing "stupid" about this issue.
>>
>> what is stupid is this insistance that I must help to preserve some
>> thing that YOU value and wish preserved and that I think we would be
>> better off leting it go the way of Spark
>>>
>>>Am I supporting the elimination of the theory exam and promoting the
>>>testing of morse skills? Of course not, although I can see how one

>>>would reach that conclusion from my statements. I'm being purposely
>>>obtuse.
>> and insulting
>>> What amateur radio needs is BALANCE.
>>
>> which it will lack as long as the ARS insist on worshiping the ONE
>> mode CW above the rest of the ARS combined as the leicense system does
>> today
>>> It needs operators with
>>>a rich set of skills and traits that will set it apart from the other
>>>radio services. When those skills and traits cease to exist, the
>>>service will perish, and eventually the spectrum will be sold to the
>>>highest bidder.
>>>
>>>My $.02 Draw your own conclusions.
>> my conclusion is that you will twist truth and logic anyway you like
>> to achive your end
>>
>> for that matter so will I
>>>
>>>- - . . . . . - -
>>>
>>>NT
>> http://kb9rqz.blogspot.com/
>>
>> --
>> Posted via a free Usenet account from http://www.teranews.com
>>
>
>Indeed we could dispense with much of the technical qualifications some day.
>The technical part is basically an attempt to make sure the amatuer is
>competent enough to operate their equipment in a maner that does not
>interfere with other services outside of his designated allocation of
>spectrum, in other words, within FCC regulations. At such a time when all
>equipment is made idiot proof and all hams use store bought idiot proofed
>gear we may see this.So far the one experiment at this has failed. You think
>you have something idiot proof and then guess what, someone makes a better
>idiot. So I am not worried about requirement of theory going away.
indeed neither am I nor any thinking ham the theory will likely gorwo
to eb aa smaller part over time in favor the rules and pruely safety
realted issues as well which is much as it should be IMO (and
apreantly ythe FCC)

> As far a
>CW is concerned to gain the privledges hams have today they had to show they
>were a national asset. Part of being that asset was our ability to process
>emergency traffic should the need arrive. At the time CW was needed to
>accomplish this. It is no longer needed to meet our obligation of service.
>OF course this begs the question, can we fullfil our obligation. To this I
>believe we can, but are we really needed. CW has been replaced by other

>technologies, it would make more sense to require typing skills than CW, an
>idea I dont think is so bad even though I may have trouble with twenty wpm
>on a keyboard.

You Know i think we can and general do fufill our service obligation
althought I see wht we wil as More holding the fanks and protecting
the abilty of EMS to do it jobs and leave us to keep the gal looking
for here cat off their backs. I honestly think that much of what the
EMS see as our value in most areas

but typing (with maybe the option of some other test like solderiring
or anttenan making the biggest problem with the CW is IMO the fact it
tries to stamp us the hams out in single mold

which explains the vitriol of the some the ProCoder the Nocoders are
rejecting the mold they fit so well into. I would love to see a system
where there were severlal possible tracks to advance (asumming we stay
with something like the incentive license system the current system
and any likely future of it ivolves tring to make us all the same
which we never were and will be less and less of in the future. Trying
to dicuss my efforts and sucesses and failures with EME ops is like
trying to speak in sancript to crowd speaking latin
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1017. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 03:54:05 UTC
From: Mark@kb9rqz.net
Message-ID: <h89bj2539tm0gbi9fudsrk7vhg5objjvin@4ax.com>
Source record: 50891
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Wed, 18 Oct 2006 02:10:08 GMT, **THE-RFI-EMI-GUY**
<rhyolite@nettally.com> wrote:

>Amazing; A new ham is excited about getting his ticket and these clowns
>get into his face about CW.

is there any wonder the Slow code is rightly ashamed to give his call
>
>Next we will hear more griping about the hobby dying. No wonder. Just
>read these posts, who would want to be associated with such clowns. I am
>always amazed these clowns are so familiar with CB model numbers etc.
indeed Slow Code know CB models and number far better than I do and he
insits I am CB'er and want to turn the ARS into CB
>
>Slow Code wrote:
>
>>Papa Dog <papadogbg@yahoo.com> wrote in
>>news:MPG.1f9b72ea52e3e77f989a42@news-server.carolina.rr.com:
>>
>>
>>
>>>Passed my Tech Exam today. Only missed one question.
>>>
>>>
>>
>>
>>No, You missed another ten questions, the CW questions, but since the
>>Tech license is dumbed down you weren't tested on them.
>>
>>Don't know which HT to recommend, but a lot of No-codes like the
>>Cobra 148GTL for HF.
>>
>>SC
>>
>>
>Amazing; A new ham is excited about getting his ticket and these clowns
>get into his face about CW.
>
>Next we will hear more griping about the hobby dying. No wonder. Just
>read these posts, who would want to be associated with such clowns. I am
>always amazed these clowns are so familiar with CB model numbers etc.
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1018. SteppIR's new 40-30M dipole add-on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 04:10:59 UTC
From: jawod <jawod@fuse.net>
Message-ID: <eb35a$4535a9f5$4831cd39$10358@FUSE.NET>
Source record: 50892

A short while ago, I posted about an idea of a sort of homebrew "steppIR" variable Moxon. Responses indicated that the Moxon design required critical lengths and distances for the folded arms in the design. I.e., this design was not feasible.

In the newest QST there is an ad for SteppIR's 30-40 M add-on element that appears to be similar to what I was talking about.

How would this "folding" dipole behave and what is the difference between what SteppIR has done and a theoretically variable Moxon?

Thanks

John
AB8O

1019. Re: SteppIR's new 40-30M dipole add-on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 05:29:38 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1161149378.097451.11460@k70g2000cwa.googlegroups.com>
Source record: 50893

John,

The Moxon is a beam that relies on the element end gap to set up the feed impedance and directional properties. You basically need to mechanically scale the whole array, width, depth, and gap in order to keep it working like a Moxon.

The SteppIR curved dipole thing that goes down to 40m is just an end loaded dipole that uses a transmission line stub as the loading.

It's just a regular dipole until the element goes around the curve, then the doubling back adds a transmission line stub to the ends of the dipole, bringing it to resonance at a lower frequency. I tried it in EZNEC.

This would be a fairly buildable antenna except for the sliding contacts at the feedpoint.

Dan

1020. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 07:43:31 UTC
From: VIVA MEXICO CABRONES! <vivamexico@migente.com.ar>
Message-ID: <d1bg6.467.19.1@news.alt.net>
Source record: 50894
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

> No, You missed another ten questions, the CW questions, but since the
> Tech license is dumbed down you weren't tested on them.
>
> Don't know which HT to recommend, but a lot of No-codes like the
> Cobra 148GTL for HF.
That was classic!!!!!

1021. Re: how to eliminate mechanical resonance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 08:46:45 UTC
From: francesco.messineo@gmail.com
Message-ID: <1161161205.507822.144420@e3g2000cwe.googlegroups.com>
Source record: 50895

Hi Gene,

> francesco.messineo@gmail.com wrote:
> > Hello all,
> > I build one year ago an 8 element 50 MHz yagi. Boom is made with 50 mm
> > square aluminum tubing with
> > a second square tube on the center of the antenna to strenghten the
> > boom. Elements are made with 20 mm
> > round aluminum tube in electrical contact with the boom. The antenna is
> > a good performer but it has one
> > problem: it sounds even in light wind and vibrations come down the mast
> > and are very annoying in the whole
> > house. The worst problem is that resonance succeeded in unscrewing the
> > rotor bolts. I'm going to use a
> > special for bolts and screws but I'd like to find a method to avoid
> > mechanical resonance of the antenna.
> > Does anyone know a good method? Would it be better to add two insulated
> > pulling wires at both ends of the boom (even if probably also elements
> > produce udible resonance)?
> > Thanks in advance
> >
> > Francesco IS0FKQ/I8
> >
>
> Hi Francesco,
>
> You did not describe the vibrations, so this may be off base. If it is a
> "sound", then perhaps the tubing is acting like a flute. Plugging the
> ends of the open tubes would stop the sound. It may be necessary to
> leave a small hole for drainage.

The sound is low frequency, I'd say less than 100 Hz with amplitude
modulation of 1-2 Hz probably
due to boom vibration. I thought about flute effect but I think it
would be an higher pitch in that
case. I read many interesting suggestions though, I hope to be able to
try some of them in the next
week end.

73

Francesco IS0FKQ/I8

1022. Re: 2 meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 11:06:10 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <duednRgWb6U5l6vYnZ2dnUVZ_tadnZ2d@bright.net>
Source record: 50896

I won't debate the differences in patterns, as I have no data on the patterns for the NBS designs. In the ones I've built, gains measured were pretty close to what they claimed and the claimed gains of the K1FO style antennas from Directive Systems http://www.directivesystems.com/antenna4.htm (for the same number of elements) is usually within a quarter to a half of a dB of the claimed gains of the NBS designs. I didn't notice a high sensitivity to build errors. I used the design lengths and diameters of the elements on a wood boom. On my 222 version, I used the T match (same thing as the K1FO designs) and all I had to do was shorten the driven element to get zero reflected power (which was expected since you need to make the driven capacitive to tune out the inductance of the matching rods). Not sure what you mean by horrid bandwidth...are the NBS designs too narrow or too wide? Again, I've never noticed that as being a problem because I only use my (222 for example) antenna from about 222.100 to 222.150.

Scott
N0EDV

Tom Ring wrote:
> Scott wrote:
>
>> If you don't mind having a little less gain than is ultimately
>> possible by using an antenna modeling program, the NBS (Nation Bureau
>> of Standards) designs are pretty straight-forward.
>
>
> NBS yagis were quite horrible actually. Not good gain, horrid
> bandwidth, high sensitivity to build errors , crummy patterns compared
> to anything since the early 90's. Don't bother.
>
> tom
> K0TAR
>

1023. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 12:43:02 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1161175382.907853.310250@m7g2000cwm.googlegroups.com>
Source record: 50897
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

an_old_friend wrote:
> hot-ham-and-cheese@hotmail.com wrote:
> > Slow Code wrote:
> > > hot-ham-and-cheese@hotmail.com wrote in
> > > news:1161028898.573069.307150@e3g2000cwe.googlegroups.com:
> > > > an_old_friend wrote:
>
> > > But if you and Markie ever get full HF privledges, God & Hiram Help us.
> > >
> > Why? Do you fear us working out of band Frenchmen? We could do that
> > just as well on 6 Meters.

> BB I belieeve you have mentioned passing a code test at some point that
> would allow you fullaccess to hf today I could look up your license or
> you could tell me

I passed the Novice exam in Nov 1986. 5WPM. I'm presently a General,
so I'm fully qualified to work out of band Frenchmen on 6M or on HF.
Maybe they'll even put me in for the ARRL's A-1 Operator Club.

1024. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 15:26:52 UTC
From: an old friend <kb9rqz@hotmail.com>
Message-ID: <1161185212.294474.315110@i3g2000cwc.googlegroups.com>
Source record: 50898
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

VIVA MEXICO CABRONES! wrote:
> > No, You missed another ten questions, the CW questions, but since the
> > Tech license is dumbed down you weren't tested on them.
> >
> > Don't know which HT to recommend, but a lot of No-codes like the
> > Cobra 148GTL for HF.
> That was classic!!!!!
agared a classic example of the moral bankruptcy of the ProCoders

1025. Re: how to eliminate mechanical resonance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 18:54:23 UTC
From: Dan Andersson <dan@andersson.co.uk>
Message-ID: <5NKdndZoBPb95avYnZ2dnUVZ8smdnZ2d@eclipse.net.uk>
Source record: 50899

francesco.messineo@gmail.com wrote:

> Hello all,
> I build one year ago an 8 element 50 MHz yagi. Boom is made with 50 mm
> square aluminum tubing with
> a second square tube on the center of the antenna to strenghten the
> boom. Elements are made with 20 mm
> round aluminum tube in electrical contact with the boom. The antenna is
> a good performer but it has one
> problem: it sounds even in light wind and vibrations come down the mast
> and are very annoying in the whole
> house. The worst problem is that resonance succeeded in unscrewing the
> rotor bolts. I'm going to use a
> special for bolts and screws but I'd like to find a method to avoid
> mechanical resonance of the antenna.
> Does anyone know a good method? Would it be better to add two insulated
> pulling wires at both ends of the boom (even if probably also elements
> produce udible resonance)?
> Thanks in advance
>
> Francesco IS0FKQ/I8

Don't make it complicated! Complicated equals heavy!

You most probably suffer from the effects of turbulence combined with harmonics from the aerial design itself.

The immediate solution is to do what you do with high chimneys and car radio aerials - you wind a thin spiral round the full (most?) length of the aerial rods. This will break most of the turbulence. You choose lightweight and thin material for this. Try a couple of materials until you are happy. Also, bear in mind that it might only be one part of the aerial that generates the problem!

By adding ropes etc, you just contain the result of the turbulence and the harmonics! By adding the spiral around the antenna rods, you have a good chance of eliminating the source of the problem which is the rods being susceptive to air turbulence, created by the environment as well as the aerial construction itself.

The reasons for adding spirals on high rise chimneys are twofold, first to create a controlled turbulence as an added up draft as well as eliminating the possibility of creating a self oscillation due to the air pressure/turbulence and the harmonics generated in the design.

By adding these spirals, your aerial will be susceptive to icing at cold weather! Check so that you don't get a crashing aerial because of heavy ice coating!

Cheers

Dan / M0DFI

1026. Re: how to eliminate mechanical resonance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 21:10:41 UTC
From: Wes Stewart <n7ws*@*yahoo.com>
Message-ID: <j16dj2tn7nfl4f32b0j1kalss5eecvh3gt@4ax.com>
Source record: 50900

On 18 Oct 2006 01:46:45 -0700, francesco.messineo@gmail.com wrote:

Francesco

Do you receive my email?

Wes N7WS

1027. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 22:02:05 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <ovxZg.29$Zn1.8@bignews2.bellsouth.net>
Source record: 50901

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:obhZg.17462$6S3.13068@newssvr25.news.prodigy.net...
> Jimmie D wrote:
>> Total agreement here, our obligation of service to earn our privlegdes
>> doesnt end with what we have done but with what we have done lately.
>
> The "service" provided by the Amateur Radio Service
> is a service provided *by* the federal government
> *to* the citizens who meet the amateur radio licensing
> requirements. There is no governmental requirement or
> obligation that amateur radio operators render any public
> service at all. Amateur radio licensees are not even
> required to own a radio.
>
> "Service", in this context, is just an administrative
> division of government.
> --
> 73, Cecil http://www.w5dxp.com

No, I am talking about the service we should be providing. In the spirit of JFK's "ask not what your contry can do for you speech". You are correct that there is no requirement as defined by law but there certainly is a moral one that should be defined by your character.

1028. Re: 2 meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 22:05:30 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <KyxZg.2415$vK.529@tornado.southeast.rr.com>
Source record: 50902

Thanks for all the information everyone...
The only ARRL antenna book I have is the one on wire antennas, If you could suggest one that covers yagi antennas in detail, I am sure they still sell it. I think that I could build one a lot cheaper than buying one and learn something at the same time.

I would like the best gain possible (who wouldn't) However, I need something that has the smallest lobe(s) off the sides and back. (I know the two more or less coincide with each to a large degree.

To give you an idea of what I am trying to do...I have some land in Richlands NC. I am a member of several ham clubs in the Charleston,SC area that has repeaters fairly close to the SC,NC state lines. I would like to be able to make it into one of those repeaters from Richlands, NC. (that may only work when the bands open up every now and again)
I do not want to key up every repeater on the same freq. to the sides or the back of the antenna.
So I bow down to the elmers and those who can point me in the right direction. BTW. the antenna will be at least 60' high but possibley up to 110' high depending on tower funds when I move.

Im good at QRZ and ARRL
Thanks again
Joe KI4ILB
Solar powered ham radio

"Tom Ring" <news0003@taring.org> wrote in message
news:45357cb2$0$6148$39cecf19@news.twtelecom.net...
> Scott wrote:
>
> > If you don't mind having a little less gain than is ultimately possible
> > by using an antenna modeling program, the NBS (Nation Bureau of
> > Standards) designs are pretty straight-forward. For a 6 element Yagi,
> > here is element lengths and spacings for building with insulated
> > elements (insulated from the boom, so I would use wood, 1" X 2" X 8.5')
> >
> > Lengths:
> > Reflector = 3' 4"
> > Driven = 3' 2-3/16"
> > Dir 1 = 3' 7/8"
> > Dir 2 = 3' 7/16"
> > Dir 3 = 3' 7/16"
> > Dir 4 = 3' 7/8"
> >
> > Spacing:

> > Ref to Driven = (187.2/Fc) X 12
> > Spacing between all other elements = (234/Fc) X 12
> > where Fc is the design center frequency in MHz, ie 146 for the center of
> > the FM portion). The spacing calculations give the answer in inches.
> >
> > Then you need to feed it. I use delta matches. Are you good at
> > qrz.com? If so I can send you a drawing of the feed to get you started
> > (but you would need an SWR meter that works at 2M to get it adjusted).
> >
> > Scott
> > N0EDV
> >
>
> Sorry, I didn't give an alternatives in my previous email. Please see
> the K1FO series in the ARRL antenna books. They are among absolutely
> the best possible, very replicable,, low build sensitivity, and fairly
> short to very long boom plans are available.
>
> If you do not have one of the ARRL Antenna books available, I, or others
> here, have copies as needed.
>
> tom
> K0TAR
>

1029. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 22:17:26 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <WJxZg.16114$e66.6274@newssvr13.news.prodigy.com>
Source record: 50903

Jimmie D wrote:
> No, I am talking about the service we should be providing. In the spirit of
> JFK's "ask not what your contry can do for you speech".

JFK's speech contradicting this country's founding
principles was just democratic rhetoric. This country
was founded "for the people" NOT for the government.
--
73, Cecil http://www.w5dxp.com

1030. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 22:49:36 UTC
From: Dee Flint <deeflint01@comcast.net>
Message-ID: <ap-dnXC1d5QNMqvYnZ2dnUVZ_o-dnZ2d@comcast.com>
Source record: 50904
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

"VIVA MEXICO CABRONES!" <vivamexico@migente.com.ar> wrote in message
news:d1bg6.467.19.1@news.alt.net...
>> No, You missed another ten questions, the CW questions, but since the
>> Tech license is dumbed down you weren't tested on them.
>>
>> Don't know which HT to recommend, but a lot of No-codes like the
>> Cobra 148GTL for HF.
> That was classic!!!!!

However, the way Slow Code slams new hams is totally unacceptable. He tries to drive them out instead of encouraging them to go for the gusto.

Dee, N8UZE

1031. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-18 23:05:25 UTC
From: Mark@kb9rqz.net
Message-ID: <3pcdj29ohp3kl8bu6s5ec2a1fauptkt116@4ax.com>
Source record: 50905
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Wed, 18 Oct 2006 18:49:36 -0400, "Dee Flint"
<deeflint01@comcast.net> wrote:

>
>"VIVA MEXICO CABRONES!" <vivamexico@migente.com.ar> wrote in message
>news:d1bg6.467.19.1@news.alt.net...
>>> No, You missed another ten questions, the CW questions, but since the
>>> Tech license is dumbed down you weren't tested on them.
>>>
>>> Don't know which HT to recommend, but a lot of No-codes like the
>>> Cobra 148GTL for HF.
>> That was classic!!!!!
>
>However, the way Slow Code slams new hams is totally unacceptable. He tries
>to drive them out instead of encouraging them to go for the gusto.

you are only slightly better Dee
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1032. CW isn't preventing the modernization of ham radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 00:10:41 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <5ozZg.8940$Lv3.5959@newsread1.news.pas.earthlink.net>
Source record: 50906
Cross-posted to: alt.radio.scanner,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.amateur.antenna,rec.radio.swap

New Hams just don't want to modernize, they're lazy and don't want to have to learn anything. I'm a 20 wpm Extra and the code requirement didn't stop me from modernizing beyond a microphone and CW. So don't believe anyone that says CW is killing ham radio. They're just sick, lame or Lazy.

SC

1033. Re: Here the R&O-- FCC if interested.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 00:10:46 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <aozZg.8944$Lv3.8635@newsread1.news.pas.earthlink.net>
Source record: 50907
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,alt.usenet.kooks

bill_newport.4land@yahoo.com wrote in
news:1161070545.110589.149070@i42g2000cwa.googlegroups.com:

>
> john wrote:
>> Slow Code if you act like this on the radio I wouldn't want to know
>> you.
>>
>>
>
> John, the truth is if you talked to SC in person you'd drop to your
> knees trying to kiss his ass. You're a typical welfare ham. Now go play
> with your little HT, faggot!
>
>

ROFLMAO, that was good. Can you make him stop humping my leg?

SC

1034. Re: I listen to Omega One Radio

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 00:10:49 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <dozZg.8946$Lv3.4879@newsread1.news.pas.earthlink.net>
Source record: 50908
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Papa Dog <papadogbg@yahoo.com> wrote in
news:MPG.1f9f3f85b75ed590989a4a@news-server.carolina.rr.com:

> In article <ftgXg.8076$Y24.1470@newsread4.news.pas.earthlink.net>,
> my.mail@no.spam says...
>> Papa Dog <papadogbg@yahoo.com> wrote in
>> news:MPG.1f9612a4234542aa989a40@news-server.carolina.rr.com:
>>
>> > In article <eACVg.5938$Y24.3847@newsread4.news.pas.earthlink.net>,
>> > my.mail@no.spam says...
>> >> "Not Cocksucker Lloyd" <not_time_turd_lloyd@yahoo.com> wrote in
>> >> news:1160134904.164213.315210@b28g2000cwb.googlegroups.com:
>> >>
>> >> >
>> >> > Slow Code wrote:
>> >> >>
>> >> >> He doesn't have intellect.
>> >> >
>> >> > Why are you answering your own sockpuppets, Sniveling Cunt?
>> >> >
>> >>
>> >>
>> >> Mrs. Wiseman.
>> >>
>> >> You have a filthy mouth.
>> >>
>> >> SC
>> >>
>> > Pot Kettle Black!
>>
>>
>> Wrong.
>>
>> Maybe you should undo your killfilter for a day or two so you can see
>> what the filth in RRAP looks like.
>
> I'm just adding you to it. Cleans up the noise ratio on all the groups!

He's upset because he knows CW makes a valuable ham, and he couldn't cut
it. That's OK, I encouraged him to at least try to learn CW while I could
before I ended up in his killfilters...

NEXT!

SC

1035. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 00:10:53 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <hozZg.8949$Lv3.3667@newsread1.news.pas.earthlink.net>
Source record: 50909
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"an_odd_freak" <konstans@hotmail.com> wrote in
news:1161135623.020165.120820@e3g2000cwe.googlegroups.com:

>
> hot-ham-and-cheese@hotmail.com wrote:
>> Slow Code wrote:
>> > hot-ham-and-cheese@hotmail.com wrote in
>> > news:1161028898.573069.307150@e3g2000cwe.googlegroups.com:
>> > > an_old_friend wrote:
>
>> > But if you and Markie ever get full HF privledges, God & Hiram Help
>> > us.
>>
>> Why? Do you fear us working out of band Frenchmen? We could do that
>> just as well on 6 Meters.
> BB I belieeve you have mentioned passing a code test at some point that
> would allow you fullaccess to hf today I could look up your license or
> you could tell me

The FCC still has the old CB calls in a database?

SC

1036. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 00:10:57 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <lozZg.8950$Lv3.141@newsread1.news.pas.earthlink.net>
Source record: 50910
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Jimmie D" <jimmiedee@bellsouth.net> wrote in
news:%igZg.62280$KR1.12110@bignews2.bellsouth.net:

>
> <Mark@kb9rqz.net> wrote in message
> news:tk4uh2dh82m53rpoucr8nduc0ous56rf0e@4ax.com...
>> On Sat, 30 Sep 2006 19:27:33 -0500, Nada Tapu <user@host.domain>
>> wrote:
>>
>>>On Sat, 30 Sep 2006 16:39:47 -0400, Mark@kb9rqz.net wrote:
>>>
>>>>>>And you probably answered some theory questions about modes you'll
>>>>>>never use and formulas you'll never see again. Maybe we should just
>>>>>>eliminate the theory exam, too.
>>>
>>>>>>and what do we gain by doing that it is certainly an option when
>>>>>>eleimate code testing we eleimate something that makes the ARS look
>>>>>>stpuid obviously we gain by that
>>>
>>>Look stupid? Oh, excuse me!
>> yes you are stupid and anothe rof the usenet cowards
>>
>>>
>>>There are a lot of people who don't want to be bothered with the
>>>theory exam, either. And when it comes right down to it, what do we
>>>really need a theory exam for?
>> you tell me
>>
>> I think it benifits the ARS by insuring that new hams reconize the
>> term and the rules involved in the ARS
>>
>> don't you think it does that?
>>
>>> Most CB'ers and electronic hobbyists
>>>have the technical expertise to put a multi-band rig and antenna on
>>>the air and start operating without any trouble at all.
>>
>> and many so Indeed we could despense with the technical question sif
>> it was found to be to our benifit
>>
>>> They feel they
>>>shouldn't need to take a test in order to do that, and a good case may
>>>be made in favor of that approach. Homebrew and experiment? Sure, why

>>>not? They can do that too. I did when I was on CB, so why can't
>>>others? Why should I take a test that includes superflous questions
>>>about operating modes and aspects of electronics and computers that I
>>>have absolutely no intention of employing in my day to day station
>>>operation?
>>>
>>>Now allow me to put on the "other hat".
>>
>> pput on such hats as you please
>>>
>>>CW is a part of amateur radio's heritage and history.
>>
>> agreed
>>>One has to
>>>embrace the past to realize where one is today.
>> that is merely one method but one is not required to emabrace the past
>> or to real;ize where we are today
>>> Having said that, CW
>>>is not an obsolete mode by any means;
>>
>> it is obslete
>>>it is timeless. It was a viable
>>>communications mode 50 years ago, it still is today, and it will still
>>>be perfectly viable 10,000 years from now.
>>
>> which does not prevent it from being oselte
>>
>> the Longbow it is still a vaible weapon today will be for some time to
>> come
>>
>> it is none the less obeslete
>>> It's spectrum efficient
>>>and highly effective under adverse conditions. So what if it happens
>>>to be dated? There is absolutlely nothing wrong with the preservation
>>>and continued use of old but perfectly good technologies.
>>
>> and I don't object to YOU doing so but I do object to your insistance
>> on public specturm being used to do as a complution on all those that
>> wish to use it
>>> It's just
>>>too bad if some operators feel that a certain operating mode reflects
>>>badly on the amateur community solely because it's been around for a
>>>long time. There is nothing "stupid" about this issue.
>>
>> what is stupid is this insistance that I must help to preserve some
>> thing that YOU value and wish preserved and that I think we would be
>> better off leting it go the way of Spark
>>>
>>>Am I supporting the elimination of the theory exam and promoting the
>>>testing of morse skills? Of course not, although I can see how one

>>>would reach that conclusion from my statements. I'm being purposely
>>>obtuse.
>> and insulting
>>> What amateur radio needs is BALANCE.
>>
>> which it will lack as long as the ARS insist on worshiping the ONE
>> mode CW above the rest of the ARS combined as the leicense system does
>> today
>>> It needs operators with
>>>a rich set of skills and traits that will set it apart from the other
>>>radio services. When those skills and traits cease to exist, the
>>>service will perish, and eventually the spectrum will be sold to the
>>>highest bidder.
>>>
>>>My $.02 Draw your own conclusions.
>> my conclusion is that you will twist truth and logic anyway you like
>> to achive your end
>>
>> for that matter so will I
>>>
>>>- - . . . . . - -
>>>
>>>NT
>> http://kb9rqz.blogspot.com/
>>
>> --
>> Posted via a free Usenet account from http://www.teranews.com
>>
>
> Indeed we could dispense with much of the technical qualifications some
> day. The technical part is basically an attempt to make sure the amatuer
> is competent enough to operate their equipment in a maner that does not
> interfere with other services outside of his designated allocation of
> spectrum, in other words, within FCC regulations. At such a time when
> all equipment is made idiot proof and all hams use store bought idiot
> proofed gear we may see this.So far the one experiment at this has
> failed. You think you have something idiot proof and then guess what,
> someone makes a better idiot. So I am not worried about requirement of
> theory going away. As far a CW is concerned to gain the privledges hams
> have today they had to show they were a national asset. Part of being
> that asset was our ability to process emergency traffic should the need
> arrive. At the time CW was needed to accomplish this. It is no longer
> needed to meet our obligation of service. OF course this begs the
> question, can we fullfil our obligation. To this I believe we can, but
> are we really needed. CW has been replaced by other technologies, it
> would make more sense to require typing skills than CW, an idea I dont
> think is so bad even though I may have trouble with twenty wpm on a
> keyboard.

If CW has been replaced by other technologies, why aren't more amateurs doing the modernized modes? It's because they don't want too. Ham radio has been dumbed down and we can't even force hams to use them to be proficient communicators.

CW isn't preventing the modernization of ham radio, Laziness is.

SC

1037. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 00:10:58 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <mozZg.8951$Lv3.7197@newsread1.news.pas.earthlink.net>
Source record: 50911
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

hot-ham-and-cheese@hotmail.com wrote in
news:1161132451.006173.281260@e3g2000cwe.googlegroups.com:

>
> Slow Code wrote:
>> hot-ham-and-cheese@hotmail.com wrote in
>> news:1161028898.573069.307150@e3g2000cwe.googlegroups.com:
>> > an_old_friend wrote:
>> >> hot-ham-and-cheese@hotmail.com wrote:
>> >> > Jimmie D wrote:
>> >> > >
>> >> > > Im sure the numbers would look even wose if the licenses expired
>> >> > > sooner. Most of the new hams I know lose interest in a couple of
>> >> > > years, long befor the licence expires.
>> >> >
>> >> > Those darned new hams. They never should have been licensured in
>> >> > the first place. Didn't have the ooomph to get licensed when the
>> >> > tests were harder so they weren't really that innerested in the
>> >> > first place. Didn't show the proper dedication.
>> >>
>> >> and of course none of the failure of hams to reamin hams is due to
>> >> bullshit they must endure from other hams
>> >
>> > Of course not! Ham radio is a swell fellowship of men. What you see
>> > on RRAP n't ham radio.
>>
>> But if you and Markie ever get full HF privledges, God & Hiram Help us.
>
> Why? Do you fear us working out of band Frenchmen? We could do that
> just as well on 6 Meters.

And on CB.

SC

1038. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 00:10:59 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <nozZg.8952$Lv3.6700@newsread1.news.pas.earthlink.net>
Source record: 50912
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

john <john@nospam.net> wrote in
news:49d8j2h7lm1pqcc2bpt9keju598bpm1qtm@4ax.com:

> Slow Code is a disgrace to Amateur Radio!
>

Thanks John.

I'm glad you enjoy my policy posts.

SC

1039. Re: New FCC Rules

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 00:11:08 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <wozZg.8956$Lv3.4298@newsread1.news.pas.earthlink.net>
Source record: 50913
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Papa Dog <papadogbg@yahoo.com> wrote in
news:MPG.1f9df8f3b0099a28989a47@news-server.carolina.rr.com:

> In article <kEVYg.10357$Y24.4085@newsread4.news.pas.earthlink.net>,
> my.mail@no.spam says...
>
>>
>> Getting a license and then leaving, that's not how it should be.
>>
>> SC
>>
>>
> How many have you personally run off the air?
>
> 73
>
> Chris
>

No one. I'm proposing changes that will help individuals that get
licensed, stay licensed and use their license. Anyone that doesn't
like my proposals can stay on CB.

SC

1040. Re: New FCC Rules

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 00:11:12 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <AozZg.8957$Lv3.2679@newsread1.news.pas.earthlink.net>
Source record: 50914
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

john <john@nospam.net> wrote in
news:g8d8j25r896va0reit442hemcjd2kmhfor@4ax.com:

> Slow Code is a disgrace to Amateur Radio!
>
>

Thanks John.

People that don't want to have to learn anything for a ham
license really hate me. 11 meters dead or something? You
seem to be spending a lot more time on the internet lately.

SC

1041. Outcome based licensing.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 00:11:17 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <FozZg.8958$Lv3.1279@newsread1.news.pas.earthlink.net>
Source record: 50915
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

That's what you all want. An easy way to get a lot of people a ticket. You don't care if they can communicate or if they will be an asset to the service. Sometimes I wonder if you're not all getting kick backs from the ARRL.

SC

1042. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 00:11:24 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <MozZg.8959$Lv3.8077@newsread1.news.pas.earthlink.net>
Source record: 50916
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

THE-RFI-EMI-GUY <rhyolite@nettally.com> wrote in
news:42gZg.29116$YO.19085@tornado.tampabay.rr.com:

> Amazing; A new ham is excited about getting his ticket and these clowns
> get into his face about CW.
>
> Next we will hear more griping about the hobby dying. No wonder. Just
> read these posts, who would want to be associated with such clowns. I am
> always amazed these clowns are so familiar with CB model numbers etc.
>
> Slow Code wrote:
>
>>Papa Dog <papadogbg@yahoo.com> wrote in
>>news:MPG.1f9b72ea52e3e77f989a42@news-server.carolina.rr.com:
>>
>>
>>
>>>Passed my Tech Exam today. Only missed one question.
>>>
>>>
>>
>>
>>No, You missed another ten questions, the CW questions, but since the
>>Tech license is dumbed down you weren't tested on them.
>>
>>Don't know which HT to recommend, but a lot of No-codes like the
>>Cobra 148GTL for HF.
>>
>>SC
>>
>>
> Amazing; A new ham is excited about getting his ticket and these clowns
> get into his face about CW.
>
> Next we will hear more griping about the hobby dying. No wonder. Just
> read these posts, who would want to be associated with such clowns. I am
> always amazed these clowns are so familiar with CB model numbers etc.

WOW, Top and bottom posting, Are you bi like Markie?

If ham radio dies it will be the dumbing down that killed it.

SC

1043. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 00:11:31 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <TozZg.8960$Lv3.6401@newsread1.news.pas.earthlink.net>
Source record: 50917
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

john <john@nospam.net> wrote in
news:mad8j21k9m095vk1gq6a0jomfj3ut83vu0@4ax.com:

> Slow Code is a disgrace to Amateur Radio!
>
>

Thanks John.

Is 11 meters dead or did your CB radio break again? You
seem to be spending a lot more time on the internet lately.

SC

1044. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 00:11:40 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <0pzZg.8961$Lv3.8153@newsread1.news.pas.earthlink.net>
Source record: 50918
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

"Dee Flint" <deeflint01@comcast.net> wrote in
news:ap-dnXC1d5QNMqvYnZ2dnUVZ_o-dnZ2d@comcast.com:

>
> "VIVA MEXICO CABRONES!" <vivamexico@migente.com.ar> wrote in message
> news:d1bg6.467.19.1@news.alt.net...
>>> No, You missed another ten questions, the CW questions, but since the
>>> Tech license is dumbed down you weren't tested on them.
>>>
>>> Don't know which HT to recommend, but a lot of No-codes like the
>>> Cobra 148GTL for HF.
>> That was classic!!!!!
>
> However, the way Slow Code slams new hams is totally unacceptable. He
> tries to drive them out instead of encouraging them to go for the gusto.
>
> Dee, N8UZE

I'm motivating them. And when I catch them on the air, they have an
enjoyable and educational contact.

When they find out CW, RTTY, packet, PSK, SSTV, are fun, they have just
stepped in to a much larger ham radio, than one with just a ham talking on
a microphone.

SC

1045. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 00:20:41 UTC
From: Dee Flint <deeflint01@comcast.net>
Message-ID: <r7qdnVqOZY11WavYnZ2dnUVZ_vGdnZ2d@comcast.com>
Source record: 50919
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

"Slow Code" <my.mail@no.spam> wrote in message
news:0pzZg.8961$Lv3.8153@newsread1.news.pas.earthlink.net...
> "Dee Flint" <deeflint01@comcast.net> wrote in
> news:ap-dnXC1d5QNMqvYnZ2dnUVZ_o-dnZ2d@comcast.com:
>
>>
>> "VIVA MEXICO CABRONES!" <vivamexico@migente.com.ar> wrote in message
>> news:d1bg6.467.19.1@news.alt.net...
>>>> No, You missed another ten questions, the CW questions, but since the
>>>> Tech license is dumbed down you weren't tested on them.
>>>>
>>>> Don't know which HT to recommend, but a lot of No-codes like the
>>>> Cobra 148GTL for HF.
>>> That was classic!!!!!
>>
>> However, the way Slow Code slams new hams is totally unacceptable. He
>> tries to drive them out instead of encouraging them to go for the gusto.
>>
>> Dee, N8UZE
>
>
> I'm motivating them. And when I catch them on the air, they have an
> enjoyable and educational contact.
>

Comments like the dumbed down item and the CB item will NOT motivate them.
To motivate them, simply say "Great, how can I help you explore all the
aspects of ham radio".

> When they find out CW, RTTY, packet, PSK, SSTV, are fun, they have just
> stepped in to a much larger ham radio, than one with just a ham talking on
> a microphone.
>

That is a much better approach so long as you don't go on and on about
"dumbed down" licenses. The people taking the test have no control over the
level of tests required. Simply show them the wonders of ham radio without
comment on your personal opinions about dumbing down, CB, etc.

Dee, N8UZE

1046. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 01:01:59 UTC
From: Mark@kb9rqz.net
Message-ID: <9jjdj2dut1jq3c103hgandn71mma950qvn@4ax.com>
Source record: 50920
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Thu, 19 Oct 2006 00:10:53 GMT, Slow Code <my.mail@no.spam> wrote:

>"an_odd_freak" <konstans@hotmail.com> wrote in
>news:1161135623.020165.120820@e3g2000cwe.googlegroups.com:
>
>>
>> hot-ham-and-cheese@hotmail.com wrote:
>>> Slow Code wrote:
>>> > hot-ham-and-cheese@hotmail.com wrote in
>>> > news:1161028898.573069.307150@e3g2000cwe.googlegroups.com:
>>> > > an_old_friend wrote:
>>
>>> > But if you and Markie ever get full HF privledges, God & Hiram Help
>>> > us.
>>>
>>> Why? Do you fear us working out of band Frenchmen? We could do that
>>> just as well on 6 Meters.
>> BB I belieeve you have mentioned passing a code test at some point that
>> would allow you fullaccess to hf today I could look up your license or
>> you could tell me
>
>
>
>The FCC still has the old CB calls in a database?
i would not know but Brain has an HF cappable license which he is on
the loose in HF
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1047. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 01:03:25 UTC
From: Mark@kb9rqz.net
Message-ID: <okjdj29snd9v98mk8n41mcdjj266m52b47@4ax.com>
Source record: 50921
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

```
On Thu, 19 Oct 2006 00:10:57 GMT, Slow Code <my.mail@no.spam> wrote:

>"Jimmie D" <jimmiedee@bellsouth.net> wrote in
>news:%igZg.62280$KR1.12110@bignews2.bellsouth.net:
>
>>
>> <Mark@kb9rqz.net> wrote in message
>> news:tk4uh2dh82m53rpoucr8nduc0ous56rf0e@4ax.com...
>>> On Sat, 30 Sep 2006 19:27:33 -0500, Nada Tapu <user@host.domain>
>>> wrote:
>>>
>>>>On Sat, 30 Sep 2006 16:39:47 -0400, Mark@kb9rqz.net wrote:
>>>>
>>>>>And you probably answered some theory questions about modes you'll
>>>>>never use and formulas you'll never see again. Maybe we should just
>>>>>eliminate the theory exam, too.
>>>>
>>>>and what do we gain by doing that it is certainly an option when
>>>>eleimate code testing we eleimate something that makes the ARS look
>>>>stpuid obviously we gain by that
>>>>
>>>>Look stupid? Oh, excuse me!
>>> yes you are stupid and anothe rof the usenet cowards
>>>
>>>>
>>>>There are a lot of people who don't want to be bothered with the
>>>>theory exam, either. And when it comes right down to it, what do we
>>>>really need a theory exam for?
>>> you tell me
>>>
>>> I think it benifits the ARS by insuring that new hams reconize the
>>> term and the rules involved in the ARS
>>>
>>> don't you think it does that?
>>>
>>>> Most CB'ers and electronic hobbyists
>>>>have the technical expertise to put a multi-band rig and antenna on
>>>>the air and start operating without any trouble at all.
>>>
>>> and many so Indeed we could despense with the technical question sif
>>> it was found to be to our benifit
>>>
>>>> They feel they
```

>>>>shouldn't need to take a test in order to do that, and a good case may
>>>>be made in favor of that approach. Homebrew and experiment? Sure, why
>>>>not? They can do that too. I did when I was on CB, so why can't
>>>>others? Why should I take a test that includes superflous questions
>>>>about operating modes and aspects of electronics and computers that I
>>>>have absolutely no intention of employing in my day to day station
>>>>operation?
>>>>
>>>>Now allow me to put on the "other hat".
>>>
>>> pput on such hats as you please
>>>>
>>>>CW is a part of amateur radio's heritage and history.
>>>
>>> agreed
>>>>One has to
>>>>embrace the past to realize where one is today.
>>> that is merely one method but one is not required to emabrace the past
>>> or to real;ize where we are today
>>>> Having said that, CW
>>>>is not an obsolete mode by any means;
>>>
>>> it is obslete
>>>>it is timeless. It was a viable
>>>>communications mode 50 years ago, it still is today, and it will still
>>>>be perfectly viable 10,000 years from now.
>>>
>>> which does not prevent it from being oselte
>>>
>>> the Longbow it is still a vaible weapon today will be for some time to
>>> come
>>>
>>> it is none the less obeslete
>>>> It's spectrum efficient
>>>>and highly effective under adverse conditions. So what if it happens
>>>>to be dated? There is absolutlely nothing wrong with the preservation
>>>>and continued use of old but perfectly good technologies.
>>>
>>> and I don't object to YOU doing so but I do object to your insistance
>>> on public specturm being used to do as a complution on all those that
>>> wish to use it
>>>> It's just
>>>>too bad if some operators feel that a certain operating mode reflects
>>>>badly on the amateur community solely because it's been around for a
>>>>long time. There is nothing "stupid" about this issue.
>>>
>>> what is stupid is this insistance that I must help to preserve some
>>> thing that YOU value and wish preserved and that I think we would be
>>> better off leting it go the way of Spark
>>>>

>>>>Am I supporting the elimination of the theory exam and promoting the
>>>>testing of morse skills? Of course not, although I can see how one
>>>>would reach that conclusion from my statements. I'm being purposely
>>>>obtuse.
>>> and insulting
>>>> What amateur radio needs is BALANCE.
>>>
>>> which it will lack as long as the ARS insist on worshiping the ONE
>>> mode CW above the rest of the ARS combined as the leicense system does
>>> today
>>>> It needs operators with
>>>>a rich set of skills and traits that will set it apart from the other
>>>>radio services. When those skills and traits cease to exist, the
>>>>service will perish, and eventually the spectrum will be sold to the
>>>>highest bidder.
>>>>
>>>>My $.02 Draw your own conclusions.
>>> my conclusion is that you will twist truth and logic anyway you like
>>> to achive your end
>>>
>>> for that matter so will I
>>>>
>>>>- - . . . . . - -
>>>>
>>>>NT
>>> http://kb9rqz.blogspot.com/
>>>
>>> --
>>> Posted via a free Usenet account from http://www.teranews.com
>>>
>>
>> Indeed we could dispense with much of the technical qualifications some
>> day. The technical part is basically an attempt to make sure the amatuer
>> is competent enough to operate their equipment in a maner that does not
>> interfere with other services outside of his designated allocation of
>> spectrum, in other words, within FCC regulations. At such a time when
>> all equipment is made idiot proof and all hams use store bought idiot
>> proofed gear we may see this.So far the one experiment at this has
>> failed. You think you have something idiot proof and then guess what,
>> someone makes a better idiot. So I am not worried about requirement of
>> theory going away. As far a CW is concerned to gain the privledges hams
>> have today they had to show they were a national asset. Part of being
>> that asset was our ability to process emergency traffic should the need
>> arrive. At the time CW was needed to accomplish this. It is no longer
>> needed to meet our obligation of service. OF course this begs the
>> question, can we fullfil our obligation. To this I believe we can, but
>> are we really needed. CW has been replaced by other technologies, it
>> would make more sense to require typing skills than CW, an idea I dont
>> think is so bad even though I may have trouble with twenty wpm on a
>> keyboard.

>
>
>If CW has been replaced by other technologies, why aren't more amateurs
>doing the modernized modes?
becuase the are turely antitech luddites like yourself
> It's because they don't want too.
that is there choice
> Ham radio
>has been dumbed down and we can't even force hams to use them to be
>proficient communicators.

"froce" you advocate force to compeel ARS ops to do as you think best
>
>CW isn't preventing the modernization of ham radio, Laziness is.
and CW is laziness
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1048. Re: I listen to Omega One Radio

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 01:03:56 UTC
From: Mark@kb9rqz.net
Message-ID: <8njdj21838japnitd3tgfo9vjl8lko6kql@4ax.com>
Source record: 50922
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Thu, 19 Oct 2006 00:10:49 GMT, Slow Code <my.mail@no.spam> wrote:

>Papa Dog <papadogbg@yahoo.com> wrote in
>news:MPG.1f9f3f85b75ed590989a4a@news-server.carolina.rr.com:
>
>> In article <ftgXg.8076$Y24.1470@newsread4.news.pas.earthlink.net>,
>> my.mail@no.spam says...
>>> Papa Dog <papadogbg@yahoo.com> wrote in
>>> news:MPG.1f9612a4234542aa989a40@news-server.carolina.rr.com:
>>>
>>> > In article <eACVg.5938$Y24.3847@newsread4.news.pas.earthlink.net>,
>>> > my.mail@no.spam says...
>>> >> "Not Cocksucker Lloyd" <not_time_turd_lloyd@yahoo.com> wrote in
>>> >> news:1160134904.164213.315210@b28g2000cwb.googlegroups.com:
>>> >>
>>> >> >
>>> >> > Slow Code wrote:
>>> >> >>
>>> >> >> He doesn't have intellect.
>>> >> >
>>> >> > Why are you answering your own sockpuppets, Sniveling Cunt?
>>> >> >
>>> >>
>>> >>
>>> >> Mrs. Wiseman.
>>> >>
>>> >> You have a filthy mouth.
>>> >>
>>> >> SC
>>> >>
>>> > Pot Kettle Black!
>>>
>>>
>>> Wrong.
>>>
>>> Maybe you should undo your killfilter for a day or two so you can see
>>> what the filth in RRAP looks like.
>>
>> I'm just adding you to it. Cleans up the noise ratio on all the groups!
>
>
>
>He's upset because he knows CW makes a valuable ham,

no he know you are no good coawrdly troll
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1049. CW isn't preventing the modernization of ham radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 01:04:19 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <naAZg.925$337.232@southeast.rr.com>
Source record: 50839

Anyone that can not pass the 5wpm code...
Does not want to spend the time to learn the code...
Does not have the time.....
or what ever....

I can see where some peeps want the code dropped after all they do not test you on PSK or SSTV, however ...I do think that the 5wpm should stand. In an emergancy it may be needed. (to tell the truth, I took the cw test at 15wpm with the 5wpm pause between letters)
I can do sstv and psk and have been playing with aprs.
my 2 cents
Joe

From: "Slow Code" <my.mail@no.spam>
Subject: CW isn't preventing the modernization of ham radio.
Date: Thursday, October 19, 2006 01:10

New Hams just don't want to modernize, they're lazy and don't want to have to learn anything. I'm a 20 wpm Extra and the code requirement didn't stop me from modernizing beyond a microphone and CW. So don't believe anyone that says CW is killing ham radio. They're just sick, lame or Lazy.

SC

1050. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 01:04:59 UTC
From: Mark@kb9rqz.net
Message-ID: <gpjdj2tbf3utl2i6ump09jrvmp59fn1429@4ax.com>
Source record: 50923
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Thu, 19 Oct 2006 00:10:59 GMT, Slow Code <my.mail@no.spam> wrote:

>john <john@nospam.net> wrote in
>news:49d8j2h7lm1pqcc2bpt9keju598bpm1qtm@4ax.com:
>
>> Slow Code is a disgrace to Amateur Radio!
>>
>
>
>
>Thanks John.
>
>I'm glad you enjoy my policy posts.
cw has clearly fried your brain
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1051. Re: New FCC Rules

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 01:07:38 UTC
From: Mark@kb9rqz.net
Message-ID: <7tjdj2p87a4r86r4vujta44h03e0j1l5kb@4ax.com>
Source record: 50924
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Thu, 19 Oct 2006 00:11:08 GMT, Slow Code <my.mail@no.spam> wrote:

>Papa Dog <papadogbg@yahoo.com> wrote in
>news:MPG.1f9df8f3b0099a28989a47@news-server.carolina.rr.com:
>
>> In article <kEVYg.10357$Y24.4085@newsread4.news.pas.earthlink.net>,
>> my.mail@no.spam says...
>>
>>>
>>> Getting a license and then leaving, that's not how it should be.
>>>
>>> SC
>>>
>>>
>> How many have you personally run off the air?
>>
>> 73
>>
>> Chris
>>
>
>
>No one. I'm proposing changes that will help individuals that get
>licensed, stay licensed and use their license. Anyone that doesn't
>like my proposals can stay on CB.

anyone who like them can't stay on CB too

I know hate cb (although you seem to know all about it is not an
either or thing with Ham radio

a real ham would know that
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1052. Re: Here the R&O-- FCC if interested.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 01:08:48 UTC
From: Mark@kb9rqz.net
Message-ID: <f0kdj2pv2g0g72jsjn7nn5jd4mcu5srm6t@4ax.com>
Source record: 50925
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Thu, 19 Oct 2006 00:10:46 GMT, Slow Code <my.mail@no.spam> wrote:

>bill_newport.4land@yahoo.com wrote in
>news:1161070545.110589.149070@i42g2000cwa.googlegroups.com:
>
>>
>> john wrote:
>>> Slow Code if you act like this on the radio I wouldn't want to know
>>> you.
>>>
>>>
>>
>> John, the truth is if you talked to SC in person you'd drop to your
>> knees trying to kiss his ass. You're a typical welfare ham. Now go play
>> with your little HT, faggot!
>>
>>
>
>
>ROFLMAO, that was good.
get help I mean it truly
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1053. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 01:09:28 UTC
From: Mark@kb9rqz.net
Message-ID: <p1kdj2tjiq6ql3l33cshnbbq4gt8jnqpuv@4ax.com>
Source record: 50826
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Thu, 19 Oct 2006 00:11:31 GMT, Slow Code <my.mail@no.spam> wrote:

>john <john@nospam.net> wrote in
>news:mad8j21k9m095vk1gq6a0jomfj3ut83vu0@4ax.com:
>
>> Slow Code is a disgrace to Amateur Radio!
>>
>>
>
>
>Thanks John.
>
>Is 11 meters dead or did your CB radio break again? You
>seem to be spending a lot more time on the internet lately.
trolling right along ham hater
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1054. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 01:09:51 UTC
From: Mark@kb9rqz.net
Message-ID: <h2kdj2dtngo2c3b716ob9j3un7kq3mcq20@4ax.com>
Source record: 50827
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Thu, 19 Oct 2006 00:11:24 GMT, Slow Code <my.mail@no.spam> wrote:

>**THE-RFI-EMI-GUY** <rhyolite@nettally.com> wrote in
>news:42gZg.29116$YO.19085@tornado.tampabay.rr.com:
>
>> Amazing; A new ham is excited about getting his ticket and these clowns
>> get into his face about CW.
>>
>> Next we will hear more griping about the hobby dying. No wonder. Just
>> read these posts, who would want to be associated with such clowns. I am
>> always amazed these clowns are so familiar with CB model numbers etc.
>>
>> Slow Code wrote:
>>
>>>Papa Dog <papadogbg@yahoo.com> wrote in
>>>news:MPG.1f9b72ea52e3e77f989a42@news-server.carolina.rr.com:
>>>
>>>
>>>
>>>>Passed my Tech Exam today. Only missed one question.
>>>>
>>>>
>>>
>>>
>>>No, You missed another ten questions, the CW questions, but since the
>>>Tech license is dumbed down you weren't tested on them.
>>>
>>>Don't know which HT to recommend, but a lot of No-codes like the
>>>Cobra 148GTL for HF.
>>>
>>>SC
>>>
>>>
>> Amazing; A new ham is excited about getting his ticket and these clowns
>> get into his face about CW.
>>
>> Next we will hear more griping about the hobby dying. No wonder. Just
>> read these posts, who would want to be associated with such clowns. I am
>> always amazed these clowns are so familiar with CB model numbers etc.
>
>
>
>WOW, Top and bottom posting, Are you bi like Markie?

>
>If ham radio dies it will be the dumbing down that killed it.
nah it will be arronat soB's like you
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1055. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 01:11:03 UTC
From: Mark@kb9rqz.net
Message-ID: <n3kdj2pou90gkb13avm9412cfo89ab62r5@4ax.com>
Source record: 50828
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Wed, 18 Oct 2006 20:20:41 -0400, "Dee Flint"
<deeflint01@comcast.net> wrote:

>
>"Slow Code" <my.mail@no.spam> wrote in message
>news:0pzZg.8961$Lv3.8153@newsread1.news.pas.earthlink.net...
>> "Dee Flint" <deeflint01@comcast.net> wrote in
>> news:ap-dnXC1d5QNMqvYnZ2dnUVZ_o-dnZ2d@comcast.com:
>>
>>>
>>> "VIVA MEXICO CABRONES!" <vivamexico@migente.com.ar> wrote in message
>>> news:d1bg6.467.19.1@news.alt.net...
>>>>> No, You missed another ten questions, the CW questions, but since the
>>>>> Tech license is dumbed down you weren't tested on them.
>>>>>
>>>>> Don't know which HT to recommend, but a lot of No-codes like the
>>>>> Cobra 148GTL for HF.
>>>> That was classic!!!!!
>>>
>>> However, the way Slow Code slams new hams is totally unacceptable. He
>>> tries to drive them out instead of encouraging them to go for the gusto.
>>>
>>> Dee, N8UZE
>>
>>
>> I'm motivating them. And when I catch them on the air, they have an
>> enjoyable and educational contact.
>>
>
>Comments like the dumbed down item and the CB item will NOT motivate them.
>To motivate them, simply say "Great, how can I help you explore all the
>aspects of ham radio".
pity you don't know anymore about mtoivating with bit about inferoir
hams
>
>> When they find out CW, RTTY, packet, PSK, SSTV, are fun, they have just
>> stepped in to a much larger ham radio, than one with just a ham talking on
>> a microphone.
>>
>
>That is a much better approach so long as you don't go on and on about
>"dumbed down" licenses. The people taking the test have no control over the
>level of tests required. Simply show them the wonders of ham radio without

>comment on your personal opinions about dumbing down, CB, etc.

you might try the same but
>
>Dee, N8UZE
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1056. more shit from slow code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 01:16:07 UTC
From: Mark@kb9rqz.net
Message-ID: <jdkdj2hjfu2i8gtglq9ut6dl6vpqq9gtc9@4ax.com>
Source record: 50829
Cross-posted to: alt.radio.scanner,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.amateur.antenna,rec.radio.swap

On Thu, 19 Oct 2006 00:10:41 GMT, Slow Code <my.mail@no.spam> wrote:

>New Hams just don't want to modernize
no it is the old that don't want to modernize
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1057. fair licening

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 01:20:51 UTC
From: Mark@kb9rqz.net
Message-ID: <ikkdj25pvpqfmtd7muse66ksgics52751m@4ax.com>
Source record: 50830
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

On Thu, 19 Oct 2006 00:11:17 GMT, Slow Code <my.mail@no.spam> wrote:

>That's what you all want.
nope just license requirements with a legal basis and regulatory
validness
>An easy way to get a lot of people a ticket.
don't care it fair works out to easy or hard
>You don't care if they can communicate or if they will be an asset to the
>service.
neither is a requiremtn something for which you should be gratefull
since obbvious you are neither
> Sometimes I wonder if you're not all getting kick backs from the
>ARRL.
then you are a fool in yet new ways than I thought
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1058. Re: New FCC Rules

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 01:22:13 UTC
From: Thats Right_ 20wpm <20_wpm_Extra@nospam.net>
Message-ID: <fnkdj2pbopfhiqtkmls2d73mgq5ugc6adc@4ax.com>
Source record: 50831
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Slow Code is the kind of guy that everybodys hates on the air. He is
the Jammer because no one listens to him.

On Thu, 19 Oct 2006 00:11:08 GMT, Slow Code <my.mail@no.spam> wrote:

>Papa Dog <papadogbg@yahoo.com> wrote in
>news:MPG.1f9df8f3b0099a28989a47@news-server.carolina.rr.com:
>
>> In article <kEVYg.10357$Y24.4085@newsread4.news.pas.earthlink.net>,
>> my.mail@no.spam says...
>>
>>>
>>> Getting a license and then leaving, that's not how it should be.
>>>
>>> SC
>>>
>>>
>> How many have you personally run off the air?
>>
>> 73
>>
>> Chris
>>
>
>
>No one. I'm proposing changes that will help individuals that get
>licensed, stay licensed and use their license. Anyone that doesn't
>like my proposals can stay on CB.
>
>SC

1059. Re: New FCC Rules

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 01:22:27 UTC
From: Thats Right_ 20wpm <20_wpm_Extra@nospam.net>
Message-ID: <dqkdj2dvv6iqrso00us44289ogjg53n2ob@4ax.com>
Source record: 50832
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Slow Code is the kind of guy that everybodys hates on the air. He is
the Jammer because no one listens to him.

On Thu, 19 Oct 2006 00:11:12 GMT, Slow Code <my.mail@no.spam> wrote:

>john <john@nospam.net> wrote in
>news:g8d8j25r896va0reit442hemcjd2kmhfor@4ax.com:
>
>> Slow Code is a disgrace to Amateur Radio!
>>
>>
>
>
>Thanks John.
>
>People that don't want to have to learn anything for a ham
>license really hate me. 11 meters dead or something? You
>seem to be spending a lot more time on the internet lately.
>
>SC

1060. Re: CW isn't preventing the modernization of ham radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 01:23:58 UTC
From: Thats Right_ 20wpm <20_wpm_Extra@nospam.net>
Message-ID: <8tkdj2lpncu2fsgvgarns76v1bimb9kr9f@4ax.com>
Source record: 50833
Cross-posted to: alt.radio.scanner,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.amateur.antenna,rec.radio.swap

Slow Code is the kind of guy that everybodys hates on the air. He is
the Jammer because no one listens to him.

On Thu, 19 Oct 2006 00:10:41 GMT, Slow Code <my.mail@no.spam> wrote:

>New Hams just don't want to modernize, they're lazy and don't want to have
>to learn anything. I'm a 20 wpm Extra and the code requirement didn't
>stop me from modernizing beyond a microphone and CW. So don't believe
>anyone that says CW is killing ham radio. They're just sick, lame or
>Lazy.
>
>SC

1061. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 01:24:10 UTC
From: Thats Right_ 20wpm <20_wpm_Extra@nospam.net>
Message-ID: <itkdj2p4lmpjhmu08v6sufmppio4hc5it2@4ax.com>
Source record: 50834
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Slow Code is the kind of guy that everybodys hates on the air. He is
the Jammer because no one listens to him.

On Thu, 19 Oct 2006 00:10:59 GMT, Slow Code <my.mail@no.spam> wrote:

>john <john@nospam.net> wrote in
>news:49d8j2h7lm1pqcc2bpt9keju598bpm1qtm@4ax.com:
>
>> Slow Code is a disgrace to Amateur Radio!
>>
>
>
>
>Thanks John.
>
>I'm glad you enjoy my policy posts.
>
>SC

1062. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 01:24:23 UTC
From: Thats Right_ 20wpm <20_wpm_Extra@nospam.net>
Message-ID: <0ukdj25k0rugnfliuh8dc1trf8ti7hg0m9@4ax.com>
Source record: 50835
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Slow Code is the kind of guy that everybodys hates on the air. He is
the Jammer because no one listens to him.

On Thu, 19 Oct 2006 00:11:24 GMT, Slow Code <my.mail@no.spam> wrote:

>**THE-RFI-EMI-GUY** <rhyolite@nettally.com> wrote in
>news:42gZg.29116$YO.19085@tornado.tampabay.rr.com:
>
>> Amazing; A new ham is excited about getting his ticket and these clowns
>> get into his face about CW.
>>
>> Next we will hear more griping about the hobby dying. No wonder. Just
>> read these posts, who would want to be associated with such clowns. I am
>> always amazed these clowns are so familiar with CB model numbers etc.
>>
>> Slow Code wrote:
>>
>>>Papa Dog <papadogbg@yahoo.com> wrote in
>>>news:MPG.1f9b72ea52e3e77f989a42@news-server.carolina.rr.com:
>>>
>>>
>>>
>>>>Passed my Tech Exam today. Only missed one question.
>>>>
>>>>
>>>
>>>
>>>No, You missed another ten questions, the CW questions, but since the
>>>Tech license is dumbed down you weren't tested on them.
>>>
>>>Don't know which HT to recommend, but a lot of No-codes like the
>>>Cobra 148GTL for HF.
>>>
>>>SC
>>>
>>>
>> Amazing; A new ham is excited about getting his ticket and these clowns
>> get into his face about CW.
>>
>> Next we will hear more griping about the hobby dying. No wonder. Just
>> read these posts, who would want to be associated with such clowns. I am
>> always amazed these clowns are so familiar with CB model numbers etc.
>
>

>
>WOW, Top and bottom posting, Are you bi like Markie?
>
>If ham radio dies it will be the dumbing down that killed it.
>
>SC

1063. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 01:24:39 UTC
From: Thats Right_ 20wpm <20_wpm_Extra@nospam.net>
Message-ID: <jukdj25tp5ucre26128ot0uhr0i3p3c5iv@4ax.com>
Source record: 50836
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Slow Code is the kind of guy that everybodys hates on the air. He is
the Jammer because no one listens to him.

On Thu, 19 Oct 2006 00:11:31 GMT, Slow Code <my.mail@no.spam> wrote:

>john <john@nospam.net> wrote in
>news:mad8j21k9m095vk1gq6a0jomfj3ut83vu0@4ax.com:
>
>> Slow Code is a disgrace to Amateur Radio!
>>
>>
>
>
>Thanks John.
>
>Is 11 meters dead or did your CB radio break again? You
>seem to be spending a lot more time on the internet lately.
>
>SC

1064. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 01:24:50 UTC
From: Thats Right_ 20wpm <20_wpm_Extra@nospam.net>
Message-ID: <tukdj29959p0obu8ujpn1moil8s711scgb@4ax.com>
Source record: 50837
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Slow Code is the kind of guy that everybodys hates on the air. He is
the Jammer because no one listens to him.

On Thu, 19 Oct 2006 00:11:40 GMT, Slow Code <my.mail@no.spam> wrote:

>"Dee Flint" <deeflint01@comcast.net> wrote in
>news:ap-dnXC1d5QNMqvYnZ2dnUVZ_o-dnZ2d@comcast.com:
>
>>
>> "VIVA MEXICO CABRONES!" <vivamexico@migente.com.ar> wrote in message
>> news:d1bg6.467.19.1@news.alt.net...
>>>> No, You missed another ten questions, the CW questions, but since the
>>>> Tech license is dumbed down you weren't tested on them.
>>>>
>>>> Don't know which HT to recommend, but a lot of No-codes like the
>>>> Cobra 148GTL for HF.
>>> That was classic!!!!!
>>
>> However, the way Slow Code slams new hams is totally unacceptable. He
>> tries to drive them out instead of encouraging them to go for the gusto.
>>
>> Dee, N8UZE
>
>
>I'm motivating them. And when I catch them on the air, they have an
>enjoyable and educational contact.
>
>When they find out CW, RTTY, packet, PSK, SSTV, are fun, they have just
>stepped in to a much larger ham radio, than one with just a ham talking on
>a microphone.
>
>SC

1065. Re: New FCC Rules

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 01:25:37 UTC
From: Mark@kb9rqz.net
Message-ID: <pvkdj21cjbpao2cj5i7mqrp43mvf9cj39a@4ax.com>
Source record: 50838
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Wed, 18 Oct 2006 20:22:13 -0500, Thats Right_ 20wpm
<20_wpm_Extra@nospam.net> wrote:

>Slow Code is the kind of guy that everybodys hates on the air. He is
>the Jammer because no one listens to him.
that is likely why he is on here so much nobody lsitens to him on air
>
>
>On Thu, 19 Oct 2006 00:11:08 GMT, Slow Code <my.mail@no.spam> wrote:
>
>>Papa Dog <papadogbg@yahoo.com> wrote in
>>news:MPG.1f9df8f3b0099a28989a47@news-server.carolina.rr.com:
>>
>>> In article <kEVYg.10357$Y24.4085@newsread4.news.pas.earthlink.net>,
>>> my.mail@no.spam says...
>>>
>>>>
>>>> Getting a license and then leaving, that's not how it should be.
>>>>
>>>> SC
>>>>
>>>>
>>> How many have you personally run off the air?
>>>
>>> 73
>>>
>>> Chris
>>>
>>
>>
>>No one. I'm proposing changes that will help individuals that get
>>licensed, stay licensed and use their license. Anyone that doesn't
>>like my proposals can stay on CB.
>>
>>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1066. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 02:34:47 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <1vBZg.53$Zn1.39@bignews2.bellsouth.net>
Source record: 50840

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:WJxZg.16114$e66.6274@newssvr13.news.prodigy.com...
> Jimmie D wrote:
>> No, I am talking about the service we should be providing. In the spirit
>> of JFK's "ask not what your contry can do for you speech".
>
> JFK's speech contradicting this country's founding
> principles was just democratic rhetoric. This country
> was founded "for the people" NOT for the government.

> --
> 73, Cecil http://www.w5dxp.com

His statement was "Ask not what your country can do for you but what you
can do for your country"
I dont remember the word government being mentioned in it.

The words are true even if he was less than sincere. If we are not this
country then what is. This country is "we the people" so ultimately it
including amatuer radio is our responsibility not that which you call the
government.. . It was a call to service, a call to serve this country, a
call to serve its people.. You are correct on one point. It was democratic
rhetoric but damned good rhetoric. But as my grandmother used to say, "Even
Satan will tell the truth if it serves him".

Jimmie

1067. Re: New FCC Rules

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 02:49:16 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <MIBZg.5883$gM1.1548@fed1read12>
Source record: 50841
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Thu, 19 Oct 2006 00:11:08 GMT, Slow Code <my.mail@no.spam> wrote:

< snip >

> I'm proposing changes that will help individuals that get
>licensed, stay licensed and use their license. Anyone that doesn't
>like my proposals can stay on CB.
>
>SC

Such a bitter, inflexible, "my-way or the high-way" attitude might be coming
from a very unhappy person. Pleasant people know how to compromise.

This guy could have inflamed hemorhhoids or a bad home life ... maybe both.

[I've had him blocked for weeks; I caught this little gem in a quote-back.]

1068. Re: New FCC Rules

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 02:51:18 UTC
From: Mark@kb9rqz.net
Message-ID: <c0qdj2t1jbftl17pjhp2crs125ifbnh333@4ax.com>
Source record: 50842
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Fri, 13 Oct 2006 00:18:20 GMT, Slow Code <my.mail@no.spam> wrote:

>"Dr.Ace" <Ace@WH2T.com> wrote in
>news:42ea1$452e7990$4fc6760$7984@DIALUPUSA.NET:
>
>> http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-149A1.doc
>>
>> The R&O released yesterday covers a plethora of stuff. Here are some
>> notes on things.
>>
>>
>> Novice bands eliminated. Novices/Tech+ have same CW Freqs as General on
>> 80, 40, 15M. 80 and 40M.
>>
>> Phone bands expanded, down to 3600 on 75M, down to 7125 on 40M.
>>
>> Extra class phone segment on 75 expanded to 100kc (3600-3700), Advanced
>> class similarly gets 100kc (3700-3800), General will start at 3800.
>>
>> This isn't in effect yet !!! But will be soon.
>>
>> Ace - WH2T
>
>
>It's clear the FCC and the ARRL want to drive out all good hams from the
>service. Little by little they'll take away the non-phone portions of the
>bands and hand it over to the appliance operators.

funny how CW is losing now BW at all
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1069. Re: New FCC Rules

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 02:52:14 UTC
From: Mark@kb9rqz.net
Message-ID: <t1qdj2pgsd9ldgo3pdbtd5ebcoio1qns34@4ax.com>
Source record: 50843
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Wed, 18 Oct 2006 19:49:16 -0700, "Sal M. Onella"
<salmonella@food.poisoning.org> wrote:

>
>On Thu, 19 Oct 2006 00:11:08 GMT, Slow Code <my.mail@no.spam> wrote:
>
>
>< snip >
>
>> I'm proposing changes that will help individuals that get
>>licensed, stay licensed and use their license. Anyone that doesn't
> >like my proposals can stay on CB.
> >
>>SC
>
>Such a bitter, inflexible, "my-way or the high-way" attitude might be coming
>from a very unhappy person. Pleasant people know how to compromise.
it is coming from a very unhappy fellow
>
>This guy could have inflamed hemorhhoids or a bad home life ... maybe both.
honestly he does make it hard to care
>
>[I've had him blocked for weeks; I caught this little gem in a quote-back.]
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1070. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 03:01:22 UTC
From: "LenAnderson@ieee.org" <LenAnderson@ieee.org>
Message-ID: <1161226881.975499.218860@e3g2000cwe.googlegroups.com>
Source record: 50844
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

From: Jimmie D on Tues, Oct 17 2006 7:46 pm

><LenAnder...@ieee.org> wrote in message
>> From: Nada Tapu on Sat, Sep 30 2006 2:23 pm
>>>On Fri, 29 Sep 2006 20:56:08 -0400, M...@kb9rqz.net wrote:

>>>>no slow code the number are down because with Code testing looks so
>>>>stpupid
>
>>>The numbers are down for a variety of reasons, but I suspect that
>>>computers and the internet are the major factors, not the CW
>>>requirement.
>
>> The ready-built Personal Computer first appeared in 1976,
>> 30 years ago (the "IBM PC" debuted in 1980, 26 years ago).
>> The Internet went public in 1991, 15 years ago.
>> "Restructuring" to drop the morse test rate to 5 WPM
>> for all such tests happened only 6 years ago.
>
>> The peak licensing of 737,938 happened on 2 Jul 03, just
>> 3 years ago. [they've been dropping at an average of 7K
>> per year ever since]
>
>> I disagree on your reasons stated in your quote above.
>
>>>When I ask technical people about why they haven't
>>>acquired an interest in amateur radio, I never get the CW requirement
>>>as a response.
>
>> Strange, I hear that response. Having been IN radio-
>> electronics for over a half century, I DO know some
>> "technical people." :-)
>
>> Manual radiotelegraphy was a MUST to use early radio
>> as a communications medium. The technology of early
>> radio was primitive, simple, and not yet developed.
>> On-off keying was the ONLY practical way to make it
>> possible to communicate. Morse code was then already
>> mature and a new branch of communications was open
>> to use by downsized landline telegraphers.
>
>>> They simply view the whole service as outmoded in the
>>>face of modern telecommunications.
>

>> PART of that IS true. NOT all of it.
>
>> What IS outmoded (technically) is sitting only on HF
>> and "working" other stations with morse radiotelegraphy.
>> Amateur radio is the ONLY radio service still using
>> morse radiotelegraphy for communications purposes.
>
>> Another thing outmoded is the strict "necessity" to use
>> a formalism in "procedure" AS IF it was "professional"
>> radio. That formalism was established between 50 to 70
>> years ago. Amateur radio, by definition, is NOT
>> professional. Too many olde-tymers want to PRETEND
>> they are pros in front of their ham rigs.
>
>> But, there is still an enormous area of the EM spectrum
>> that is still open for experimentation, for just the fun
>> of doing something out of the ordinary above 30 MHz.
>> That can be a very different RF environment, much much
>> different than the technology available in the 20s and
>> 30s. It has exciting possibilities...except for the
>> rutted and mired olde-tymers unable to keep up with new
>> things, secure in their own dreams of youth and simple
>> technological environment.
>
>>>Let's face it.. the romance is gone.
>
>> Oh, boo hoo...the "romance" of the 1930s is gone? Yes,
>> it IS. The "pioneering of the airwaves" below 30 MHz
>> has been DONE...mostly by the pros of radio (despite what
>> the ARRL claims). DONE a long time ago. The solid-state
>> era came into being about 45 years ago and has
>> revolutionized ALL electronics (radio is a subset of that).
>
>> Except as memorabilia trinkets of the past, GONE is the
>> analog VFO, GONE is the one-tube regenerative receiver,
>> GONE is the single-crystal-single-frequency Tx, GONE is
>> the big, bulky AM modulator amplifier, GONE is the not-
>> knowing-when-the-bands-are-open (solar activity and
>> ionosonding solved that and HF MUF is a predictable
>> item that can be found by a computer program). Except
>> for the boatanchor afficionados, vacuum tubes are GONE
>> for nearly everything but high-power transmitters.
>
>> The radio world of today is NOT that of 1950, nor of
>> 1960, nor 1970, nor even 1980s. It keeps changing,
>> advancing, the state of the art never static. For the
>> stuck-in-the-mud olde tymers that is terrible...they
>> feel insecure on not being able to keep up, become
>> aggressive to newcomers ("no kids, lids or space
>> cadets") and retreat to the "secure" mode of their

>> youth, "CW." But, they want to make sure They get
>> the respect they feel they've "earned" (as if) so
>> they try and try and try to bring all down to THEIR
>> level...the code test MUST stay..."because."
>
>> There are 100 million two-way radios in use in the USA
>> alone, millions more in other countries. Those are the
>> cellular telephones. There are millions of VHF and UHF
>> transceivers in the USA, working daily for public
>> safety agencies, ships, private boats, air carriers as
>> well as private airplanes. There are tens of thousands
>> of HF transceivers in use in the USA, users being
>> everyone from government agencies to private boat
>> owners, ALL exclusive of amateur radio users. Where is
>> the "romance" in all this Plenty from a cornucopia that
>> all have grabbed? It is GONE, yes.
>
>> But, NEW "romances" await. DIFFERENT ones, I'd say a
>> helluva lot more complex than old, simple "radio." We
>> can't relive old "romances" except in our minds and we
>> can't grow physically younger. Only person-to-person
>> romance is TRUE, the other "romance" is of the
>> imagination, of the fantasy of what was once there.
>> This fantasy "romance" can't be brought back. It can't
>> be legislated into remaining static. The rules and
>> regulations have to change to keep up with the NOW.
>
>Total agreement here, our obligation of service to to earn our privlegdes
>doesnt end with what we have done but with what we have done lately.

Sorry, but I see absolutely NO "obligation to perform
some service [to the nation or community]." That is one
of the myths promulgated by the ARRL and its followers.

The word "service" used by the FCC all throughout Title
47 C.F.R., all Parts, is a regulatory term referring to
a type and kind of radio activity being regulated.
[see Citizens Band Radio SERVICE or Radio Control Radio
SERVICE as two examples in Part 95] Also, as Cecil Moore
mentioned, the government is doing its citizens a service,
NOT the other way around.

If an individual WANTS to VOLUNTARILY perform some service,
then excellent. There is NO "obligation" to do so unless
there is some law requiring it. Personally, I think all
citizens of the USA should do at least one term of Jury
Service. In California there is a state law that eligible
citizens shall serve, for a time and times as stated by
law. [I've done five terms of Jury Service here] Anyone
who WANTS to voluntarily sit in on a court is allowed to
(with some special conditions not permitting certain

trials). Those spectators are NOT obligated to do so.

USA amateur radio service is a VOLUNTARY activity. It is an avocation, not an occupation. In other words it is a HOBBY. It's a fine hobby, tens of thousands of citizens engaged in it. But, it is still a HOBBY. It is NOT "essential" for the good of the nation. It is high time that everyone quit dreaming about imaginary glory of "serving the community" through amateur radio...time to look at what it IS in the real world.

LenAnderson@ieee.org

1071. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 03:14:21 UTC
From: Mark@kb9rqz.net
Message-ID: <p1rdj29mprl4sfu14ceobj8c803te1f7q4@4ax.com>
Source record: 50845
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On 18 Oct 2006 20:01:22 -0700, "LenAnderson@ieee.org"
<LenAnderson@ieee.org> wrote:

>From: Jimmie D on Tues, Oct 17 2006 7:46 pm
>
>><LenAnder...@ieee.org> wrote in message
>>> From: Nada Tapu on Sat, Sep 30 2006 2:23 pm
>>>>On Fri, 29 Sep 2006 20:56:08 -0400, M...@kb9rqz.net wrote:
>
>
>>>>>no slow code the number are down because with Code testing looks so
>>>>>stpupid
>>
>>>>The numbers are down for a variety of reasons, but I suspect that
>>>>computers and the internet are the major factors, not the CW
>>>>requirement.
>>
>>> The ready-built Personal Computer first appeared in 1976,
>>> 30 years ago (the "IBM PC" debuted in 1980, 26 years ago).
>>> The Internet went public in 1991, 15 years ago.
>>> "Restructuring" to drop the morse test rate to 5 WPM
>>> for all such tests happened only 6 years ago.
>>
>>> The peak licensing of 737,938 happened on 2 Jul 03, just
>>> 3 years ago. [they've been dropping at an average of 7K
>>> per year ever since]
>>
>>> I disagree on your reasons stated in your quote above.
>>
>>>>When I ask technical people about why they haven't
>>>>acquired an interest in amateur radio, I never get the CW requirement
>>>>as a response.
>>
>>> Strange, I hear that response. Having been IN radio-
>>> electronics for over a half century, I DO know some
>>> "technical people." :-)
>>
>>> Manual radiotelegraphy was a MUST to use early radio
>>> as a communications medium. The technology of early
>>> radio was primitive, simple, and not yet developed.
>>> On-off keying was the ONLY practical way to make it
>>> possible to communicate. Morse code was then already
>>> mature and a new branch of communications was open

>>> to use by downsized landline telegraphers.
>>
>>>> They simply view the whole service as outmoded in the
>>>>face of modern telecommunications.
>>
>>> PART of that IS true. NOT all of it.
>>
>>> What IS outmoded (technically) is sitting only on HF
>>> and "working" other stations with morse radiotelegraphy.
>>> Amateur radio is the ONLY radio service still using
>>> morse radiotelegraphy for communications purposes.
>>
>>> Another thing outmoded is the strict "necessity" to use
>>> a formalism in "procedure" AS IF it was "professional"
>>> radio. That formalism was established between 50 to 70
>>> years ago. Amateur radio, by definition, is NOT
>>> professional. Too many olde-tymers want to PRETEND
>>> they are pros in front of their ham rigs.
>>
>>> But, there is still an enormous area of the EM spectrum
>>> that is still open for experimentation, for just the fun
>>> of doing something out of the ordinary above 30 MHz.
>>> That can be a very different RF environment, much much
>>> different than the technology available in the 20s and
>>> 30s. It has exciting possibilities...except for the
>>> rutted and mired olde-tymers unable to keep up with new
>>> things, secure in their own dreams of youth and simple
>>> technological environment.
>>
>>>>Let's face it.. the romance is gone.
>>
>>> Oh, boo hoo...the "romance" of the 1930s is gone? Yes,
>>> it IS. The "pioneering of the airwaves" below 30 MHz
>>> has been DONE...mostly by the pros of radio (despite what
>>> the ARRL claims). DONE a long time ago. The solid-state
>>> era came into being about 45 years ago and has
>>> revolutionized ALL electronics (radio is a subset of that).
>>
>>> Except as memorabilia trinkets of the past, GONE is the
>>> analog VFO, GONE is the one-tube regenerative receiver,
>>> GONE is the single-crystal-single-frequency Tx, GONE is
>>> the big, bulky AM modulator amplifier, GONE is the not-
>>> knowing-when-the-bands-are-open (solar activity and
>>> ionosonding solved that and HF MUF is a predictable
>>> item that can be found by a computer program). Except
>>> for the boatanchor afficionados, vacuum tubes are GONE
>>> for nearly everything but high-power transmitters.
>>
>>> The radio world of today is NOT that of 1950, nor of
>>> 1960, nor 1970, nor even 1980s. It keeps changing,

>>> advancing, the state of the art never static. For the
>>> stuck-in-the-mud olde tymers that is terrible...they
>>> feel insecure on not being able to keep up, become
>>> aggressive to newcomers ("no kids, lids or space
>>> cadets") and retreat to the "secure" mode of their
>>> youth, "CW." But, they want to make sure They get
>>> the respect they feel they've "earned" (as if) so
>>> they try and try and try to bring all down to THEIR
>>> level...the code test MUST stay..."because."
>>
>>> There are 100 million two-way radios in use in the USA
>>> alone, millions more in other countries. Those are the
>>> cellular telephones. There are millions of VHF and UHF
>>> transceivers in the USA, working daily for public
>>> safety agencies, ships, private boats, air carriers as
>>> well as private airplanes. There are tens of thousands
>>> of HF transceivers in use in the USA, users being
>>> everyone from government agencies to private boat
>>> owners, ALL exclusive of amateur radio users. Where is
>>> the "romance" in all this Plenty from a cornucopia that
>>> all have grabbed? It is GONE, yes.
>>
>>> But, NEW "romances" await. DIFFERENT ones, I'd say a
>>> helluva lot more complex than old, simple "radio." We
>>> can't relive old "romances" except in our minds and we
>>> can't grow physically younger. Only person-to-person
>>> romance is TRUE, the other "romance" is of the
>>> imagination, of the fantasy of what was once there.
>>> This fantasy "romance" can't be brought back. It can't
>>> be legislated into remaining static. The rules and
>>> regulations have to change to keep up with the NOW.
>>
>>Total agreement here, our obligation of service to to earn our privlegdes
>>doesnt end with what we have done but with what we have done lately.
>
> Sorry, but I see absolutely NO "obligation to perform
> some service [to the nation or community]." That is one
> of the myths promulgated by the ARRL and its followers.

you left out something there is one other type of service to oneself

I do think we are obligated to preform one type of service and
learning something counts

additional in an emergency if we find we can be a of service I'd say
we have a moral duty to serve as humans and citizens and our radios
give ways not avalable to many

another type of real service we can perfrom (although some hams like
Robeson seem unable to do so) is simply one to one diplomacy

I know during the elian Matter I enjyed tlaking abit to few cubans
(helped that I was vsiting florida for part of that it drew an
interesting response from them when I said something like you know if
the case were of people totaly within the USA the father would have to
go the florida himself most likely if he wanted his kid back and
givent he US does not trust the cuban govt...
>
> The word "service" used by the FCC all throughout Title
> 47 C.F.R., all Parts, is a regulatory term referring to
> a type and kind of radio activity being regulated.
> [see Citizens Band Radio SERVICE or Radio Control Radio
> SERVICE as two examples in Part 95] Also, as Cecil Moore
> mentioned, the government is doing its citizens a service,
> NOT the other way around.
>
> If an individual WANTS to VOLUNTARILY perform some service,
> then excellent. There is NO "obligation" to do so unless
> there is some law requiring it. Personally, I think all
> citizens of the USA should do at least one term of Jury
> Service. In California there is a state law that eligible
> citizens shall serve, for a time and times as stated by
> law. [I've done five terms of Jury Service here] Anyone
> who WANTS to voluntarily sit in on a court is allowed to
> (with some special conditions not permitting certain
> trials). Those spectators are NOT obligated to do so.
>
> USA amateur radio service is a VOLUNTARY activity. It is
> an avocation, not an occupation. In other words it is a
> HOBBY. It's a fine hobby, tens of thousands of citizens
> engaged in it. But, it is still a HOBBY. It is NOT
> "essential" for the good of the nation. It is high time
> that everyone quit dreaming about imaginary glory of
> "serving the community" through amateur radio...time to
> look at what it IS in the real world.

I agree it is not esssentcail to the nation although it is often
helpfull to nation excetra
>
> LenAnderson@ieee.org
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1072. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 03:20:18 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <S9CZg.16241$e66.8060@newssvr13.news.prodigy.com>
Source record: 50846

Jimmie D wrote:
> His statement was "Ask not what your country can do for you but what you
> can do for your country"
> I dont remember the word government being mentioned in it.

For professional politicians, the government and
the country are indistinguishable.
--
73, Cecil http://www.w5dxp.com

1073. Re: how to eliminate mechanical resonance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 09:07:10 UTC
From: francesco.messineo@gmail.com
Message-ID: <1161248830.450754.57440@i42g2000cwa.googlegroups.com>
Source record: 50847

Hello Wes,

didn't receive anything, I sent an email to you.

73

Francesco IS0FKQ

Wes Stewart ha scritto:

> On 18 Oct 2006 01:46:45 -0700, francesco.messineo@gmail.com wrote:
>
>
> Francesco
>
> Do you receive my email?
>
> Wes N7WS

1074. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 11:41:01 UTC
From: N2EY@AOL.COM
Message-ID: <1161258061.234200.214490@i42g2000cwa.googlegroups.com>
Source record: 50848
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

LenAnderson@ieee.org wrote:
> From: Jimmie D on Tues, Oct 17 2006 7:46 pm
> ><LenAnder...@ieee.org> wrote in message
> >> From: Nada Tapu on Sat, Sep 30 2006 2:23 pm
> >>>On Fri, 29 Sep 2006 20:56:08 -0400, M...@kb9rqz.net wrote:

> >
> >Total agreement here, our obligation of service to to earn our privlegdes
> >doesnt end with what we have done but with what we have done lately.
>
> Sorry, but I see absolutely NO "obligation to perform
> some service [to the nation or community]."

That you don't see it doesn't mean it doesn't exist.

> That is one
> of the myths promulgated by the ARRL and its followers.

Where? You have just spouted a falsehood, Len.
>
> The word "service" used by the FCC all throughout Title
> 47 C.F.R., all Parts, is a regulatory term referring to
> a type and kind of radio activity being regulated.
> [see Citizens Band Radio SERVICE or Radio Control Radio
> SERVICE as two examples in Part 95] Also, as Cecil Moore
> mentioned, the government is doing its citizens a service,
> NOT the other way around.

Irrelevant.

>
> If an individual WANTS to VOLUNTARILY perform some service,
> then excellent. There is NO "obligation" to do so unless
> there is some law requiring it.

What about a moral obligation?

Suppose I were driving on a winding country road and came upon the
scene of a one-car accident that had occurred only a few minutes before
I arrived.

And suppose the occupants of the car in the accident needed help, and I
had the means to call for help.

Would I not have at least a moral obligation, if not a legal one, to
call for help?

Suppose the only available communication was by Amateur Radio - would I not have at least a moral obligation, if not a legal one, to use Amateur Radio to call for help?

> Personally, I think all
> citizens of the USA should do at least one term of Jury
> Service.

Even those who are not mentally or physically competent to do so? Would you want to be judged by a jury composed of the mentally ill? They're citizens.

> In California there is a state law that eligible
> citizens shall serve, for a time and times as stated by
> law. [I've done five terms of Jury Service here] Anyone
> who WANTS to voluntarily sit in on a court is allowed to
> (with some special conditions not permitting certain
> trials). Those spectators are NOT obligated to do so.

Irrelevant.

> USA amateur radio service is a VOLUNTARY activity. It is
> an avocation, not an occupation. In other words it is a
> HOBBY.

But it's not just a hobby.

> It's a fine hobby, tens of thousands of citizens
> engaged in it.

Hundreds of thousands of US citizens.

> But, it is still a HOBBY. It is NOT
> "essential" for the good of the nation.

Says who?

> It is high time
> that everyone quit dreaming about imaginary glory of
> "serving the community" through amateur radio...time to
> look at what it IS in the real world.

Does amateur radio not perform any service to the community, Len?

1075. Re: Lids, Kids and Space Cadets

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 11:52:21 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <BACVg.9000212$Y24.5826@newsread4.news.pas.earthlink.net>
Source record: 50849
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Wed, 18 Oct 2006 20:24:10 -0500, Thats Right_ 20wpm <john> wrote:
> Slow Code is the kind of guy that everybodys hates on the air. He is
> the Jammer because no one listens to him.

Oh, my. I'm afraid you've forced me to killfile everything coming from
netins.net. Bye bye, john and sockpuppets. Here are the Xnews rules in
case anyone else is interested:

```
[rec.radio.*]
score:: -9999
Path: news\.netins\.net![^!]+$
```

1076. Re: i punce in aigain

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 12:49:12 UTC
From: Markie Morgan <JD@yahoo.com>
Message-ID: <45376762$0$19731$88260bb3@free.teranews.com>
Source record: 50850
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

ok I back four anoter tuff day on the news grupes it my job tis waht I do
so
bringit on you loosers

show-na-to-va (that is the greeting for this time of year as a JEW
rendered phonicticaly)
happy new years it means and it can be better one if Wismen Robson and
SC a few just decided to not to be as hateful

with the punce gotcha he wonders why I simple don't bother to ty
impoving my spelling do u hav anyting cognet two say?

http://www.marksspamblog.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1077. Re: Lids, Kids and Space Cadets

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 12:54:05 UTC
From: Markie Morgan <JD@yahoo.com>
Message-ID: <45376887$0$19724$88260bb3@free.teranews.com>
Source record: 50851
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

```
"Slow Code" <my.mail@no.spam> wrote in message
news:BACVg.9000212$Y24.5826@newsread4.news.pas.earthlink.net...
> On Wed, 18 Oct 2006 20:24:10 -0500, Thats Right_ 20wpm <john> wrote:
>> Slow Code is the kind of guy that everybodys hates on the air. He is
>> the Jammer because no one listens to him.
>
> Oh, my. I'm afraid you've forced me to killfile everything coming from
> netins.net. Bye bye, john and sockpuppets. Here are the Xnews rules in
> case anyone else is interested:
>
> [rec.radio.*]
> score:: -9999
> Path: news\.netins\.net![^!]+$
>
>
well ta least I no What it's like to lick my excrement off of another man's
ganitals.

--
Posted via a free Usenet account from http://www.teranews.com
```

1078. id theft is acrime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 12:56:05 UTC
From: Mark@kb9rqz.net
Message-ID: <betej2977pm42tc6dl7aneqt63pftdtlcd@4ax.com>
Source record: 50852
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Thu, 19 Oct 2006 08:49:12 -0400, "Markie Morgan" <JD@yahoo.com>
wrote:

> ok I back four anoter tuff day on the news grupes it my job tis waht I do

id theft is crime
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1079. Space Cadets like SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 13:01:18 UTC
From: Mark@kb9rqz.net
Message-ID: <nntej25pc95n4p6jhpnajr35rc41kiqtno@4ax.com>
Source record: 50853
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Thu, 19 Oct 2006 11:52:21 +0000 (UTC), Slow Code <my.mail@no.spam>
wrote:

>On Wed, 18 Oct 2006 20:24:10 -0500, Thats Right_ 20wpm <john> wrote:
>> Slow Code is the kind of guy that everybodys hates on the air. He is
>> the Jammer because no one listens to him.
>
>Oh, my. I'm afraid you've forced me to killfile everything coming from
>netins.net.
lying again Sc and if you can't face the heat bail form the NG
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1080. Space Cadets like sc

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 13:01:46 UTC
From: Mark@kb9rqz.net
Message-ID: <6ptej21svt1134hcabmlt2p7oclqsga2f4@4ax.com>
Source record: 50854
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Thu, 19 Oct 2006 08:54:05 -0400, "Markie Morgan" <JD@yahoo.com>
wrote:

id theft is acrime
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1081. Re: ground radials

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 17:15:48 UTC
From: Wimpie <wimtel@tetech.nl>
Message-ID: <1161278148.148142.239230@k70g2000cwa.googlegroups.com>
Source record: 50855

Paladin ha escrito:

Hello,

You didn't mention the operating frequency. If your plan is to make a quarter wave antenna, the ground system is very important. Maybe there is another option. If it is for the higher bands;

Placing the radials above ground does help. If it is a mono band antenna, try to get a halve wave resonance. That has high impedance, en therefore introduces low current into the ground system. The disadvantage is that you have to make a matching network that transforms 50 ohms to the kOhms range.

If the height is too much, you may add a coil in the middle. This reduces bandwidth and increases the feed point impedance.

Best regards,

Wim
PA3DJS

1082. Re: 2 meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 18:42:38 UTC
From: Tam/WB2TT <t-tammaru@c0mca$t.net>
Message-ID: <htWdndFtGNKZWqrYnZ2dnUVZ_qCdnZ2d@comcast.com>
Source record: 50856

"Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in message
news:KyxZg.2415$vK.529@tornado.southeast.rr.com...
> Thanks for all the information everyone...
> The only ARRL antenna book I have is the one on wire antennas, If you
> could
> suggest one that covers yagi antennas in detail, I am sure they still sell
> it. I think that I could build one a lot cheaper than buying one and learn
> something at the same time.
>
> I would like the best gain possible (who wouldn't) However, I need
> something that has the smallest lobe(s) off the sides and back. (I know
> the
> two more or less coincide with each to a large degree.
>
> To give you an idea of what I am trying to do...I have some land in
> Richlands NC. I am a member of several ham clubs in the Charleston,SC area
> that has repeaters fairly close to the SC,NC state lines. I would like to
> be
> able to make it into one of those repeaters from Richlands, NC. (that may
> only work when the bands open up every now and again)
> I do not want to key up every repeater on the same freq. to the sides or
> the back of the antenna.
> So I bow down to the elmers and those who can point me in the right
> direction. BTW. the antenna will be at least 60' high but possibley up to
> 110' high depending on tower funds when I move.
>
> Im good at QRZ and ARRL
> Thanks again
> Joe KI4ILB
> Solar powered ham radio
>
>
For high gain and vertical polarization, you might want to consider two
antennas stacked horizontally. This will get the antennas away from the
metal of the mast and tower. Somewhere betwee 6 and 8 feet should work.

Tam/WB2TT

1083. Re: Space Cadets like sc

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 19:17:58 UTC
From: Walter Maxwell <walt@w2du.com>
Message-ID: <2gjfj21qb4jeru8cb16lo50019112hbbis@4ax.com>
Source record: 50857

On Thu, 19 Oct 2006 09:01:46 -0400, Mark@kb9rqz.net wrote:

>On Thu, 19 Oct 2006 08:54:05 -0400, "Markie Morgan" <JD@yahoo.com>
>wrote:
>
>id theft is acrime
>http://kb9rqz.blogspot.com/

Mark, are you intentionally posting to the rec.radio.amateur.antenna newsgroup, or have you inadvertantly posted to this group while intending to post in some other newsgroup.

The reason I ask is that your postings are not relevant to the rec.radio.amateur.antenna news group.

If you are inadvertantly posting to this news group, please note and readdress your postings to only the news group that peaks your interest. It is wasteful of space and time to continually post to a newsgroup that has no interest in what you're saying.

Walt, W2DU

1084. Mark, are you listening?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 19:20:54 UTC
From: Walter Maxwell <walt@w2du.com>
Message-ID: <8sjfj2du6ghk23h75gj5mcnrvp2rbrk8ns@4ax.com>
Source record: 50858

Notice to Mark at kb9rqz.net

Mark, are you intentionally posting to the rec.radio.amateur.antenna newsgroup, or have you inadvertantly posted to this group while intending to post in some other newsgroup.

The reason I ask is that your postings are not relevant to the rec.radio.amateur.antenna news group.

If you are inadvertantly posting to this news group, please note and readdress your postings to only the news group that peaks your interest. It is wasteful of space and time to continually post to a newsgroup that has no interest in what you're saying.

Walt, W2DU

1085. Long boom Vs Stacked elements

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 19:51:11 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1161287471.864214.198980@h48g2000cwc.googlegroups.com>
Source record: 50859

I thought that I would compare my new antenna before it goes up with
one of my old long boom yagis. I found that tho my new array had approx
the same bottom contour of the main lobe of the long boom yagi the
depth and width of the half power main lobe dimensions were much
larger.
This means that with my new arrays main beam covering a larger land
surface area for contacts
the signal to noise may well be a disadvantage tho I must admit that in
the past I have had mechanical difficulties with long booms. The fact
that the main lobe half power points are broader in all directions I
assume that would be the choice for dx style competitions even tho
noisier but for the all round ham operator what is the best choice for
hams such as myself who is not interested in contests?
I suspect that many hams, especially those with small lots, have
tangled with this question so I would like to know what your descisions
were and why..Now if you are interested in keeping this newsgroup for
antenna style discussions now is the chance to contribute to see if
that is where ham members interests truly lies..
Regards
Art

1086. Re: Space Cadets like my little man

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 20:15:15 UTC
From: Gavrielah@mail2mrright.com
Message-ID: <1161288915.246859.282400@i42g2000cwa.googlegroups.com>
Source record: 50860
Cross-posted to: rec.radio.cb,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.usenet.kooks,rec.radio.swap

Mark@kb9rqz.net wrote:
> On Thu, 19 Oct 2006 08:54:05 -0400, "Markie Morgan" <JD@yahoo.com>
> wrote:
>
> id theft is acrime
> http://kb9rqz.blogspot.com/
>
> --
> Posted via a free Usenet account from http://www.teranews.com

SC......would you try to get morkins to get off the computer and get on
me?

1087. id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 20:49:40 UTC
From: Mark@kb9rqz.net
Message-ID: <k6pfj2t18sic551cvatq49ja5amsb1q6g5@4ax.com>
Source record: 50861
Cross-posted to: rec.radio.cb,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On 19 Oct 2006 13:15:15 -0700, Gavrielah@mail2mrright.com wrote:

>

id theft is a crime
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1088. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 22:27:18 UTC
From: Ken Finney <kenneth.c.finney@boeing.com>
Message-ID: <J7EMDH.5G7@news.boeing.com>
Source record: 50862
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

"Papa Dog" <papadogbg@yahoo.com> wrote in message
news:MPG.1f9df6c6ce462e30989a43@news-server.carolina.rr.com...
> In article <qEVYg.10360$Y24.4477@newsread4.news.pas.earthlink.net>,
> my.mail@no.spam says...
>> Papa Dog <papadogbg@yahoo.com> wrote in
>> news:MPG.1f9b72ea52e3e77f989a42@news-server.carolina.rr.com:
>>
>> > Passed my Tech Exam today. Only missed one question.
>>
>>
>> No, You missed another ten questions,
>
> No I didn't take the code test. You're absolutely no help. You just
> try and stir the pot. If you have so much knowledge why don't you share
> it with the group instead of just causing trouble.
>
>> the CW questions, but since the
>> Tech license is dumbed down you weren't tested on them.
>
> I took the test the government of my country prescribed I take. If you
> don't like it call the FCC. I've long since tired of your whining.
>>
>> Don't know which HT to recommend,

Most people I hang with bought either the Icom IC-T90 or the Kenwood TH-F6A.

1089. Re: Space Cadets like my little man

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-19 23:42:55 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <34UZg.13502$o71.5657@newsread3.news.pas.earthlink.net>
Source record: 50863
Cross-posted to: rec.radio.cb,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.usenet.kooks,rec.radio.swap

Gavrielah@mail2mrright.com wrote in
news:1161288915.246859.282400@i42g2000cwa.googlegroups.com:

>
> SC......would you try to get morkins to get off the computer and get on
> me?

Sure thing Steve.

Markie, Get off the Computer and mount Steve this instant you tard.

SC

1090. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 00:09:31 UTC
From: Papa Dog <papadogbg@yahoo.com>
Message-ID: <MPG.1fa1ddcac72a4f9c989a4e@news-server.carolina.rr.com>
Source record: 50864
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

In article <J7EMDH.5G7@news.boeing.com>, kenneth.c.finney@boeing.com
says...
>
> "Papa Dog" <papadogbg@yahoo.com> wrote in message
> news:MPG.1f9df6c6ce462e30989a43@news-server.carolina.rr.com...
> > In article <qEVYg.10360$Y24.4477@newsread4.news.pas.earthlink.net>,
> > my.mail@no.spam says...
> >> Papa Dog <papadogbg@yahoo.com> wrote in
> >> news:MPG.1f9b72ea52e3e77f989a42@news-server.carolina.rr.com:
> >>
> >> > Passed my Tech Exam today. Only missed one question.
> >>
> >>
> >> No, You missed another ten questions,
> >
> > No I didn't take the code test. You're absolutely no help. You just
> > try and stir the pot. If you have so much knowledge why don't you share
> > it with the group instead of just causing trouble.
> >
> >> the CW questions, but since the
> >> Tech license is dumbed down you weren't tested on them.
> >
> > I took the test the government of my country prescribed I take. If you
> > don't like it call the FCC. I've long since tired of your whining.
> >>
> >> Don't know which HT to recommend,
>
> Most people I hang with bought either the Icom IC-T90 or the Kenwood TH-F6A.
>
>
>
>
Thanks for the advice. I already went with Yaseu. Got a good deal on
it. Listening to it right now. I'm picking up 12 repeaters on the duck
antenna. Complicated to figure out to begin with but pretty cool. It
even picks up 800 MHz police and am air. I'm in hog heaven.

73
Chris

1091. Re: TOOL FOR CUTTING EARTH & BURYING RADIALS ????

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 00:22:49 UTC
From: dplatt@radagast.org
Message-ID: <12jg5mpkl1b4ha2@corp.supernews.com>
Source record: 50865

>A friend of mine told me that at Dayton, over the past few years, he has seen a
>tool that looks like a lineoleum knife with a small tube welded onto it for
>cutting the earth and burying an antenna radial at the same time. You feed the
>wire through the tube, and as the tool cuts the earth, it dispenses and buries
>the wire. Has anyone seen this tool, and who makes it ??? Where can I buy one
>???

As others have mentioned, this sort of system may require more
cutting/pulling force than a human arm/hand can provide safely, unless
your soil is fairly soft.

A tractor- or horse-drawn plow blade, modified slightly, has been used
to do this sort of radial-burying for commercial radio stations. A
blade is made out of thin (but stiff) sheet steel, and (it appears
from the photo here) a bent piece of conduit is welded to the back
edge of the blade to feed the wire into the ground.

A picture of such a plow in use appears on page 189 of Laport's "Radio
Antenna Engineering".

--
Dave Platt <dplatt@radagast.org> AE6EO
Hosting the Jade Warrior home page: http://www.radagast.org/jade-warrior
I do _not_ wish to receive unsolicited commercial email, and I will
boycott any company which has the gall to send me such ads!

1092. Re: Space Cadets like Slow Code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 00:30:26 UTC
From: Mark@kb9rqz.org
Message-ID: <636gj296jl9cjbc6od4up36292ct2mblib@4ax.com>
Source record: 50866
Cross-posted to: rec.radio.cb,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Thu, 19 Oct 2006 23:42:55 GMT, Slow Code <my.mail@no.spam> wrote:

>Gavrielah@mail2mrright.com wrote in
>news:1161288915.246859.282400@i42g2000cwa.googlegroups.com:
>
>>
>> SC......would you try to get morkins to get off the computer and get on
>> me?
>
>
>
>Sure thing Steve.
>
>Markie, Get off the Computer and mount Steve this instant you tard.
interesting you claim to opose homosexaul condcut now you are
promoting such in radio NG and you are trolling in the KOOK gruop

why do you hate ham radio SC
>
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1093. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 00:40:03 UTC
From: "kb9rqz-3@hotmail.com" <kb9rqz-3@hotmail.com>
Message-ID: <1161304803.874320.265320@e3g2000cwe.googlegroups.com>
Source record: 50867
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Papa Dog wrote:
> In article <J7EMDH.5G7@news.boeing.com>, kenneth.c.finney@boeing.com
> says...
> >

> >
> Thanks for the advice. I already went with Yaseu. Got a good deal on
> it. Listening to it right now. I'm picking up 12 repeaters on the duck
> antenna. Complicated to figure out to begin with but pretty cool. It
> even picks up 800 MHz police and am air. I'm in hog heaven.
good to hear

have a good time
>
> 73
> Chris

1094. Re: Mark, are you listening?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 00:48:57 UTC
From: Danny Richardson <n_group@k6mhe.com>
Message-ID: <8u6gj2hb6r4nmsoqlifics8crc8rtg6jmf@4ax.com>
Source record: 50868

On Thu, 19 Oct 2006 15:20:54 -0400, Walter Maxwell <walt@w2du.com>
wrote:

>Notice to Mark at kb9rqz.net
>
>Mark, are you intentionally posting to the rec.radio.amateur.antenna newsgroup,
>or have you inadvertantly posted to this group while intending to post in some
>other newsgroup.
>
>The reason I ask is that your postings are not relevant to the
>rec.radio.amateur.antenna news group.
>
>If you are inadvertantly posting to this news group, please note and readdress
>your postings to only the news group that peaks your interest. It is wasteful of
>space and time to continually post to a newsgroup that has no interest in what
>you're saying.
>
>Walt, W2DU

Hi Walt,

You're wasting you time with these people. Roy tried it with no avail.
For some reason they decided to abandon any form of news group
courtesy and post their stuff anywhere without the slightest respect
for others.

73,
Danny, K6MHE

1095. Re: TOOL FOR CUTTING EARTH & BURYING RADIALS ????

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 07:01:12 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <wjLbQLE4QHOFFAaE@ifwtech.co.uk>
Source record: 50869

Dave Platt wrote:
>>A friend of mine told me that at Dayton, over the past few years, he
>>has seen a
>>tool that looks like a lineoleum knife with a small tube welded onto it for
>>cutting the earth and burying an antenna radial at the same time. You feed the
>>wire through the tube, and as the tool cuts the earth, it dispenses and buries
>>the wire. Has anyone seen this tool, and who makes it ??? Where can I buy one
>>???
>
>As others have mentioned, this sort of system may require more
>cutting/pulling force than a human arm/hand can provide safely, unless
>your soil is fairly soft.
>
>A tractor- or horse-drawn plow blade, modified slightly, has been used
>to do this sort of radial-burying for commercial radio stations. A
>blade is made out of thin (but stiff) sheet steel, and (it appears
>from the photo here) a bent piece of conduit is welded to the back
>edge of the blade to feed the wire into the ground.
>
>A picture of such a plow in use appears on page 189 of Laport's "Radio
>Antenna Engineering".
>

For a modern version, see http://sm2cew.com/plow.htm

All you need is a Volvo tractor...

--
73 from Ian GM3SEK

1096. Re: TOOL FOR CUTTING EARTH & BURYING RADIALS ????

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 11:59:47 UTC
From: kd5sak <kd5sak@sbcglobal.net>
Message-ID: <TS2_g.14508$GR.2399@newssvr29.news.prodigy.net>
Source record: 50870

"Ian White GM3SEK" <gm3sek@ifwtech.co.uk> wrote in message
news:wjLbQLE4QHOFFAaE@ifwtech.co.uk...
> Dave Platt wrote:
> For a modern version, see http://sm2cew.com/plow.htm
>
> All you need is a Volvo tractor...
>
>
> --
> 73 from Ian GM3SEK

Probably uses a standard "3 point hook-up". If so, you can probably use any brand tractor.

Harold
KD5SAK

1097. Re: TOOL FOR CUTTING EARTH & BURYING RADIALS ????

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 13:42:11 UTC
From: tclay@qmc.ph.msstate.edu
Message-ID: <87mz7rnlxo.fsf@qmc.ph.msstate.edu>
Source record: 50871

>A friend of mine told me that at Dayton, over the past few years, he has seen a
>tool that looks like a lineoleum knife with a small tube welded onto it for
>cutting the earth and burying an antenna radial at the same time. You feed the
>wire through the tube, and as the tool cuts the earth, it dispenses and buries
>the wire. Has anyone seen this tool, and who makes it ??? Where can I buy one
>???

Do a google search for 'vibratory plow'. If you are in a big enough city you
might be able to rent one for a weekend. I haven't used one, but I bet it
would be great for radials.

Tor
N4OGW

1098. I punced in aigian

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 15:21:25 UTC
From: Markie Morgan <kb9qrz@hummer.com>
Message-ID: <4538dc91$0$19742$88260bb3@free.teranews.com>
Source record: 50872
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.scanner

ok I back four anoter tuff day on the news grupes it my job tis waht I do
so
bringit on you loosers

show-na-to-va (that is the greeting for this time of year as a JEW
rendered phonicticaly)
happy new years it means and it can be better one if Wismen Robson and
SC a few just decided to not to be as hateful

with the punce gotcha he wonders why I simple don't bother to ty
impoving my spelling do u hav anyting cognet two say?

http://www.marksspamblog.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1099. Re: Wilson 1000 magnet Mount Antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 15:33:24 UTC
From: Markie Morgan <kb9qrz@hummer.com>
Message-ID: <4538df61$0$19622$88260bb3@free.teranews.com>
Source record: 50873
Cross-posted to: rec.radio.cb,rec.radio.amateur.policy,rec.radio.amateur.antenna,alt.ham-radio.vhf-uhf

<Mark@kb9rqz.org> wrote in message
news:3vphj2hfou2komof5r5s40d9acqnoibobc@4ax.com...
> On Fri, 20 Oct 2006 13:52:56 GMT, "Landshark" <S3Buell@SBCGlobal.net>
> wrote:
>
>>"Telstar Electronics" <briangriffey@sbcglobal.net> wrote in message
>>news:1161262154.768514.137410@e3g2000cwe.googlegroups.com...
>>> Where is the cheapest place to buy one of these antennas?
>>>
>>> http://search.ebay.com/_W0QQsassZtelstar-electronicsQQhtZ-1QQfrppZ50QQfsopZ1QQfsooZ1QQ
rdZ0?
>>
>>
>>Has nothing to do with a Wilson antenna Brian, you really don't value
>>your ISP.
> who peed in your cherrios "landshark"?
> http://kb9rqz.blogspot.com/
>
>
I lkie wehn my shemale wife pee onmy face I into solid waste know too
tahnks to tood.
http://www.marksspamblog.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1100. id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 15:48:22 UTC
From: Mark@kb9rqz.org
Message-ID: <dtrhj2hb6hhm25up6t43npa34pblnh6c88@4ax.com>
Source record: 50874
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.scanner

On Fri, 20 Oct 2006 11:21:25 -0400, "Markie Morgan"
<kb9qrz@hummer.com> wrote:

>
it is you know
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1101. id theft is crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 15:49:09 UTC
From: Mark@kb9rqz.org
Message-ID: <curhj2pedqo2s4vkj2l4b1b8m6gpuijpvs@4ax.com>
Source record: 50875
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,alt.ham-radio.vhf-uhf

On Fri, 20 Oct 2006 11:33:24 -0400, "Markie Morgan"
<kb9qrz@hummer.com> wrote:

>
><Mark@kb9rqz.org> wrote in message

it is you know
>>
> I lkie wehn my shemale wife pee onmy face I into solid waste know too
>tahnks to tood.
get help you need
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1102. Re: Mark, are you listening?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 17:11:47 UTC
From: Walter Maxwell <walt@w2du.com>
Message-ID: <8p0ij217ordaov0cf09d6ik9cmuuqrssq6@4ax.com>
Source record: 50776

On Thu, 19 Oct 2006 17:48:57 -0700, Danny Richardson <n_group@k6mhe.com> wrote:

>On Thu, 19 Oct 2006 15:20:54 -0400, Walter Maxwell <walt@w2du.com>
>wrote:
>
>>Notice to Mark at kb9rqz.net
>>
>>Mark, are you intentionally posting to the rec.radio.amateur.antenna newsgroup,
>>or have you inadvertantly posted to this group while intending to post in some
>>other newsgroup.
>>
>>The reason I ask is that your postings are not relevant to the
>>rec.radio.amateur.antenna news group.
>>
>>If you are inadvertantly posting to this news group, please note and readdress
>>your postings to only the news group that peaks your interest. It is wasteful of
>>space and time to continually post to a newsgroup that has no interest in what
>>you're saying.
>>
>>Walt, W2DU
>
>Hi Walt,
>
>You're wasting you time with these people. Roy tried it with no avail.
>For some reason they decided to abandon any form of news group
>courtesy and post their stuff anywhere without the slightest respect
>for others.
>
>73,
>Danny, K6MHE
>
Yer right, Danny, they're sick.

Walt, W2DU

1103. Re: sodomy is crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 18:10:39 UTC
From: show_na_to_gav@yahoo.com
Message-ID: <1161367838.994627.5410@h48g2000cwc.googlegroups.com>
Source record: 50777
Cross-posted to: rec.radio.cb,rec.radio.amateur.policy,alt.usenet.kooks,rec.radio.amateur.antenna,alt.ham-radio.vhf-uhf

Mark@kb9rqz.org wrote:
> On Fri, 20 Oct 2006 11:33:24 -0400, "Markie Morgan"
> <kb9qrz@hummer.com> wrote:
>
> >
> ><Mark@kb9rqz.org> wrote in message
>
> it is you know
> >>
> > I lkie wehn my shemale wife pee onmy face I into solid waste know too
> >tahnks to tood.
4000 POSTS IN ALT>FLAME>FAGGOTS!!!!!! FAGS ROCK YOUR ASS!!!!! FAGS LOVE
YOUR ASS!!!!!!!@
All 3 messages in topic - view as tree
From: Nacho Cheesier - view profile
Date: Fri, Oct 22 1999 12:00 am
Email: nacho-chees...@superstick.com (Nacho Cheesier)
Groups: alt.flame.faggots
Not yet ratedRating:
hide options
Reply | Reply to Author | Forward | Print | Individual Message | Show
original | Report Abuse | Find messages by this author

4000 POSTS IN ALT>FLAME>FAGGOTS!!!!!! FAGS ROCK YOUR ASS!!!!! FAGS LOVE
YOUR ASS!!!!!!!@4000 POSTS
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YOUR ASS!!!!!!!@

Reply Rate this post: Text for clearing space

From: The name is Benjo - view profile
Date: Fri, Oct 22 1999 12:00 am
Email: "The name is Benjo" <famav...@casema.net>
Groups: alt.flame.faggots
Not yet ratedRating:
show options
Reply | Reply to Author | Forward | Print | Individual Message | Show
original | Report Abuse | Find messages by this author

Oh my, I have some things to do to make to 4500, isn't it?!

So... 100 new pics are not enough, let me see how many I
can post tomorrow..... will I really carried away with the beauty
the nekked male? Just wait and find out.

Nacho Cheesier <nacho-chees...@superstick.com> wrote in message

news:AB442928316423CD.2310059F38B22FF4.E12D3CEEA225A9A4@lp.airnews.net...

> 4000 POSTS IN ALT>FLAME>FAGGOTS!!!!!! FAGS ROCK YOUR ASS!!!!! FAGS LOVE

YOUR ASS!!!!!!!@4000 POSTS

> IN ALT>FLAME>FAGGOTS!!!!!! FAGS ROCK YOUR ASS!!!!! FAGS LOVE YOUR

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ASS!!!!!!!@vv
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YOUR ASS!!!!!!!@4000 POSTS

> IN ALT>FLAME>FAGGOTS!!!!!! FAGS ROCK YOUR ASS!!!!! FAGS LOVE YOUR
ASS!!!!!!!@
> 4000 POSTS IN ALT>FLAME>FAGGOTS!!!!!! FAGS ROCK YOUR ASS!!!!! FAGS LOVE

YOUR ASS!!!!!!!@

Reply Rate this post: Text for clearing space

From: Nacho Cheesier - view profile
Date: Fri, Oct 22 1999 12:00 am
Email: nacho-chees...@superstick.com (Nacho Cheesier)
Groups: alt.flame.faggots
Not yet ratedRating:

show options
Reply | Reply to Author | Forward | Print | Individual Message | Show original | Report Abuse | Find messages by this author

On Fri, 22 Oct 1999 04:18:03 +0200, "The name is Benjo" <famav...@casema.net> wrote:

::Oh my, I have some things to do to make to 4500, isn't it?!
::
::So... 100 new pics are not enough, let me see how many I
::can post tomorrow..... will I really carried away with the beauty
::the nekked male? Just wait and find out.

Groovey

You rock

::
::

::Nacho Cheesier <nacho-chees...@superstick.com> wrote in message

::news:AB442928316423CD.2310059F38B22FF4.E12D3CEEA225A9A4@lp.airnews.net...

::> 4000 POSTS IN ALT>FLAME>FAGGOTS!!!!!! FAGS ROCK YOUR ASS!!!!! FAGS LOVE
::YOUR ASS!!!!!!!@4000 POSTS
::> IN ALT>FLAME>FAGGOTS!!!!!! FAGS ROCK YOUR ASS!!!!! FAGS LOVE YOUR
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ASS!!!!!!!@
::> 4000 POSTS IN ALT>FLAME>FAGGOTS!!!!!! FAGS ROCK YOUR ASS!!!!! FAGS LOVE
::YOUR ASS!!!!!!!@4000 POSTS
::> IN ALT>FLAME>FAGGOTS!!!!!! FAGS ROCK YOUR ASS!!!!! FAGS LOVE YOUR
::ASS!!!!!!!@4000 POSTS IN
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::> ALT>FLAME>FAGGOTS!!!!!! FAGS ROCK YOUR ASS!!!!! FAGS LOVE YOUR
::ASS!!!!!!!@4000 POSTS IN
::> ALT>FLAME>FAGGOTS!!!!!! FAGS ROCK YOUR ASS!!!!! FAGS LOVE YOUR
ASS!!!!!!!@
::> 4000 POSTS IN ALT>FLAME>FAGGOTS!!!!!! FAGS ROCK YOUR ASS!!!!! FAGS

LOVE
::YOUR ASS!!!!!!!@4000 POSTS
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::> ALT>FLAME>FAGGOTS!!!!!! FAGS ROCK YOUR ASS!!!!! FAGS LOVE YOUR
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::ASS!!!!!!!@4000 POSTS IN
::> ALT>FLAME>FAGGOTS!!!!!! FAGS ROCK YOUR ASS!!!!! FAGS LOVE YOUR
::ASS!!!!!!!@v4000 POSTS IN
::> ALT>FLAME>FAGGOTS!!!!!! FAGS ROCK YOUR ASS!!!!! FAGS LOVE YOUR
::ASS!!!!!!!@4000 POSTS IN
::> ALT>FLAME>FAGGOTS!!!!!! FAGS ROCK YOUR ASS!!!!! FAGS LOVE YOUR
::ASS!!!!!!!@vv
::> 4000 POSTS IN ALT>FLAME>FAGGOTS!!!!!! FAGS ROCK YOUR ASS!!!!! FAGS
LOVE
::YOUR ASS!!!!!!!@4000 POSTS
::> IN ALT>FLAME>FAGGOTS!!!!!! FAGS ROCK YOUR ASS!!!!! FAGS LOVE YOUR
::ASS!!!!!!!@
::> 4000 POSTS IN ALT>FLAME>FAGGOTS!!!!!! FAGS ROCK YOUR ASS!!!!! FAGS
LOVE
::YOUR ASS!!!!!!!@4000 POSTS
::> IN ALT>FLAME>FAGGOTS!!!!!! FAGS ROCK YOUR ASS!!!!! FAGS LOVE YOUR
::ASS!!!!!!!@
::> 4000 POSTS IN ALT>FLAME>FAGGOTS!!!!!! FAGS ROCK YOUR ASS!!!!! FAGS
LOVE
::YOUR ASS!!!!!!!@
::
::
> get help you need
> http://kb9rqz.blogspot.com/
>
> --
> Posted via a free Usenet account from http://www.teranews.com

1104. Re: Mark, are you listening?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 18:21:02 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1161368462.308761.248940@b28g2000cwb.googlegroups.com>
Source record: 50778

Walter,, when these type of people see that this is an adverserial
newsgroup they want to join in.because some people like pouring it on
for auguments sake. Ofcourse they can't enter the antenna arguements
they will make up there own auguements in the hope that you will join
them in the fray,after all they believe they have found a place that
they will be noticed. They are succeeding in their quest as people in
the antenna field also enjoy arguements and adverserial relationships
such as yourself and others who have added to this thread. Lets face
it, this newsgroup is losing favor with hams because of its content.
Over the years I have seen many a knowelagble ham fade away from this
newsgroup in disgust while the small core stays on in adverserial
relationships that continually draws these sick type of people. For
things to change the few perceived antenna experts will have to change
their mind set and not challenge everybody with respect to their
intelligence regarding a subject. But that is not going to happen as
the few self perceived experts have oulasted all the true experts and
now perceive themselves as the Senate for Antennas in this very small
pond that we inhabit. Now we appear to be going thru a stage of
nitpicking
that is always good for auguement starters thus strengthening the
attraction to the sick people. The bottom line is that I believe that a
few of the long term self percieved expert inhabitants really enjoy
adverserial debates but dislike the idea of outsiders taking attention
away from them .So a change in the gradual demise of this newsgroup is
going to continue
until a core group fades away as it has done with many an old type ham
that rejected the CB ers who were interested as outsiders the same as
those who rattle morse code spark plugs who feel the same way towawds
fellow hams who shy away from those who feel what they do is a true
sign of intelligence. Walter, you really should join a group that
research the
different facets of antennas even tho it means swimming in a sea
containing bigger fish as they will stay on the subject of antennas
where their interests really lie. That is not the case for many that
frequent this newsgroup. As with antennas you have to compromise on
many things to achieve your desires what ever they may be..
Regards
Art

Walter Maxwell wrote:
> On Thu, 19 Oct 2006 17:48:57 -0700, Danny Richardson <n_group@k6mhe.com> wrote:
>
> >On Thu, 19 Oct 2006 15:20:54 -0400, Walter Maxwell <walt@w2du.com>
> >wrote:

> >
> >>Notice to Mark at kb9rqz.net
> >>
> >>Mark, are you intentionally posting to the rec.radio.amateur.antenna newsgroup,
> >>or have you inadvertantly posted to this group while intending to post in some
> >>other newsgroup.
> >>
> >>The reason I ask is that your postings are not relevant to the
> >>rec.radio.amateur.antenna news group.
> >>
> >>If you are inadvertantly posting to this news group, please note and readdress
> >>your postings to only the news group that peaks your interest. It is wasteful of
> >>space and time to continually post to a newsgroup that has no interest in what
> >>you're saying.
> >>
> >>Walt, W2DU
> >
> >Hi Walt,
> >
> >You're wasting you time with these people. Roy tried it with no avail.
> >For some reason they decided to abandon any form of news group
> >courtesy and post their stuff anywhere without the slightest respect
> >for others.
> >
> >73,
> >Danny, K6MHE
> >
> Yer right, Danny, they're sick.
>
> Walt, W2DU

1105. Re: Mark, are you listening?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 18:21:03 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1161368463.092811.160910@m7g2000cwm.googlegroups.com>
Source record: 50779

Walter,, when these type of people see that this is an adverserial
newsgroup they want to join in.because some people like pouring it on
for auguments sake. Ofcourse they can't enter the antenna arguements
they will make up there own auguements in the hope that you will join
them in the fray,after all they believe they have found a place that
they will be noticed. They are succeeding in their quest as people in
the antenna field also enjoy arguements and adverserial relationships
such as yourself and others who have added to this thread. Lets face
it, this newsgroup is losing favor with hams because of its content.
Over the years I have seen many a knowelagble ham fade away from this
newsgroup in disgust while the small core stays on in adverserial
relationships that continually draws these sick type of people. For
things to change the few perceived antenna experts will have to change
their mind set and not challenge everybody with respect to their
intelligence regarding a subject. But that is not going to happen as
the few self perceived experts have oulasted all the true experts and
now perceive themselves as the Senate for Antennas in this very small
pond that we inhabit. Now we appear to be going thru a stage of
nitpicking
that is always good for auguement starters thus strengthening the
attraction to the sick people. The bottom line is that I believe that a
few of the long term self percieved expert inhabitants really enjoy
adverserial debates but dislike the idea of outsiders taking attention
away from them .So a change in the gradual demise of this newsgroup is
going to continue
until a core group fades away as it has done with many an old type ham
that rejected the CB ers who were interested as outsiders the same as
those who rattle morse code spark plugs who feel the same way towawds
fellow hams who shy away from those who feel what they do is a true
sign of intelligence. Walter, you really should join a group that
research the
different facets of antennas even tho it means swimming in a sea
containing bigger fish as they will stay on the subject of antennas
where their interests really lie. That is not the case for many that
frequent this newsgroup. As with antennas you have to compromise on
many things to achieve your desires what ever they may be..
Regards
Art

Walter Maxwell wrote:
> On Thu, 19 Oct 2006 17:48:57 -0700, Danny Richardson <n_group@k6mhe.com> wrote:
>
> >On Thu, 19 Oct 2006 15:20:54 -0400, Walter Maxwell <walt@w2du.com>
> >wrote:

> >
> >>Notice to Mark at kb9rqz.net
> >>
> >>Mark, are you intentionally posting to the rec.radio.amateur.antenna newsgroup,
> >>or have you inadvertantly posted to this group while intending to post in some
> >>other newsgroup.
> >>
> >>The reason I ask is that your postings are not relevant to the
> >>rec.radio.amateur.antenna news group.
> >>
> >>If you are inadvertantly posting to this news group, please note and readdress
> >>your postings to only the news group that peaks your interest. It is wasteful of
> >>space and time to continually post to a newsgroup that has no interest in what
> >>you're saying.
> >>
> >>Walt, W2DU
> >
> >Hi Walt,
> >
> >You're wasting you time with these people. Roy tried it with no avail.
> >For some reason they decided to abandon any form of news group
> >courtesy and post their stuff anywhere without the slightest respect
> >for others.
> >
> >73,
> >Danny, K6MHE
> >
> Yer right, Danny, they're sick.
>
> Walt, W2DU

1106. Routing radio signals around objects

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 18:56:28 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <wZ8_g.91$s6.52@newssvr11.news.prodigy.com>
Source record: 50780

This like will no doubt disappear in time but consider
the applications to amateur radio.

http://www.breitbart.com/news/2006/10/20/061020170453.em0doxnf.html
--
73, Cecil http://www.w5dxp.com

1107. Re: Routing radio signals around objects

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 19:05:37 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1161371137.383826.314530@m7g2000cwm.googlegroups.com>
Source record: 50781

Isn't this like looking at a fish underwater where it.... is .....not
exactly where you see it ..... is?
.....This is what Clinton was talking about when referring to.....
:is.....!:
Art

Cecil Moore wrote:
> This like will no doubt disappear in time but consider
> the applications to amateur radio.
>
> http://www.breitbart.com/news/2006/10/20/061020170453.em0doxnf.html
> --
> 73, Cecil http://www.w5dxp.com

1108. Re: sodomy is crime< no it si not but id theft is a cirme

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 19:09:47 UTC
From: Mark@kb9rqz.org
Message-ID: <dm7ij21cms8ifmjmn839tlah2fpn7c6cfi@4ax.com>
Source record: 50782
Cross-posted to: rec.radio.cb,rec.radio.amateur.policy,rec.radio.amateur.antenna,alt.ham-radio.vhf-uhf

On 20 Oct 2006 11:10:39 -0700, show_na_to_gav@yahoo.com wrote:

>

and you therefore are a criminal
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1109. Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 19:12:53 UTC
From: Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk>
Message-ID: <dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk>
Source record: 50783

There was recently a thread here on the subject of whether morse had saved any lives recently. Well it has in the UK!

Have a look at
http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm

"Torch used in Morse code rescue.
Coastguards in Hampshire have rescued a sailor who used his torch to flash an SOS message in Morse code."

Ian.
--

1110. Re: Routing radio signals around objects

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 19:27:21 UTC
From: gwatts <gwatts@frontiernet.net>
Message-ID: <tq9_g.3567$ya1.3219@news02.roc.ny>
Source record: 50784

art wrote:
> Isn't this like looking at a fish underwater where it.... is .....not
> exactly where you see it ..... is?

No, this is like looking at a fish underwater and not seeing the fish at all because the light is refracted around the fish.

> .....This is what Clinton was talking about when referring to.....
> :is.....!:

No, more like what Bush was talking about when he said 'Mission Accomplished,' what you see and hear is completely different than actual reality.

W8LNA

1111. A chance to argue about something different

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 20:30:41 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1161376241.351732.193630@f16g2000cwb.googlegroups.com>
Source record: 50785

Hi members of the antenna group,
Seems like the group is getting bogged down into sniping, here another chance
to get back to antennas. I tried with another post yesterday but the choice of attention is still to those who want to snipe.

With a driven element you have two circular radiation patterns at each section.
Before you start to focus a beam for gain by adding parassitic elements you must first collect
maximuml radiation to the desired direction.
Soooooooooooo.....
with these two circular patterns from the driven element you fold the pattern in the middle
so that both patterns are in the same direction and the same shape i.e a circle that expands to a larger circle but holding on to a particular half power beam width which is an included angle.
So when we start to add parassitics we are able to deal with this CIRCLE of radiation which then focusses by squeezing of the pattern since it cannot add to the initial pattern.
I think the above clearly shows that for recovering of radiation from the rear direction in any form must produce a radiation pattern to the front by retaining a circular pattern. Now I have achieved
such a transformation of a driven element with a reflector to produce an initial circular pattern via computor analysis which agrees in my mind that rear radiation does nothing fto add to the forward radiation lobe.
This is contrary to the thinking of some pseudo experts on this newsgroup. So what is really happening, take a shot at it even if you do not consider your self an expert since we want your participation as well as the experts who will probably hang back to be guided by what others have to say.
Now we can ignore this posting since it is about antennas.
We can use a sniping tactic by changing the subject to a direction that you want .
You can resort to saying I don't understand the question..
We can debate alternative arguments where you tend to disagree and show why e.t.c .
So what do you want for this newsgroup? (Are you listening Walt)
An augument, a debate as to why a radiation pattern changed from circucular or do you prefer to extend the threads from slow code and others of his type who are not here to talk about antennas. Or should we await a similar question to get back on track from one of the old members of this newsgroup who are unhappy with the state of things?.

Your choice guys ! Are you a follower or a leader?
Regards
Art

1112. Re: Routing radio signals around objects

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 20:32:50 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1161376370.729232.128910@i42g2000cwa.googlegroups.com>
Source record: 50786

That pretty much agrees with my comments
Art
gwatts wrote:
> art wrote:
> > Isn't this like looking at a fish underwater where it.... is .....not
> > exactly where you see it ..... is?
>
> No, this is like looking at a fish underwater and not seeing the fish at
> all because the light is refracted around the fish.
>
> > .....This is what Clinton was talking about when referring to.....
> > :is.....!:
>
> No, more like what Bush was talking about when he said 'Mission
> Accomplished,' what you see and hear is completely different than actual
> reality.
>
> W8LNA

1113. Re: finco stinger

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 21:07:12 UTC
From: NandMwolfe@aol.com
Message-ID: <1161378432.608276.230110@i42g2000cwa.googlegroups.com>
Source record: 50787

Jim - NN7K wrote:

> Finco, if memory serves was a manufacturer of
> antennas, back in the dark ages, around 50 years
> ago, and , NOT the sharpest tools in the shed!
> They work, BUT forget gain claims, and directivity
> claims. For local work, they be ok, BUT for DX,
> FORGET IT! (unless you are extremely luck to catch
> a band opening on 2 meters) Remember articles on
> how to improve Fincos, on 2 (and 6 meters), but
> those would even be suspect in this day of
> antenna modeling programs!-- Jim NN7K
>
> David G. Nagel wrote:
> > Merlin-7 KI4ILB wrote:
> >> Anyone ever heard of a finco stinger A2+2 yagi 2M beam?
> >>
> >> If so where can I find a manual on it?
> >>
> >> Thanks
> >> Joe
> >> KI4ILB
> >>
> >>
> > If you do a Google search you will find entries for a Finco Stinger CB
> > antenna but not a 2M beam.
> >
> > Dave WD9BDZ

1114. Re: finco stinger

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 21:07:49 UTC
From: NandMwolfe@aol.com
Message-ID: <1161378469.320827.70500@m7g2000cwm.googlegroups.com>
Source record: 50788

Jim - NN7K wrote:

> Finco, if memory serves was a manufacturer of
> antennas, back in the dark ages, around 50 years
> ago, and , NOT the sharpest tools in the shed!
> They work, BUT forget gain claims, and directivity
> claims. For local work, they be ok, BUT for DX,
> FORGET IT! (unless you are extremely luck to catch
> a band opening on 2 meters) Remember articles on
> how to improve Fincos, on 2 (and 6 meters), but
> those would even be suspect in this day of
> antenna modeling programs!-- Jim NN7K
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> David G. Nagel wrote:
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> >> If so where can I find a manual on it?
> >>
> >> Thanks
> >> Joe
> >> KI4ILB
> >>
> >>
> > If you do a Google search you will find entries for a Finco Stinger CB
> > antenna but not a 2M beam.
> >
> > Dave WD9BDZ

1115. Re: finco stinger

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 21:09:32 UTC
From: NandMwolfe@aol.com
Message-ID: <1161378572.232512.245110@k70g2000cwa.googlegroups.com>
Source record: 50789

John Siegel wrote:

> Tam/WB2TT wrote:
> > "Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in message
> > news:7swYg.29920$fy.3284@tornado.southeast.rr.com...
> >
> >>Anyone ever heard of a finco stinger A2+2 yagi 2M beam?
> >>
> >>If so where can I find a manual on it?
> >>
> >>Thanks
> >>Joe
> >>KI4ILB
> >>
> >
> > I have a 1962 Lafayette catalog that has a page of Finco TV antennas. No ham
> > stuff. Your 2m Stinger is probably that vintage, or older. Also have a 1964
> > ham catalog, no Finco anything in that.
> >
> > Tam/WB2TT
> >
> >
> They were around a bit more recently than that. I bought the 6+2 in
> late 79 or early 80.
> John

1116. Re: Mark, are you listening?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 21:16:39 UTC
From: Walter Maxwell <walt@w2du.com>
Message-ID: <44fij2ldbirlrtcep5k7uni98nn8j9f9i0@4ax.com>
Source record: 50790

On 20 Oct 2006 11:21:03 -0700, "art" <aunwin@insightbb.com> wrote:

>Walter,, when these type of people see that this is an adverserial
>newsgroup they want to join in.because some people like pouring it on
>for auguments sake. Ofcourse they can't enter the antenna arguements
>they will make up there own auguements in the hope that you will join
>them in the fray,after all they believe they have found a place that
>they will be noticed. They are succeeding in their quest as people in
>the antenna field also enjoy arguements and adverserial relationships
>such as yourself and others who have added to this thread. Lets face
>it, this newsgroup is losing favor with hams because of its content.
>Over the years I have seen many a knowelagble ham fade away from this
>newsgroup in disgust while the small core stays on in adverserial
>relationships that continually draws these sick type of people. For
>things to change the few perceived antenna experts will have to change
>their mind set and not challenge everybody with respect to their
>intelligence regarding a subject. But that is not going to happen as
>the few self perceived experts have oulasted all the true experts and
>now perceive themselves as the Senate for Antennas in this very small
>pond that we inhabit. Now we appear to be going thru a stage of
>nitpicking
>that is always good for auguement starters thus strengthening the
>attraction to the sick people. The bottom line is that I believe that a
>few of the long term self percieved expert inhabitants really enjoy
>adverserial debates but dislike the idea of outsiders taking attention
>away from them .So a change in the gradual demise of this newsgroup is
>going to continue
>until a core group fades away as it has done with many an old type ham
>that rejected the CB ers who were interested as outsiders the same as
>those who rattle morse code spark plugs who feel the same way towawds
>fellow hams who shy away from those who feel what they do is a true
>sign of intelligence. Walter, you really should join a group that
>research the
>different facets of antennas even tho it means swimming in a sea
>containing bigger fish as they will stay on the subject of antennas
>where their interests really lie. That is not the case for many that
>frequent this newsgroup. As with antennas you have to compromise on
>many things to achieve your desires what ever they may be..
>Regards
>Art

You're right, Art, sad, but true.

Walt

1117. Re: A chance to argue about something different

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 21:29:16 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <0pfij2tesrc8tegedai01ilcil0drvt8k1@4ax.com>
Source record: 50791

On 20 Oct 2006 13:30:41 -0700, "art" <aunwin@insightbb.com> wrote:

>Seems like the group is getting bogged down into sniping, here another
>chance
...
>This is contrary to the thinking of some pseudo experts on this
>newsgroup.

so it would seem.

1118. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 23:44:46 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <Obd_g.10060$Lv3.8396@newsread1.news.pas.earthlink.net>
Source record: 50792
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:

> There was recently a thread here on the subject of whether morse had
> saved any lives recently. Well it has in the UK!
>
> Have a look at
> http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
>
> "Torch used in Morse code rescue.
> Coastguards in Hampshire have rescued a sailor who used his torch to
> flash an SOS message in Morse code."
>
> Ian.

Boy, Lenny Anderson is going to be pissed. That's not the sort
of CW news he likes to hear. Lucky for the sailor there was
still someone out there that knew code.

SC

1119. I like being killfiled.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-20 23:44:49 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <Rbd_g.10062$Lv3.5939@newsread1.news.pas.earthlink.net>
Source record: 50793
Cross-posted to: rec.radio.swap,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

I actually prefer being killfiled, then I don't have to worry about
lazy asses, lids, and retards attacking my policy posts.

SC

1120. Re: A chance to argue about something different

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 00:21:27 UTC
From: Dave <noone@nowhere.com>
Message-ID: <G6idnVvWd_WR9aTYnZ2dnUVZ_tadnZ2d@crocker.com>
Source record: 50794

you contradict yourself, and don't understand the problem.... there, i said it.

"art" <aunwin@insightbb.com> wrote in message news:1161376241.351732.193630@f16g2000cwb.googlegroups.com...
>
> With a driven element you have two circular radiation patterns at each
> section.

no you don't. a single dipole element like a common driven element all by itself in free space has a doughnut shaped pattern in 3 dimensions. the typical cross section you see in an azmuth slice is only part of the story... but continue...

> Before you start to focus a beam for gain by adding parassitic elements
> you must first collect
> maximuml radiation to the desired direction.
> Soooooooooooo.....
> with these two circular patterns from the driven element you fold the
> pattern in the middle
> so that both patterns are in the same direction and the same shape i.e
> a circle that expands to a larger circle but holding on to a particular
> half power beam width which is an included angle.
> So when we start to add parassitics we are able to deal with this
> CIRCLE of radiation which then focusses by squeezing of the pattern
> since it cannot add to the initial pattern.

just how do you plan on doing this?? you can't take and just fold a field around???

> I think the above clearly shows that for recovering of radiation from
> the rear direction in any form must produce a radiation pattern to the
> front by retaining a circular pattern. Now I have achieved
> such a transformation of a driven element with a reflector to produce
> an initial circular pattern via computor analysis which agrees in my
> mind that rear radiation does nothing fto add to the forward radiation
> lobe.

but you said above that you would do this before adding parasitic elements. what do you think a 'reflector' is?? wait, i can answer that, its a parasitic element!

weather it agrees with your mind or not doesn't matter... it has to be physically realizable. so what is this magic configuration that gives 100% folding of the lobes over themselves?? and what happens in the 3rd dimension?

> Now we can ignore this posting since it is about antennas.

your first idea is the best, so i snipped the rest.

1121. no

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 00:30:47 UTC
From: Mark@kb9rqz.org
Message-ID: <0hqij2pe2svqh92ip5bn6pt8bj1j1sov2d@4ax.com>
Source record: 50795
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Fri, 20 Oct 2006 23:44:46 GMT, Slow Code <my.mail@no.spam> wrote:

>Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
>news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
>
>> There was recently a thread here on the subject of whether morse had
>> saved any lives recently. Well it has in the UK!
>>
>> Have a look at
>> http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
>>
>> "Torch used in Morse code rescue.
>> Coastguards in Hampshire have rescued a sailor who used his torch to
>> flash an SOS message in Morse code."
>>
>> Ian.
>
>
>Boy, Lenny Anderson is going to be pissed. That's not the sort
>of CW news he likes to hear. Lucky for the sailor there was
>still someone out there that knew code.
no CW involved SC you lose again
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1122. no

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 00:31:19 UTC
From: Mark@kb9rqz.org
Message-ID: <uhqij2hpq1esqglei92cgpcch959519ldk@4ax.com>
Source record: 50796
Cross-posted to: rec.radio.swap,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Fri, 20 Oct 2006 23:44:49 GMT, Slow Code <my.mail@no.spam> wrote:

>I actually prefer being killfiled, then I don't have to worry about
>lazy asses, lids, and retards attacking my policy posts.
>
you don't make policy posts you just trol and enageg in abusive
beahvoir
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1123. Re: A chance to argue about something different

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 01:05:53 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1161392753.018291.79980@e3g2000cwe.googlegroups.com>
Source record: 50797

Dave wrote:
> you contradict yourself, and don't understand the problem.... there, i said
> it.
>
> "art" <aunwin@insightbb.com> wrote in message
> news:1161376241.351732.193630@f16g2000cwb.googlegroups.com...
> >
> > With a driven element you have two circular radiation patterns at each
> > section.
>
> no you don't. a single dipole element like a common driven element all by
> itself in free space has a doughnut shaped pattern in 3 dimensions. the
> typical cross section you see in an azmuth slice is only part of the
> story... but continue...

Correct David,
I don't know who you are but you are quite correct in stating that the
question must revolve around an array in space. Now that clarity is
established hopefully the debate will remain professional without
sniping
Best regards
Art

SNIP

>

1124. Re: hello marqueer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 01:39:32 UTC
From: gav <show_na_to_gav@yahoo.com>
Message-ID: <1161394772.406099.70010@k70g2000cwa.googlegroups.com>
Source record: 50798
Cross-posted to: rec.radio.cb,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave,alt.usenet.kooks

Mark@kb9rqz.org wrote:
> On Fri, 20 Oct 2006 23:44:49 GMT, Slow Code <my.mail@no.spam> wrote:
>
> >I actually prefer being killfiled, then I don't have to worry about
> >lazy asses, lids, and retards attacking my policy posts.
> >
> you don't make policy posts you just trol and enageg in abusive
> beahvoir
> >SC
> http://kb9rqz.blogspot.com/
>
> --
> Posted via a free Usenet account from http://www.teranews.com

SC and Steve are almost the only people who post about policy.

You know marqueer, if you looked to k4yz as a role model that would be
your first step in getting the help you need.

1125. Re: I like being killfiled.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 01:46:24 UTC
From: Mark@kb9rqz.ars
Message-ID: <2vuij2lj714qr9je9mnjle4ij6dqarapk6@4ax.com>
Source record: 50800
Cross-posted to: rec.radio.swap,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Fri, 20 Oct 2006 21:41:05 -0500, "Not Lloyd" <anon@anon> wrote:

>
>"Slow Code" <my.mail@no.spam> wrote in message
>news:Rbd_g.10062$Lv3.5939@newsread1.news.pas.earthlink.net...
>I actually prefer being killfiled, then I don't have to worry about
>lazy asses, lids, and retards attacking my policy posts.
>
>SC
>
>Hmmm...where does that leave Mark, since I thought he was all three of the
>above? You ain't exactly number one on his list of friends, you know.
Sc is one of the few posters les consitant than you
>
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1126. id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 01:47:30 UTC
From: Mark@kb9rqz.ars
Message-ID: <q0vij21njqet1n1trjmnfoad4mtpo1v3ps@4ax.com>
Source record: 50801
Cross-posted to: rec.radio.cb,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On 20 Oct 2006 18:39:32 -0700, "gav" <show_na_to_gav@yahoo.com> wrote:

>
and you are a repeat offenders
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1127. Re: id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 02:00:35 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <7bf_g.175$GR2.50@tornado.texas.rr.com>
Source record: 50802
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

<Mark@kb9rqz.ars> wrote in message
news:q0vij21njqet1n1trjmnfoad4mtpo1v3ps@4ax.com...
> On 20 Oct 2006 18:39:32 -0700, "gav" <show_na_to_gav@yahoo.com> wrote:
>
>>
> and you are a repeat offenders
> http://kb9rqz.blogspot.com/
>
> --
> Posted via a free Usenet account from http://www.teranews.com
>

Troll

1128. Re: hello marqueer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 02:04:32 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <Qef_g.185$GR2.31@tornado.texas.rr.com>
Source record: 50803
Cross-posted to: alt.usenet.kooks,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

```
"gav" <show_na_to_gav@yahoo.com> wrote in message
news:1161394772.406099.70010@k70g2000cwa.googlegroups.com...
>
> Mark@kb9rqz.org wrote:
>> On Fri, 20 Oct 2006 23:44:49 GMT, Slow Code <my.mail@no.spam> wrote:
>>
>> >I actually prefer being killfiled, then I don't have to worry about
>> >lazy asses, lids, and retards attacking my policy posts.
>> >
>> you don't make policy posts you just trol and enageg in abusive
>> beahvoir
>> >SC
>> http://kb9rqz.blogspot.com/
>>
>> --
>> Posted via a free Usenet account from http://www.teranews.com
>
> SC and Steve are almost the only people who post about policy.
>
> You know marqueer, if you looked to k4yz as a role model that would be
> your first step in getting the help you need.
>

troll
```

1129. Re: id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 02:07:08 UTC
From: Mark@kb9rqz.ars
Message-ID: <q50jj2lqgrhpah8c2oad6rr2l1gmgckea2@4ax.com>
Source record: 50804
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Sat, 21 Oct 2006 02:00:35 GMT, "U-Know-Who" <no-one@nowhere.com>
wrote:

>
><Mark@kb9rqz.ars> wrote in message
>news:q0vij21njqet1n1trjmnfoad4mtpo1v3ps@4ax.com...
>> On 20 Oct 2006 18:39:32 -0700, "gav" <show_na_to_gav@yahoo.com> wrote:
>>
>>>
>> and you are a repeat offenders
>> http://kb9rqz.blogspot.com/
>>
>> --
>> Posted via a free Usenet account from http://www.teranews.com
>>
>
>Troll
you are trolling it seems tom but not me
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1130. id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 02:11:07 UTC
From: Mark@kb9rqz.ars
Message-ID: <vc0jj2l2037qjbigu57khkj0vus6l4lcbt@4ax.com>
Source record: 50805
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Sat, 21 Oct 2006 02:04:32 GMT, "U-Know-Who" <no-one@nowhere.com>
wrote:

>
>"gav" <show_na_to_gav@yahoo.com> wrote in message
>news:1161394772.406099.70010@k70g2000cwa.googlegroups.com...
>>
>> Mark@kb9rqz.org wrote:
>>> On Fri, 20 Oct 2006 23:44:49 GMT, Slow Code <my.mail@no.spam> wrote:
>>>
>>> >I actually prefer being killfiled, then I don't have to worry about
>>> >lazy asses, lids, and retards attacking my policy posts.
>>> >
>>> you don't make policy posts you just trol and enageg in abusive
>>> beahvoir
>>> >SC
>>> http://kb9rqz.blogspot.com/
>>>
>>> --
>>> Posted via a free Usenet account from http://www.teranews.com
>>
>> SC and Steve are almost the only people who post about policy.
>>
>> You know marqueer, if you looked to k4yz as a role model that would be
>> your first step in getting the help you need.
>>
>
>troll

you need to work on your people skills tom
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1131. Re: I like being killfiled.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 02:41:05 UTC
From: Not Lloyd <anon@anon>
Message-ID: <d8ja1.nk7.19.1@news.alt.net>
Source record: 50799
Cross-posted to: rec.radio.swap,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

"Slow Code" <my.mail@no.spam> wrote in message
news:Rbd_g.10062$Lv3.5939@newsread1.news.pas.earthlink.net...
I actually prefer being killfiled, then I don't have to worry about
lazy asses, lids, and retards attacking my policy posts.

SC

Hmmm...where does that leave Mark, since I thought he was all three of the
above? You ain't exactly number one on his list of friends, you know.

1132. Re: A chance to argue about something different

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 03:22:46 UTC
From: nm5k@wt.net
Message-ID: <1161400966.055295.39490@k70g2000cwa.googlegroups.com>
Source record: 50806

>art wrote:
>Now that clarity is
> established hopefully the debate will remain professional without
> sniping
> Best regards
> Art

Sniping is fun when done under the clinical supervision of a doktor.
They even have sniping services on the web now that will do the
sniping for you. But I've been a fairly successful sniper just using
the old fashioned manual method of waiting until about 3 seconds
before the auction ends, and firing away with my best shot.
I got a vintage fender super reverb amp for $400 using my sniping
techniques.
Check the usual pricing scheme for those... And mine was recapped
and "blackfaced"to boot.
I've been the victim of sniping myself. It can happen to anyone. I bid
on
some real estate in Arkansas a couple of weeks ago, and some other
sniper bit me in the heiney. But I keep a stiff upper lip through it
all,
and call it another day, another $2.41.. As far as your antenna, I
don't
have a clue. We had a quiver in the force recently, and I've forgotten
everything about antennas. I'm thinking about taking up barefoot water
skiing or something like that to fill my time.
MK

1133. Re: id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 04:17:28 UTC
From: pltrgyst <pltrgyst@spamlessxhost.org>
Message-ID: <ep7jj2p97phad9f0bcu0k3o6ui8rkb9bu3@4ax.com>
Source record: 50807
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.scanner

On Fri, 20 Oct 2006 11:48:22 -0400, Mark@kb9rqz.org wrote:

>On Fri, 20 Oct 2006 11:21:25 -0400, "Markie Morgan"
><kb9qrz@hummer.com> wrote:
>
>it is you know
>http://kb9rqz.blogspot.com/

As a ham since 1959, you've got to be the biggest asshole I've ever seen
sporting a call sign.

{plonk}

-- Larry

1134. Re: id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 04:30:12 UTC
From: Mark@kb9rqz.ars
Message-ID: <0i8jj2d51fm1tna9psgu1dskqmqh9p24p3@4ax.com>
Source record: 50808
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.scanner

```
On Sat, 21 Oct 2006 00:17:28 -0400, pltrgyst
<pltrgyst@spamlessxhost.org> wrote:

>On Fri, 20 Oct 2006 11:48:22 -0400, Mark@kb9rqz.org wrote:
>
>>On Fri, 20 Oct 2006 11:21:25 -0400, "Markie Morgan"
>><kb9qrz@hummer.com> wrote:
>>
>>it is you know
>>http://kb9rqz.blogspot.com/
>
>As a ham since 1959, you've got to be the biggest asshole I've ever seen
>sporting a call sign.
funny no call no ham

>
>{plonk}
>
>-- Larry
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com
```

1135. Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 04:46:39 UTC
From: Chris W <1qazse4@cox.net>
Message-ID: <QCh_g.36238$iA5.479@dukeread11>
Source record: 50809
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

I have been looking at the MFJ-1622 antenna. Part of the instructions
for antenna set up, which you can find here....
http://www.mfjenterprises.com/man/pdf/MFJ-1622.pdf
say to roll up about 30 feet of coax into a 12" diameter coil. This
they label as a choke. This just seems like a "duct tape" solution to
me. Is there a better way to accomplish the same thing? Would a few
ferrite beads on the coax do the trick or do I just have no idea what I
am talking about?

P.S. please check out my new Ham Radio Repeater Database web site.
http://hrrdb.com

--
Chris W
KE5GIX

"Protect your digital freedom and privacy, eliminate DRM,
learn more at http://www.defectivebydesign.org/what_is_drm"

Gift Giving Made Easy
Get the gifts you want &
give the gifts they want
One stop wish list for any gift,
from anywhere, for any occasion!
http://thewishzone.com

1136. Re: how to eliminate mechanical resonance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 05:02:30 UTC
From: Brian Kelly <kelly@dvol.com>
Message-ID: <1161406950.072777.326070@i42g2000cwa.googlegroups.com>
Source record: 50810

art wrote:
> Dan Andersson wrote:

> But David isn't that the object of the exercise? The object is to
> dampen the occillation such that metal fatigue does not take place You
> can remove or redirect the causes of occillations
> but energy cannot be created or destroyed. Recognising this some
> manufactures place rope inside the elements and it works even tho it
> costs the manufacturer. To change the surface
> of the object receiving these stress reversals only hurts what you are
> trying to achieve unless what you are adding delays the effect of
> stress. With foam insulation I only followed the path that is generally
> used except I also wanted to isolate the inside from environmental
> effects such winds from other directions as well as providing
> stiffness. The bottom line is to make the elements as aerodynamic as
> possible and dampen the occillation that are left. Making things less
> aerodynamic only serves to worsen things. Are you sure that these
> additions to chimneys is to dampen occillations as opposed to
> strengthening the structure?

Looks to me like you're overconcerned about fatique problems. Given a
2M antenna the elements would have to deflect +/- some large amount, an
inch or so, probably more before the bending stresses would exceed the
endurance limit of the types of aluminum alloys normally used to build
yagis. If the stresses are below the endurance limit the element can
deflect "forever" without suffering a fatigue failure.

Further the clue in the description of the original problem indicates
that the deflections are generating oscillations with frequencies in
the audio range. If you do a freebody diagram of the "system" you'll
find it's a rather classic spring-mass with excitation vibration
problem. If you crunch the numbers and calculate the resulting time
period on the basis of the mass of a half-element, the spring constant
of the element and the observed frequency of vibration I suspect you'll
find there's no way the element can deflect +/- fast enough to generate
stresses on the element as high as the endurance limit.

Stuff rope through the element and plug the ends with some heavy goop
to add a bit of inertia out where it'll do some good and call it a day.

> Cheers
> Art

Brian w3rv

1137. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 06:11:42 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12jjegslrjo2n20@corp.supernews.com>
Source record: 50811
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

Chris W wrote:
> I have been looking at the MFJ-1622 antenna. Part of the instructions
> for antenna set up, which you can find here....
> http://www.mfjenterprises.com/man/pdf/MFJ-1622.pdf
> say to roll up about 30 feet of coax into a 12" diameter coil. This
> they label as a choke. This just seems like a "duct tape" solution to
> me. Is there a better way to accomplish the same thing? Would a few
> ferrite beads on the coax do the trick or do I just have no idea what I
> am talking about?
>
> P.S. please check out my new Ham Radio Repeater Database web site.
> http://hrrdb.com
>
>
Chris;

Your best choke is about 30 feet of coax rolled up into a 12" coil.

This is not a duct tape solution but one that has been used for
decades. It is the cheapest and easiest choke you can use. Others are
better but not easier.

Dave WD9BDZ

1138. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 07:28:32 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <KPRb3KagwcOFFAvK@ifwtech.co.uk>
Source record: 50812
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

David G. Nagel wrote:
>Chris W wrote:
>> I have been looking at the MFJ-1622 antenna. Part of the
>>instructions for antenna set up, which you can find here....
>> http://www.mfjenterprises.com/man/pdf/MFJ-1622.pdf
>> say to roll up about 30 feet of coax into a 12" diameter coil. This
>>they label as a choke. This just seems like a "duct tape" solution to
>>me. Is there a better way to accomplish the same thing? Would a few
>>ferrite beads on the coax do the trick or do I just have no idea what
>>I am talking about?
>> P.S. please check out my new Ham Radio Repeater Database web site.
>>http://hrrdb.com
>>
>Chris;
>
>Your best choke is about 30 feet of coax rolled up into a 12" coil.
>
>This is not a duct tape solution but one that has been used for
>decades. It is the cheapest and easiest choke you can use. Others are
>better but not easier.

Agreed.

The coil only *looks* crude - especially if you actually do use duct tape. But looks can be deceptive.

With the right length of coax, number of turns and method of winding, such a simple coil resonates with its own self-capacitance and is unbeatable as a single-band choke. With about the same amount of care, a slightly different coil can be selected to give an adequate common-mode impedance across several bands. The design data has been in the ARRL Antenna Handbook for many years, and there's more data about solenoid-wound chokes on the web.

The really crude solution is to use just "a few ferrite beads" without giving any thought to which ferrite beads, or how many, or why.

--
73 from Ian GM3SEK 'In Practice' columnist for RadCom (RSGB)
http://www.ifwtech.co.uk/g3sek

1139. Re: A chance to argue about something different

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 07:40:01 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <niijj2tqktfq3e3gjo9l45cuis57c6cs1r@4ax.com>
Source record: 50813

On 20 Oct 2006 20:21:51 -0700, nm5k@wt.net wrote:

>Sniping is fun when done under the clinical supervision of a doktor.

Sti¿½pp azide Nurze. Ve must examine one particular symptom:

>"art" <aunwin@insightbb.com> wrote in message
>> Sooooooooooooo.....................

Interesting rhythmic -um- device which seems to counterpoint the
surrealism of the underlying metaphor... of the designer's
compassionate soul which strives through... through... the medium of
the i¿½ther's structure to sublimate this transaction and come to terms
with the fundamental dichotomy of the antenna. One is left with the
profound and vivid insight into... into... whatever it was about!

[This allusion is lifted from one of the greatest of English works of
Radio/TV/Literature/Computer Game/Movies: "Hi¿½Gi¿½." Others may
recognize Arthur Dent's appreciation for Vogon poetry which most of
Art's (not Dent) postings so amazingly mimic.]

1140. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 09:00:38 UTC
From: Ralph Mowery <rmowery28146@earthlink.net>
Message-ID: <Wkl_g.16852$UG4.13057@newsread2.news.pas.earthlink.net>
Source record: 50814
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

"David G. Nagel" <nagel@core.com> wrote in message
news:12jjegslrjo2n20@corp.supernews.com...
> Chris W wrote:
>> I have been looking at the MFJ-1622 antenna. Part of the instructions
>> for antenna set up, which you can find here....
>> http://www.mfjenterprises.com/man/pdf/MFJ-1622.pdf
>> say to roll up about 30 feet of coax into a 12" diameter coil. This they
>> label as a choke. This just seems like a "duct tape" solution to me. Is
>> there a better way to accomplish the same thing? Would a few ferrite
>> beads on the coax do the trick or do I just have no idea what I am
>> talking about?
>>
>> P.S. please check out my new Ham Radio Repeater Database web site.
>> http://hrrdb.com
>>
>>
> Chris;
>
> Your best choke is about 30 feet of coax rolled up into a 12" coil.
>
> This is not a duct tape solution but one that has been used for decades.
> It is the cheapest and easiest choke you can use. Others are better but
> not easier.
>
> Dave WD9BDZ

I agree that the coiled up coax is a good way to go. As far as cheapest ,
with the price of good rg-8 size coax the cost is now about the same as the
ready made chokes with the beads on them. If you factor in the cost of a
ready made center insulator for a dipole the cost could be more. Also 30
feet of coax can be another heavy weight to support.

1141. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 10:18:40 UTC
From: JIMMIE <JIMMIEDEE123@YAHOO.COM>
Message-ID: <1161425920.825865.62130@m7g2000cwm.googlegroups.com>
Source record: 50815
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Slow Code wrote:
> Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
> news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
>
> > There was recently a thread here on the subject of whether morse had
> > saved any lives recently. Well it has in the UK!
> >
> > Have a look at
> > http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
> >
> > "Torch used in Morse code rescue.
> > Coastguards in Hampshire have rescued a sailor who used his torch to
> > flash an SOS message in Morse code."
> >
> > Ian.
>
>
> Boy, Lenny Anderson is going to be pissed. That's not the sort
> of CW news he likes to hear. Lucky for the sailor there was
> still someone out there that knew code.
>
> SC

I guess this means if you were in the tower others would die because
you cant recongnise a flashing light on a boat as a distrress call
unless its in morse.

1142. Re: id theft is a crim

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 11:11:22 UTC
From: Mark@kb9rqz.net
Message-ID: <754gi2tmfvlort85pqfj3j4ufigl9htkj9@4ax.com>
Source record: 50816
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment

On Sat, 21 Oct 2006 00:17:28 -0400, pltrgyst <pltrgyst@spamlessxhost.org> wrote:
> X-Newsreader: Forte Agent 4.0/32.1071
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> X-Complaints-To: abuse@supernews.com
> Lines: 14

> As a ham since 1959, you've got to be the biggest asshole I've ever seen
> sporting a call sign.
>
> {plonk}
to bad since I haev rpeorted you abuse to supernews.com ashole.

http://kb9rqz.blogspot.com/

1143. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 11:52:31 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <3Sn_g.14732$GR.10030@newssvr29.news.prodigy.net>
Source record: 50817
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

Chris W wrote:
> I have been looking at the MFJ-1622 antenna. Part of the instructions
> for antenna set up, which you can find here....
> http://www.mfjenterprises.com/man/pdf/MFJ-1622.pdf
> say to roll up about 30 feet of coax into a 12" diameter coil. This
> they label as a choke. This just seems like a "duct tape" solution to
> me. Is there a better way to accomplish the same thing? Would a few
> ferrite beads on the coax do the trick or do I just have no idea what I
> am talking about?

I have an EXCEL calculator which indicates that particular coiled coax choke should have maximum effectiveness around ~8 MHz. So it probably does a reasonable job on 40m-20m. Unfortunately, it will reach 1/2WL self resonance somewhere around ~16 MHz and thus be essentially useless 17m-2m because of self-capacitance shorting out the choking impedance. Anyone who says a particular coiled coax choke will cover 40m-2m is mistaken. However, the stress on the choke is reduced because the MFJ antenna appears to be resonant, i.e. a low feedpoint impedance.

Here are some actual measurements.

http://www.k1ttt.net/technote/airbalun.html

In a nutshell, the coiled coax choke works well over a frequency range of 2:1 (conservative) or 3:1 (liberal). The beads in the above measurements work well over a frequency range of 4:1. It's hard to beat stacked ferrite toroids of differing materials as a foundation for an excellent all-HF-band 1:1 choke-balun. I know of no single balun that can cover 7 MHz to 148 MHz well. 1/2WL self-resonance defeats the choking action when trying to cover 4+ octaves.

I recently used an MFJ-259B to measure the choking impedance of 8 turns of RG-400 on a 5.35" form. The choking impedance dropped below 650 ohms at 4.63 MHz on the low end and 28.1 MHz on the high end. 650 ohms is not enough choking impedance for all-HF-band ladder-line fed dipoles. Assuming SWR ranging up to 18:1, which is the case for my all-HF-band 130 ft. dipole, the choke-balun may encounter as much as 8000 ohms looking into the Z0=450 ohm ladder-line.
--

73, Cecil http://www.w5dxp.com

1144. Re: how to eliminate mechanical resonance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 11:59:40 UTC
From: Dave <noone@nowhere.com>
Message-ID: <kuOdncnovagulqfYnZ2dnUVZ_sadnZ2d@crocker.com>
Source record: 50818

<francesco.messineo@gmail.com> wrote in message
news:1161161205.507822.144420@e3g2000cwe.googlegroups.com...
>
> Hi Gene,
>
>
>> francesco.messineo@gmail.com wrote:
>> > Hello all,
>> > I build one year ago an 8 element 50 MHz yagi. Boom is made with 50 mm
>> > square aluminum tubing with
>> > a second square tube on the center of the antenna to strenghten the
>> > boom. Elements are made with 20 mm
>> > round aluminum tube in electrical contact with the boom. The antenna is
>> > a good performer but it has one
>> > problem: it sounds even in light wind and vibrations come down the mast
>> > and are very annoying in the whole
>> > house. The worst problem is that resonance succeeded in unscrewing the
>> > rotor bolts. I'm going to use a
>> > special for bolts and screws but I'd like to find a method to avoid
>> > mechanical resonance of the antenna.
>> > Does anyone know a good method? Would it be better to add two insulated
>> > pulling wires at both ends of the boom (even if probably also elements
>> > produce udible resonance)?
>> > Thanks in advance
>> >
>> > Francesco IS0FKQ/I8
>> >
>>
>> Hi Francesco,
>>
>> You did not describe the vibrations, so this may be off base. If it is a
>> "sound", then perhaps the tubing is acting like a flute. Plugging the
>> ends of the open tubes would stop the sound. It may be necessary to
>> leave a small hole for drainage.
>
>
> The sound is low frequency, I'd say less than 100 Hz with amplitude
> modulation of 1-2 Hz probably
> due to boom vibration. I thought about flute effect but I think it
> would be an higher pitch in that
> case. I read many interesting suggestions though, I hope to be able to
> try some of them in the next
> week end.

those vibrations are quite common in 10m and 6m yagis where the elements are made of aluminum tubing. they are from the elements fluttering in the wind (usually just in light wind).

to put a few of the misconceptions to rest...
First this is not a 'wind over the bottle' or flute effect. those are much higher frequency and are easily stopped with caps on the ends of booms and elements. so forget the solutions about plugging the ends of elements and booms for this one.

This problem is caused by 2 properties of antennas about that size coming into phase with each other. the first is the vortex shedding around round objects like tubing or wire. this is an aerodynamics/fluid flow problem that is caused by air flowing around the tubing creating a low pressure area behind the tubing, this sets up two vortices behind the element. at a critical wind speed these vortices start to slip away from the element, and when they do they create an unbalanced force... i.e. if the top vortex sheds first the element gets pushed down, this often disrupts the flow causing the bottom one to shed which then pushes the element back up, which causes the top one to shed again, etc, etc, etc,... the effect alternately pushes the element up and down at a rate mostly determined by the wind speed. the cure for this is the spiral wrappings that you often see on chimneys and power lines. the spiral wrap is a way of breaking up the smooth flow around the object so that the vortices don't have a chance to form in the first place. they have nothing to do with strengthening the object, in fact they add to the wind load a bit, but the breaking up of the vortices is their main purpose.

This vortex shedding problem is there all the time on all types and sizes of antennas, but on most antennas it does not cause the damaging type of vibration you see on some of them. why is this??? as long as the shedding frequency is not close to the element's or boom's mechanical resonance there is no problem, the forces occur but they are out of step with the natural response of the element so the vibration can't build. however in 6m and 10m yagis with commonly used tubing the combination of tubing weight and stiffness happens to have a mechanical resonance about the same frequency as the vortex shedding frequency at low wind speeds around that size tubing... everything is wrong. to make it worse, the added motion from the mechanical resonance makes the vortex shedding worse since the element moves more, causing it to move even more, and eventually fatigue and break in extreme cases. note, that the combination of very stiff larger diameter tubing used in later design telrex yagis down to 15m and 20m also had this problem, i found this when i started picking up pieces of elements and eventually whole elements from the ground under the towers from this effect.

if you don't break up the vortices the other option is to change the resonant frequency. there are 2 ways to go, you can increase the frequency, which is very hard... to do that you have to make the element stiffer or lighter. you can't get much stiffer than the tubing being used without extreme measures, and likewise lighter is generally not an option. so the answer is heavier or less stiff. its easier to go heavier, just fill the element up with something heavy. This can also effect the 'stiffness' of

the element, if the weight you put in the tubing is free to move it acts like a floppy weight and reduces the effective stiffness of the element. this is the combination that led to putting rope into elements. a good heavy hunk of rope (this is not the time for polypropelene) smaller than the inside diameter of the tubing adds weight and flops around effectively absorbing the vibration before it gets going. this gets harder on small diameter tubing usually seen on 6m yagis... on those try either aircraft cable or the plastic coated wire clothes line, or even heavy guage insulated wire.

there are also other ways to stop vibrations like this. i have some 20m yagis now that have a long gap between the 1st and 2nd director, this gap was fluttering in certain winds so i snubbed it by adding a second boom brace rope in the middle of the section with just a little bit of tension to keep the boom from vibrating. electric utilities also use dumbell like spring devices that change the resonant frequency of large cables, these are often seen in pairs on either side of the insulators on towers in flat wind prone areas.

1145. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 12:00:00 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <4Zn_g.14735$GR.6137@newssvr29.news.prodigy.net>
Source record: 50820
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

David G. Nagel wrote:
> Your best choke is about 30 feet of coax rolled up into a 12" coil.

Seems to me, the best choke(s) would be two chokes, one designed
for 75m-15m and the other designed for 12m-2m. I cannot bring
myself to believe that a coiled up piece of coax could ever be
an effective choke over a 40:1 frequency range.
--
73, Cecil http://www.w5dxp.com

1146. FA: 1-Day-Left: CISCO AIR-ANT58G28SDA-N AIRONET 5.8 GHZ 28dbi DISH ANTENNA

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 12:00:01 UTC
From: George <george@jopsggao.com>
Message-ID: <211020060800018281%george@jopsggao.com>
Source record: 50819
Cross-posted to:
alt.marketplace.online.ebay,rec.radio.amateur.equipment,rec.radio.amateur.antenna,misc.industry.electronics.marketplace

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=320038667757

1147. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 12:12:58 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <e9o_g.14739$GR.12486@newssvr29.news.prodigy.net>
Source record: 50821
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

Ian White GM3SEK wrote:
> With the right length of coax, number of turns and method of winding,
> such a simple coil resonates with its own self-capacitance and is
> unbeatable as a single-band choke.

Unfortunately, at approximately double that single-band
frequency, the choke is 1/2WL self-resonant and essentially
useless. Someone on QRZ.com quoted the 2006 ARRL Handbook
as saying the following: "A flat coil (like a coil of rope)
shows a broad resonance that easily covers three octaves,
making it reasonably effective over the entire HF range."

Such a coil is certainly NOT "reasonably effective over
the entire HF range" when used on a typical ladder-line
fed all-HF-band dipole. With a 50 ohm 75m dipole, the
SWR on 450 ohm ladder-line will be 9:1. Worst case, the
choke will see 9*450 = 4050 ohms. An effective choke of
five times that value would be 20K ohms or about 850 uH
of inductance. What do you reckon would be the 1/2WL self-
resonant frequency of an 850 uH coil of coax?
--
73, Cecil http://www.w5dxp.com

1148. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 12:17:39 UTC
From: Dee Flint <deeflint01@comcast.net>
Message-ID: <4rKdnRFPAYtpkqfYnZ2dnUVZ_vmdnZ2d@comcast.com>
Source record: 50822
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"JIMMIE" <JIMMIEDEE123@YAHOO.COM> wrote in message
news:1161425920.825865.62130@m7g2000cwm.googlegroups.com...
>
> Slow Code wrote:
>> Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
>> news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
>>
>> > There was recently a thread here on the subject of whether morse had
>> > saved any lives recently. Well it has in the UK!
>> >
>> > Have a look at
>> > http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
>> >
>> > "Torch used in Morse code rescue.
>> > Coastguards in Hampshire have rescued a sailor who used his torch to
>> > flash an SOS message in Morse code."
>> >
>> > Ian.
>>
>>
>> Boy, Lenny Anderson is going to be pissed. That's not the sort
>> of CW news he likes to hear. Lucky for the sailor there was
>> still someone out there that knew code.
>>
>> SC
>
> I guess this means if you were in the tower others would die because
> you cant recongnise a flashing light on a boat as a distrress call
> unless its in morse.
>

Unless one does know the distress signal in Morse, why would anyone consider
that someone was signaling a problem. They could just as easily have
thought it was some kids goofing off.

Dee, N8UZE

1149. i punce in aigain

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 12:32:13 UTC
From: Morkie Morgan the Moron <kb9qrz@hummer.com>
Message-ID: <453a066c$0$19692$88260bb3@free.teranews.com>
Source record: 50823
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

ok I back four anoter tuff day on the news grupes it my job tis waht I do
so
bringit on you loosers

show-na-to-va (that is the greeting for this time of year as a JEW
rendered phonicticaly)
happy new years it means and it can be better one if Wismen Robson and
SC a few just decided to not to be as hateful

with the punce gotcha he wonders why I simple don't bother to ty
impoving my spelling do u hav anyting cognet two say?

http://www.marksspamblog.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1150. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 12:58:09 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <wbadnTWFA4H8hKfYnZ2dnUVZ_vadnZ2d@comcast.com>
Source record: 50824
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Not dropped here.

Even 9 year olds can learn the code.

Barry OGrady wrote:
> Not since it was dropped completly 3 years ago.
>
> Barry
> =====
> Home page
> http://members.iinet.net.au/~barry.og

1151. Re: A chance to argue about something different

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 13:22:07 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1161436927.711245.123520@f16g2000cwb.googlegroups.com>
Source record: 50825

Ummm, the OP is a sly fox....
First of all when you take the two "dipole circles" and fold it around
what you have is a feed line - instantaneous currents are 180 degrees
phase relation at any point - and no radiation...
Plus you have an open circuit at the far end which means - Reflections,
eh!

Taaa ... denny / k8do

1152. Re: sodomy is crime< no it si not but id theft is a cirme

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 14:15:51 UTC
From: Hojnacki <Gavrielah@genderbender.net>
Message-ID: <453a1eb7$0$19609$88260bb3@free.teranews.com>
Source record: 50726
Cross-posted to: rec.radio.cb,rec.radio.amateur.policy,rec.radio.amateur.antenna,alt.ham-radio.vhf-uhf

<Mark@kb9rqz.org> wrote in message
news:dm7ij21cms8ifmjmn839tlah2fpn7c6cfi@4ax.com...
> On 20 Oct 2006 11:10:39 -0700, show_na_to_gav@yahoo.com wrote:
>
>>
>
> and you therefore are a criminal
>
STFU HOMO!

--
Posted via a free Usenet account from http://www.teranews.com

1153. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 16:13:53 UTC
From: Mark@kb9rqz.ars
Message-ID: <fphkj2hrs3ov8hdap7oohi0br3j8mo7gql@4ax.com>
Source record: 50727
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sat, 21 Oct 2006 08:58:09 -0400, Dave <W1MCE@comcast.net> wrote:

>Not dropped here.
>
>Even 9 year olds can learn the code.
some can maening it is worhtless and unneeded for the rest
>
>Barry OGrady wrote:
>> Not since it was dropped completly 3 years ago.
>>
>> Barry
>> =====
>> Home page
>> http://members.iinet.net.au/~barry.og
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1154. id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 16:14:18 UTC
From: Mark@kb9rqz.ars
Message-ID: <6qhkj2lhjd0d7fsm0lmmjvjkhms5es335b@4ax.com>
Source record: 50728
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

On Sat, 21 Oct 2006 08:32:13 -0400, "Morkie Morgan the Moron"
<kb9qrz@hummer.com> wrote:

>

id theft is a crime
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1155. Re: sodomy is crime< no it si not but id theft is a cirme

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 16:16:15 UTC
From: Mark@kb9rqz.ars
Message-ID: <rthkj2t5tm37bhegc683pnl08r9svvtm7u@4ax.com>
Source record: 50729
Cross-posted to: rec.radio.cb,rec.radio.amateur.policy,rec.radio.amateur.antenna,alt.ham-radio.vhf-uhf

On Sat, 21 Oct 2006 10:15:51 -0400, "Hojnacki"
<Gavrielah@genderbender.net> wrote:
you are not gav
>
><Mark@kb9rqz.org> wrote in message
>news:dm7ij21cms8ifmjmn839tlah2fpn7c6cfi@4ax.com...
>> On 20 Oct 2006 11:10:39 -0700, show_na_to_gav@yahoo.com wrote:
>>
>>>
>>
>> and you therefore are a criminal
>>
>STFU HOMO!
no which is the point
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1156. Re: id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 16:21:37 UTC
From: Mark@kb9rqz.ars
Message-ID: <m7ikj2tnqkakf4cnp5scubmqp676sq0fap@4ax.com>
Source record: 50730
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment

```
On Sat, 21 Oct 2006 13:11:22 +0200 (CEST), Mark@kb9rqz.net
(Mark@kb9rqz.net) wrote:

>
>On Sat, 21 Oct 2006 00:17:28 -0400, pltrgyst <pltrgyst@spamlessxhost.org> wrote:
>> X-Newsreader: Forte Agent 4.0/32.1071
>> MIME-Version: 1.0
>> Content-Type: text/plain; charset=us-ascii
>> Content-Transfer-Encoding: 7bit
>> X-Complaints-To: abuse@supernews.com
>> Lines: 14
>
>> As a ham since 1959, you've got to be the biggest asshole I've ever seen
>> sporting a call sign.
>>
>> {plonk}
>to bad since I haev rpeorted you abuse to supernews.com ashole.
>
>http://kb9rqz.blogspot.com/
an interesting Forge since I have done nothing of the sort
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com
```

1157. Re: how to eliminate mechanical resonance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 16:30:49 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1161448249.113551.291460@m73g2000cwd.googlegroups.com>
Source record: 50731

Very interesting , why can't you post like this on other threads?

Now back to this post. I have never seen spiral windings on a chimney
and certainly would not put it on an antenna. Ice formation is the
worst enemy for any antenna and spiral windings increases the adhesion
of ice to an element. I will say it again that the best solution is to
make the surface as aero dynamic as possible and to reduce the adhesion
of ice which means no clamps on the element. One must also design
connections of element tubing such that added weight to the element
increases tension that is used to hold the element sections together
such as a telescopic type taper connection which helps regarding air
flow. Making the element lighter also helps because it allows for the
willow tree effect like bending in the wind instead of stiffness that
provide for occillation and fatigue failure.
Putting all these facts together and since I live in the Midwest known
for its wind and ice storms I decided a long while ago to change the
method of manufacture of elements which especially helps today as
aluminum costs go sky high.
First I chose a foundation design which was inexpensive, light,
and telescopic
The 20 feet telescopic fishing pole available for less than $10 on ebay
was the final choice
(I did not use the thin portion at the end) I then placed glass
reinforced tape along on one side to counteract distributed weight
sagging and then drilled small hole along that side
so that urathane foam could be squirted inside while at the same time
exuding air to
provide a long homogenous section of the closed cell type.
Now we get to the conductive surface addition.
Hardware stores sell sticky back aluminum tape for air sealing purposes
which bearing in mind that only material to allow for twice the skin
depth penetration is required is then placed length wise along the
element length thus overcoming joint resistance change and with a rub
down of the surface to remove air bubbles you have a radiating element
that is superior to the present state of the art.
One more point before closing, imagine a 20 pound block of ice hanging
on the end of the element, would the ice hang on to the clamp or
aluminum without breaking the element? If the same ice load was on a
non clamped form of element I just described would it slide off, bend
like it was holding a fish or..... immediately break?

One other point, these telescopic poles made in China appear to be
standardised and thus intechangeable also when home brewing you just
add or remove the added foil at the ends without messing with aluminum
section joints. I changed over to this design years ago when I

homebrewed a long boom yagi with 13 elements so my fold over tower
could handle lifting it
and to this day I use this method for making elements. I have mentioned
this before but I got a lot of hoots and cries from old timers who
object to change and fully expect a repeat of the cat calls.

When hiking just take the sections as is and assemble at site as for
short term closed cell foam is not really needed.
Hopefully some of the younger hams will be attracted to this approach
as the cost is way less than the $1000 required for a manufactured
antenna.
Cheers and beers
Art

and nothing li
Brian Kelly wrote:
> art wrote:
> > Dan Andersson wrote:
>
> > But David isn't that the object of the exercise? The object is to
> > dampen the occillation such that metal fatigue does not take place You
> > can remove or redirect the causes of occillations
> > but energy cannot be created or destroyed. Recognising this some
> > manufactures place rope inside the elements and it works even tho it
> > costs the manufacturer. To change the surface
> > of the object receiving these stress reversals only hurts what you are
> > trying to achieve unless what you are adding delays the effect of
> > stress. With foam insulation I only followed the path that is generally
> > used except I also wanted to isolate the inside from environmental
> > effects such winds from other directions as well as providing
> > stiffness. The bottom line is to make the elements as aerodynamic as
> > possible and dampen the occillation that are left. Making things less
> > aerodynamic only serves to worsen things. Are you sure that these
> > additions to chimneys is to dampen occillations as opposed to
> > strengthening the structure?
>
> Looks to me like you're overconcerned about fatique problems. Given a
> 2M antenna the elements would have to deflect +/- some large amount, an
> inch or so, probably more before the bending stresses would exceed the
> endurance limit of the types of aluminum alloys normally used to build
> yagis. If the stresses are below the endurance limit the element can
> deflect "forever" without suffering a fatigue failure.
>
> Further the clue in the description of the original problem indicates
> that the deflections are generating oscillations with frequencies in
> the audio range. If you do a freebody diagram of the "system" you'll
> find it's a rather classic spring-mass with excitation vibration
> problem. If you crunch the numbers and calculate the resulting time
> period on the basis of the mass of a half-element, the spring constant
> of the element and the observed frequency of vibration I suspect you'll
> find there's no way the element can deflect +/- fast enough to generate

> stresses on the element as high as the endurance limit.
>
> Stuff rope through the element and plug the ends with some heavy goop
> to add a bit of inertia out where it'll do some good and call it a day.
>
>
> > Cheers
> > Art
>
> Brian w3rv

1158. Re: Routing radio signals around objects

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 17:11:52 UTC
From: jawod <jawod@fuse.net>
Message-ID: <453A54D8.4040208@fuse.net>
Source record: 50732

consider
> the applications to amateur radio.
>
> http://www.breitbart.com/news/2006/10/20/061020170453.em0doxnf.html

First application that comes to mind is hiding that 40M SteppIR on your
roof.

Or, more fun, how about having your entire house disappear along with
your CW transmissions? Not exactly RFI but ...

1159. Re: A chance to argue about something different

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 17:30:52 UTC
From: jawod <jawod@fuse.net>
Message-ID: <453A594C.6050700@fuse.net>
Source record: 50733

> Interesting rhythmic -um- device which seems to counterpoint the
> surrealism of the underlying metaphor... of the designer's
> compassionate soul which strives through... through... the medium of
> the ï¿½ther's structure to sublimate this transaction and come to terms
> with the fundamental dichotomy of the antenna. One is left with the
> profound and vivid insight into... into... whatever it was about!
>
> [This allusion is lifted from one of the greatest of English works of
> Radio/TV/Literature/Computer Game/Movies: "Hï¿½Gï¿½." Others may
> recognize Arthur Dent's appreciation for Vogon poetry which most of
> Art's (not Dent) postings so amazingly mimic.]

Glad you added that last paragraph...thought I was reading a psychotic
break in real time.

1160. Re: Routing radio signals around objects

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 17:43:28 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <qbmkj29i9gi7k59ur4ke14bfg0v7ajcnc1@4ax.com>
Source record: 50734

On Sat, 21 Oct 2006 13:11:52 -0400, jawod <jawod@fuse.net> wrote:

> consider
>> the applications to amateur radio.
>>
>> http://www.breitbart.com/news/2006/10/20/061020170453.em0doxnf.html
>
>First application that comes to mind is hiding that 40M SteppIR on your
>roof.
>
>Or, more fun, how about having your entire house disappear along with
>your CW transmissions? Not exactly RFI but ...

Hi John,

The link above is rather facile in its reporting, but so are most of
the pages provided by Dr. Smith (there's something of "Lost in Space"
about them).

Anyway, the science behind this news is found at:
http://www.ee.duke.edu/~drsmith/neg_ref_home.htm
which relates to topics I've offered in this group in the past 3 or 4
years. It comes from the photonics of negative refraction abstracted
to RF.

Boeing Phantom Works, here, has already done the bulk of the work and
their devices are displayed at the pages above (without citation), are
better documented at:
http://www.boeing.com/news/frontiers/archive/2004/august/i_tt.html
and
http://ceta-p5.mit.edu/metamaterials/papers/external/2003/Greegor_apl_2003.pdf

The last is a real paper, not the fluff going around in the popular
press.

73's
Richard Clark, KB7QHC

1161. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 18:01:08 UTC
From: jawod <jawod@fuse.net>
Message-ID: <453A6064.5010009@fuse.net>
Source record: 50735
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

It's hard to beat stacked ferrite
> toroids of differing materials as a foundation for an
> excellent all-HF-band 1:1 choke-balun. I know of no
> single balun that can cover 7 MHz to 148 MHz well.
> 1/2WL self-resonance defeats the choking action when
> trying to cover 4+ octaves.
>

Can you direct me to more good information (as in NOT sales literature)
about ferrites and toroids as choke baluns?

The ARRL Handbook mentions the use of 1:1 baluns on p. 21.16
(Transmission Lines):
For 3.5 to 30 MHz, the recommended choke is 10 ft and 7 turns using
RG-8, 58, 59,8X and 213 (I don't think I've even heard of the last two)

W2DU has a 50 bead balun over RG-303.

As you may recall, I am using a homemade G5RV and I simply connected
RG-8 directly to the ladderline portion. I can see this connection
right out my window (2nd floor shack). I am unaware of any significant
problems as it is. Should I consider using one of these methods and
re-do my antenna?

Thanks for being one of the experts that doesn't talk down to the "rest
of us".

John
AB8O

1162. Re: how to eliminate mechanical resonance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 18:04:50 UTC
From: Brian Kelly <kelly@dvol.com>
Message-ID: <1161453890.044535.248780@m7g2000cwm.googlegroups.com>
Source record: 50736

art wrote:
> Very interesting , why can't you post like this on other threads?

What?? You're new around here aren't you? Run a search in this group on "w3rv"for the years 1995 thru 2005 inclusive then kindly reconsider your comment.

Any of my online food-fight posts which have shown up in this group recently were cross-posted from Rec.Radio.Amateur.Policy without my intent or knowledge. RRAP was founded to specifically debate the contentious code test issue and I've posted to it many times over the years often in a bit of a combative mode. Which is normal, expected practice in that particular group. Food-fights are *not* normal, expected practice in this group and as your search results will illustrate I *don't* indulge in them in this group.

The problem all the ham radio USENET groups is suffering involves the behavior of a few members of the "ham community" who have no respect at all for propriety and civilized behavior and they're destroying valuable resourses like this group. They obviously come from levels of society which the average ham would not like to have living anywhere near their neighborhoods. For lack of a better way to put it . . It's the same bunch which are turning the HF phone bands into embarrassments.

It's a shame but that's the way it is these days. The only ways out seem to be moderated reflectors and discussion groups. Sad.

Brian w3rv

1163. Re: how to eliminate mechanical resonance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 19:08:31 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1161457711.868748.208040@i42g2000cwa.googlegroups.com>
Source record: 50737

I don,t think that is all encompasing. During the last couple of days I have written two new postings regarding the academic side of antennas which is what I thought members wanted but that is not the case, read a few answers that I got which are very few. On the other side of the coin there are more members responding to non the antenna issues with slander
so as with any group the majority rules. Throwing mud is always more enjoyable in the absence of applicable logic, but then it is safer to say what Roy resorts to
"I don't understand "
The days that ham radio pursued the sciences are long gone and this antenna newsgroup
is a perfect example of that We have to recognise that simple fact and find a way to turn it around to our own advantage, or alternatively get a gun and play fire with fire.
As far as being a short time poster that is not true, Over the years I have seen more slanderous postings from the suedo experts of which there is still a few around
At one time such comments were thick and heavy even racial with respect to jews so many knowledgable hams left and were replaced by posters who enjoyed that sort of exchange.

Go to the archives and pick out a name that applies to a self percieved antenna expert bearing in mind that I am a learner and you will quickly come across the worst that you will ever see. As I said earlier some of those early combantants are still having a hayday.and more
silly logic is coming in from all sides to join them. Again count where the majority postings have headed in the last few days to gauge what antenna types really want.
I must exclude Walt from all others since no matter what politeness rules in all of his postings as well as applicable logic. Sometimes I have been driven to a lessor ind of response based on slander given.
Cheers
Art

Brian Kelly wrote:
> art wrote:
> > Very interesting , why can't you post like this on other threads?
>
> What?? You're new around here aren't you? Run a search in this group on
> "w3rv"for the years 1995 thru 2005 inclusive then kindly reconsider
> your comment.
>
> Any of my online food-fight posts which have shown up in this group
> recently were cross-posted from Rec.Radio.Amateur.Policy without my

> intent or knowledge. RRAP was founded to specifically debate the
> contentious code test issue and I've posted to it many times over the
> years often in a bit of a combative mode. Which is normal, expected
> practice in that particular group. Food-fights are *not* normal,
> expected practice in this group and as your search results will
> illustrate I *don't* indulge in them in this group.
>
> The problem all the ham radio USENET groups is suffering involves the
> behavior of a few members of the "ham community" who have no respect at
> all for propriety and civilized behavior and they're destroying
> valuable resourses like this group. They obviously come from levels of
> society which the average ham would not like to have living anywhere
> near their neighborhoods. For lack of a better way to put it . . It's
> the same bunch which are turning the HF phone bands into
> embarrassments.
>
> It's a shame but that's the way it is these days. The only ways out
> seem to be moderated reflectors and discussion groups. Sad.
>
> Brian w3rv

1164. Re: punce theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 19:36:44 UTC
From: an_old_friend <kb9rqz69@hotmail.com>
Message-ID: <1161459404.013805.10160@f16g2000cwb.googlegroups.com>
Source record: 50738
Cross-posted to: alt.usenet.kooks,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

Mark@kb9rqz.ars wrote:
> On Sat, 21 Oct 2006 08:32:13 -0400, "Morkie Morgan the Moron"
> <kb9qrz@hummer.com> wrote:
>
> >
>
> id theft is a crime
> http://kb9rqz.blogspot.com/
>
> --
> Posted via a free Usenet account from http://www.teranews.com

1165. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 20:28:34 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <KvGdnV7OPMtsH6fYnZ2dnUVZ_tWdnZ2d@comcast.com>
Source record: 50739
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Mark@kb9rqz.ars wrote:

> On Sat, 21 Oct 2006 08:58:09 -0400, Dave <W1MCE@comcast.net> wrote:
>
>
>>Not dropped here.
>>
>>Even 9 year olds can learn the code.
>
> some can maening it is worhtless and unneeded for the rest
>
>>Barry OGrady wrote:
>>
>>>Not since it was dropped completly 3 years ago.
>>>

"Worthless and Unneeded"? That was NOT the question!! Learn to answer the question! READ THE SUBJECT LINE.

No one asked whether it is useful, it absolutely is, the question is: is it "keeping good people out of ham radio?"

NOPE!!!

/s/ DD

1166. Re: Long boom Vs Stacked elements

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 20:42:23 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <k70lj21ql3f8vkonpgcudndcmn1t15skbc@4ax.com>
Source record: 50740

On 19 Oct 2006 12:51:11 -0700, "art" <aunwin@insightbb.com> wrote:

>I thought that I would compare my new antenna

Hi Art,

I've seen your recent lamentations with Brian (who you forgot to
apologize to for your comments) about the lack of technical comment.
To date, EVERY posting that you've made in several weeks has missed
100% of the following:
1. What frequency?
2. What design style?
3. What gain?
4. What f/b?
5. What f/s?
6. What feedpoint impedance?
7. What bandwidth?
8. What height?
9. What optimum launch angle?
10. How many elements?
11. What spacings?
12. What lengths?
13. What orientations?
14. What method of feed?
15. What forms of loading?

Issues 1,3,4,5,6,7,8,9,10,11,and 12 all require numeric responses.
Issues 2,13,14, and 15 demand ordinary mechanical descriptions of
conventional devices.

If the numbers and ordinary mechanical descriptions do not bear out
anything remarkable, you can be sure this will be a short thread. It's
that simple.

73's
Richard Clark, KB7QHC

1167. Re: Routing radio signals around objects

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 20:50:30 UTC
From: jawod <jawod@fuse.net>
Message-ID: <71bd2$453a887e$4831cf4b$16113@FUSE.NET>
Source record: 50741

Richard Clark wrote:
> On Sat, 21 Oct 2006 13:11:52 -0400, jawod <jawod@fuse.net> wrote:
>
>
>> consider
>>
>>>the applications to amateur radio.
>>>
>>>http://www.breitbart.com/news/2006/10/20/061020170453.em0doxnf.html
>>
>>First application that comes to mind is hiding that 40M SteppIR on your
>>roof.
>>
>>Or, more fun, how about having your entire house disappear along with
>>your CW transmissions? Not exactly RFI but ...
>
>
> Hi John,
>
> The link above is rather facile in its reporting, but so are most of
> the pages provided by Dr. Smith (there's something of "Lost in Space"
> about them).
>
> Anyway, the science behind this news is found at:
> http://www.ee.duke.edu/~drsmith/neg_ref_home.htm
> which relates to topics I've offered in this group in the past 3 or 4
> years. It comes from the photonics of negative refraction abstracted
> to RF.
>
> Boeing Phantom Works, here, has already done the bulk of the work and
> their devices are displayed at the pages above (without citation), are
> better documented at:
> http://www.boeing.com/news/frontiers/archive/2004/august/i_tt.html
> and
> http://ceta-p5.mit.edu/metamaterials/papers/external/2003/Greegor_apl_2003.pdf
>
> The last is a real paper, not the fluff going around in the popular
> press.
>
> 73's
> Richard Clark, KB7QHC
Richard,

Thanks so much for the links.

John
AB8O

1168. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 20:55:30 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <6Pv_g.14889$GR.11794@newssvr29.news.prodigy.net>
Source record: 50742
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

jawod wrote:
> As you may recall, I am using a homemade G5RV and I simply connected
> RG-8 directly to the ladderline portion. I can see this connection
> right out my window (2nd floor shack). I am unaware of any significant
> problems as it is. Should I consider using one of these methods and
> re-do my antenna?

Are you having problems with RF-in-the-shack? If not,
your feedline radiation may be doing you more good than
harm. I'm a purist. I install a very good balun/choke at
every BALanced to UNbalanced junction. Some people are
good and some people are lucky. If you have a current
maximum common-mode loop in the shack, you may not even
notice it. It's those voltage maximums that tend to bite.

> Thanks for being one of the experts that doesn't talk down to the "rest
> of us".

Heh-heh, I only talk down to the gurus for the purpose of
creating a crossed transactional analysis. :-)
--
73, Cecil http://www.w5dxp.com

1169. Re: SteppIR's new 40-30M dipole add-on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 21:42:31 UTC
From: K4ia <k4ia@verizon.net>
Message-ID: <bvw_g.61851$073.44457@trnddc01>
Source record: 50743

The Steppir looks more like linear loading of a dipole. Each side of the dipole bent back on itself to give the effect of the full length without the sides having to be 33 feet long.

The Moxon uses a driven element and a reflector - a 2 element system. The ends are not folded back but go at a 90 degree angle. A Moxon looks like a loop but the ends at the sides are separated by a calcuated distance.

We ran a 40 meter Moxon at Field Day and it was a very fine antenna.
--
K4ia
"Buck"
Fredericksburg, VA

1170. Re: Routing radio signals around objects

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 22:20:40 UTC
From: jawod <jawod@fuse.net>
Message-ID: <453A9D38.8070408@fuse.net>
Source record: 50744

Richard Clark wrote:
> On Sat, 21 Oct 2006 13:11:52 -0400, jawod <jawod@fuse.net> wrote:
>
>
>> consider
>>
>>>the applications to amateur radio.
>>>
>>>http://www.breitbart.com/news/2006/10/20/061020170453.em0doxnf.html
>>
>>First application that comes to mind is hiding that 40M SteppIR on your
>>roof.
>>
>>Or, more fun, how about having your entire house disappear along with
>>your CW transmissions? Not exactly RFI but ...
>
>
> Hi John,
>
> The link above is rather facile in its reporting, but so are most of
> the pages provided by Dr. Smith (there's something of "Lost in Space"
> about them).
>
> Anyway, the science behind this news is found at:
> http://www.ee.duke.edu/~drsmith/neg_ref_home.htm
> which relates to topics I've offered in this group in the past 3 or 4
> years. It comes from the photonics of negative refraction abstracted
> to RF.
>
> Boeing Phantom Works, here, has already done the bulk of the work and
> their devices are displayed at the pages above (without citation), are
> better documented at:
> http://www.boeing.com/news/frontiers/archive/2004/august/i_tt.html
> and
> http://ceta-p5.mit.edu/metamaterials/papers/external/2003/Greegor_apl_2003.pdf
>
> The last is a real paper, not the fluff going around in the popular
> press.
>
> 73's
> Richard Clark, KB7QHC

You know, I've always been puzzled by negative refraction. The basis of
positive refraction is that the speed of EMR (say light) decreases

within a given material. In negative refraction, the speed of light INCREASES?

I guess as long as it is less than the speed of light in a vacuum, no laws have been broken?

1171. Re: Routing radio signals around objects

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 23:02:34 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <fi9lj2l3ttgdt6tj2ke0c1dc3g31sb81cu@4ax.com>
Source record: 50745

On Sat, 21 Oct 2006 18:20:40 -0400, jawod <jawod@fuse.net> wrote:

>You know, I've always been puzzled by negative refraction. The basis of
>positive refraction is that the speed of EMR (say light) decreases
>within a given material. In negative refraction, the speed of light
>INCREASES?
>
>I guess as long as it is less than the speed of light in a vacuum, no
>laws have been broken?

Hi John,

My first reaction too.

However, when you look at the math, negative refraction is, well,
negative. What you describe (and I initially anticipated) is the
ratio of speed of light and the phase velocity being less than one.
Not the same thing being discussed here.

Another expression for negative refraction is "left-handed."

Anyway, more grist for you to review at:
http://physicsweb.org/articles/world/17/5/3

73's
Richard Clark, KB7QHC

1172. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 23:07:08 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <70OnJNscgqOFFAKT@ifwtech.co.uk>
Source record: 50748
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

Cecil Moore wrote:
>Ian White GM3SEK wrote:
>> With the right length of coax, number of turns and method of winding,
>>such a simple coil resonates with its own self-capacitance and is
>>unbeatable as a single-band choke.
>
Cecil makes several different points here.

>Unfortunately, at approximately double that single-band
>frequency, the choke is 1/2WL self-resonant and essentially
>useless.

It's a persistent ham myth that an RF choke has specially good properties when the total length of wire is a quarter-wavelength, and specially bad properties at twice that frequency. When the wire is wound into any kind of coil, neither of those claims is true (except maybe by some rare coincidence).

The choke acts essentially as a parallel-tuned circuit, with its inductance tuned by its own self-capacitance. There will be a series resonance at some higher frequency, but not at twice the parallel-resonant frequency (except, again, perhaps by a rare coincidence).

We don't have any performance data for the particular choke recommended by MFJ (and I'll return to that later) but the ARRL Antenna Book does have some measured data on two chokes, both made from 8 turns of RG213 wound into a coil of 6-5/8in diameter. The first choke is a bunched flat coil, and the second is a solenoid. I took the time to import the data (20th Edition, Table 3) into Excel and analyse it carefully.

The bunched choke has a sharp parallel resonance at about 6MHz, with a maximum |Z| value of about 8500 ohms (could be higher because the data are in 1MHz steps). The total winding length at this frequency is about 0.085 wavelengths - a very long way from a quarter-wave. At other frequencies up to about 30MHz, the choke behaves like a classic parallel-tuned circuit: the phase angle of Z is almost purely inductive (+90deg) below the resonant frequency, and almost purely capacitive (-90deg) above it.

There is NO series resonance at twice the parallel-resonant frequency - that would be about 12MHz, and nothing at all "special" is happening there. At 18MHz, where the total winding length is 0.25 wavelengths, there is a very small wobble in the data, but nothing more.

The series resonance, where the phase angle flips from negative to positive again, is at 31.5MHz, which is totally unrelated to any of the other frequencies above. The winding length is 0.5 wavelengths at 35MHz (where the data runs out) but again nothing "special" is happening there.

Thus there is no evidence whatever for the myth of the "resonant length of wire in a choke".

Turning now to the solenoid-wound choke, the different method of winding has increased the parallel resonance of the same length of cable from 6MHz to 9MHz. This is consistent with simple L-C behaviour, and with the solenoid having less distributed capacitance than the bunched winding.

Once again, this choke behaves almost entirely as a parallel-tuned circuit. There are slightly larger wobbles in the data at the frequencies where the total winding lengths are a quarter-wave and a half-wave, but these "transmission-line" effects are still very minor, and completely dominated by the simple L-C behaviour.

The other difference is that the solenoid-wound choke has a much higher parallel-resonant impedance - almost 16,000 ohms, compared with 8500 ohms for the bunched choke. Because of its higher resonant frequency, the solenoid choke would be useful (Z > 1000 ohms) from 7MHz up to at least 18MHz, covering at least four amateur bands, while the bunched choke would only hit 7MHz.

>Someone on QRZ.com quoted the 2006 ARRL Handbook
>as saying the following: "A flat coil (like a coil of rope)
>shows a broad resonance that easily covers three octaves,
>making it reasonably effective over the entire HF range."
>
That's in my 2005 ARRL Handbook also... but the claim of a "broad resonance" is not supported by the more detailed information in the ARRL Antenna Book. On the contrary, the parallel resonance is rather sharp. It would be fair to claim that a carefully proportioned coil balun with a resonance around 10-14MHz can have a usefully high impedance as low as 3.5MHz and as high as 30MHz... but the impedance won't be spectacular at either end of that range, almost certainly less than 500 ohms. So I'd agree that those claims need to be revisited.

>Such a coil is certainly NOT "reasonably effective over
>the entire HF range" when used on a typical ladder-line
>fed all-HF-band dipole. With a 50 ohm 75m dipole, the
>SWR on 450 ohm ladder-line will be 9:1. Worst case, the
>choke will see 9*450 = 4050 ohms. An effective choke of
>five times that value would be 20K ohms or about 850 uH
>of inductance.
>What do you reckon would be the 1/2WL self-
>resonant frequency of an 850 uH coil of coax?

As shown above, "1/2wl self resonance" ceases to be a valid concept once a length of wire is wound into a coil.... but I do see the point you're

getting at: such a large inductor would have too much self-capacitance to be workable solution. If you were absolutely determined to tackle this extreme problem head-on, the best choke balun would be one that exploits its self-capacitance to give a parallel resonance on the operating frequency. However, a far better solution to this problem would be to avoid the extreme impedance by changing the feedline length.

As for the choke recommended for the MFJ-1622, that comes out at 12 turns of 9in diameter, which seems to be aimed at that antenna's lowest operating bands. On the higher bands, the choke will be largely ineffective because it's too big.

For a more broadband solution based on coiled coax, I'd agree with Cecil's suggestion of cascading a large coil for the lower bands with a smaller coil optimized for the higher bands. It would also be possible to cascade a large coil with a small ferrite choke.

--
73 from Ian GM3SEK 'In Practice' columnist for RadCom (RSGB)
http://www.ifwtech.co.uk/g3sek

1173. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 23:09:48 UTC
From: **THE-RFI-EMI-GUY** <rhyolite@nettally.com>
Message-ID: <0Nx_g.3374$GN5.579@tornado.tampabay.rr.com>
Source record: 50746
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

No its double sideband. I do it for the kooks that are hung up on top or bottom posting!

Slow Code wrote:

>**THE-RFI-EMI-GUY** <rhyolite@nettally.com> wrote in
>news:42gZg.29116$YO.19085@tornado.tampabay.rr.com:
>
>
>
>>Amazing; A new ham is excited about getting his ticket and these clowns
>>get into his face about CW.
>>
>>Next we will hear more griping about the hobby dying. No wonder. Just
>>read these posts, who would want to be associated with such clowns. I am
>>always amazed these clowns are so familiar with CB model numbers etc.
>>
>>Slow Code wrote:
>>
>>
>>
>>>Papa Dog <papadogbg@yahoo.com> wrote in
>>>news:MPG.1f9b72ea52e3e77f989a42@news-server.carolina.rr.com:
>>>
>>>
>>>
>>>
>>>
>>>>Passed my Tech Exam today. Only missed one question.
>>>>
>>>>
>>>>
>>>>
>>>>
>>>No, You missed another ten questions, the CW questions, but since the
>>>Tech license is dumbed down you weren't tested on them.
>>>
>>>Don't know which HT to recommend, but a lot of No-codes like the
>>>Cobra 148GTL for HF.
>>>
>>>SC
>>>
>>>
>>>
>>>

>>Amazing; A new ham is excited about getting his ticket and these clowns
>>get into his face about CW.
>>
>>Next we will hear more griping about the hobby dying. No wonder. Just
>>read these posts, who would want to be associated with such clowns. I am
>>always amazed these clowns are so familiar with CB model numbers etc.
>>
>>
>
>
>
>WOW, Top and bottom posting, Are you bi like Markie?
>
>If ham radio dies it will be the dumbing down that killed it.
>
>SC
>
>
No its double sideband. I do it for the kooks that are hung up on top or
bottom posting!

--
Joe Leikhim K4SAT
"The RFI-EMI-GUY"ï¿½

"Treason doth never prosper: what's the reason?
For if it prosper, none dare call it treason."

"Follow The Money" ;-P

1174. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 23:17:57 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1161472677.122039.164600@e3g2000cwe.googlegroups.com>
Source record: 50747
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Slow Code wrote:
> Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
> news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
>
> > There was recently a thread here on the subject of whether morse had
> > saved any lives recently. Well it has in the UK!
> >
> > Have a look at
> > http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
> >
> > "Torch used in Morse code rescue.

> > Coastguards in Hampshire have rescued a sailor who used his torch to
> > flash an SOS message in Morse code."
> >
> > Ian.
>
> Boy, Lenny Anderson is going to be pissed. That's not the sort
> of CW news he likes to hear. Lucky for the sailor there was
> still someone out there that knew code.
>
> SC

Is it still Morse Code if the speed is measured in words per hour?

Imagine lighting and extinguishing a torch to send SOS. Bring your
lunch and fire extinguisher.

1175. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 23:32:53 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <F6y_g.10630$Lv3.6806@newsread1.news.pas.earthlink.net>
Source record: 50749
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"JIMMIE" <JIMMIEDEE123@YAHOO.COM> wrote in
news:1161425920.825865.62130@m7g2000cwm.googlegroups.com:

>
> Slow Code wrote:
>> Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
>> news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
>>
>> > There was recently a thread here on the subject of whether morse had
>> > saved any lives recently. Well it has in the UK!
>> >
>> > Have a look at
>> > http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
>> >
>> > "Torch used in Morse code rescue.
>> > Coastguards in Hampshire have rescued a sailor who used his torch to
>> > flash an SOS message in Morse code."
>> >
>> > Ian.
>>
>>
>> Boy, Lenny Anderson is going to be pissed. That's not the sort
>> of CW news he likes to hear. Lucky for the sailor there was
>> still someone out there that knew code.
>>
>> SC
>
> I guess this means if you were in the tower others would die because
> you cant recongnise a flashing light on a boat as a distrress call
> unless its in morse.

No, Only if you were in the boat.

SC

1176. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 23:32:54 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <G6y_g.10631$Lv3.10145@newsread1.news.pas.earthlink.net>
Source record: 50750
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

hot-ham-and-cheese@hotmail.com wrote in
news:1161472677.122039.164600@e3g2000cwe.googlegroups.com:

>
> Slow Code wrote:
>> Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
>> news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
>>
>> > There was recently a thread here on the subject of whether morse had
>> > saved any lives recently. Well it has in the UK!
>> >
>> > Have a look at
>> > http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
>> >
>> > "Torch used in Morse code rescue.
>
>> > Coastguards in Hampshire have rescued a sailor who used his torch to
>> > flash an SOS message in Morse code."
>> >
>> > Ian.
>>
>> Boy, Lenny Anderson is going to be pissed. That's not the sort
>> of CW news he likes to hear. Lucky for the sailor there was
>> still someone out there that knew code.
>>
>> SC
>
> Is it still Morse Code if the speed is measured in words per hour?
>
> Imagine lighting and extinguishing a torch to send SOS. Bring your
> lunch and fire extinguisher.

ROFL! What a dipshit.

In the UK, a flashlight is a torch. You're getting to be as bad as Mark
in the Dark. I knew if you two put your cards together you still wouldn't
be playing with a full deck.

SC

1177. Re: I like being killfiled.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 23:32:58 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <K6y_g.10634$Lv3.6151@newsread1.news.pas.earthlink.net>
Source record: 50751
Cross-posted to: rec.radio.swap,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

"Not Lloyd" <anon@anon> wrote in news:d8ja1.nk7.19.1@news.alt.net:

>
> "Slow Code" <my.mail@no.spam> wrote in message
> news:Rbd_g.10062$Lv3.5939@newsread1.news.pas.earthlink.net...
> I actually prefer being killfiled, then I don't have to worry about
> lazy asses, lids, and retards attacking my policy posts.
>
> SC
>
> Hmmm...where does that leave Mark, since I thought he was all three of
> the above? You ain't exactly number one on his list of friends, you
> know.

Markie is all three all right. His brain doesn't seem to be able to connect the dots. If KB9RQZ would KF all the people he hates, RRAP would be a policy group again instead of a Laugh-at-the-Retard forum.

I'm not against trying to help Markie, but Markie refuses to be helped. That's why from now on he's: "Mark in the Dark"

SC

1178. Re: id theft is a crim

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 23:32:59 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <L6y_g.10635$Lv3.8687@newsread1.news.pas.earthlink.net>
Source record: 50752
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment

Mark@kb9rqz.net (Mark@kb9rqz.net) wrote in
news:754gi2tmfvlort85pqfj3j4ufigl9htkj9@4ax.com:

>
> On Sat, 21 Oct 2006 00:17:28 -0400, pltrgyst
> <pltrgyst@spamlessxhost.org> wrote:
>> X-Newsreader: Forte Agent 4.0/32.1071
>> MIME-Version: 1.0
>> Content-Type: text/plain; charset=us-ascii
>> Content-Transfer-Encoding: 7bit
>> X-Complaints-To: abuse@supernews.com
>> Lines: 14
>
>> As a ham since 1959, you've got to be the biggest asshole I've ever
>> seen sporting a call sign.
>>
>> {plonk}
> to bad since I haev rpeorted you abuse to supernews.com ashole.

ROFL, Mark in the Dark

That's my new phrase for Markie: "Mark in the Dark"

We can overlook typo's now and then, but Mark butchers the
english language.

LEARN CW, LEARN TO SPELL Markie.

SC

1179. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 23:33:02 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <O6y_g.10637$Lv3.3061@newsread1.news.pas.earthlink.net>
Source record: 50753
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Mark in the Dark" wrote in
news:fphkj2hrs3ov8hdap7oohi0br3j8mo7gql@4ax.com:

> On Sat, 21 Oct 2006 08:58:09 -0400, Dave <W1MCE@comcast.net> wrote:
>
>>Not dropped here.
>>
>>Even 9 year olds can learn the code.
> some can maening it is worhtless and unneeded for the rest
>

Eliminating CW will let in more people like 'Mark in the Dark'. That
won't be good for the rest of us if we enjoy having good intelligent
QSO's.

SC

1180. Re: Is the no code license letting really stupid people in to ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 23:33:03 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <P6y_g.10638$Lv3.4775@newsread1.news.pas.earthlink.net>
Source record: 50754
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Mark@kb9rqz.ars wrote in news:fphkj2hrs3ov8hdap7oohi0br3j8mo7gql@4ax.com:

> On Sat, 21 Oct 2006 08:58:09 -0400, Dave <W1MCE@comcast.net> wrote:
>
>>Not dropped here.
>>
>>Even 9 year olds can learn the code.
> some can maening it is worhtless and unneeded for the rest
>>
>>Barry OGrady wrote:
>>> Not since it was dropped completly 3 years ago.
>>>
>>> Barry
>>> =====
>>> Home page
>>> http://members.iinet.net.au/~barry.og
> http://kb9rqz.blogspot.com/
>

It let Mark in the Dark in.

SC

1181. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 23:33:16 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <07y_g.10647$Lv3.6563@newsread1.news.pas.earthlink.net>
Source record: 50755
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

```
**THE-RFI-EMI-GUY** <rhyolite@nettally.com> wrote in
news:0Nx_g.3374$GN5.579@tornado.tampabay.rr.com:

> No its double sideband. I do it for the kooks that are hung up on top or
> bottom posting!
>
> Slow Code wrote:
>
>>**THE-RFI-EMI-GUY** <rhyolite@nettally.com> wrote in
>>news:42gZg.29116$YO.19085@tornado.tampabay.rr.com:
>>
>>
>>
>>>Amazing; A new ham is excited about getting his ticket and these clowns
>>>get into his face about CW.
>>>
>>>Next we will hear more griping about the hobby dying. No wonder. Just
>>>read these posts, who would want to be associated with such clowns. I
>>>am always amazed these clowns are so familiar with CB model numbers
>>>etc.
>>>
>>>Slow Code wrote:
>>>
>>>
>>>
>>>>Papa Dog <papadogbg@yahoo.com> wrote in
>>>>news:MPG.1f9b72ea52e3e77f989a42@news-server.carolina.rr.com:
>>>>
>>>>
>>>>
>>>>
>>>>
>>>>>Passed my Tech Exam today. Only missed one question.
>>>>>
>>>>>
>>>>>
>>>>>
>>>>>No, You missed another ten questions, the CW questions, but since the
>>>>Tech license is dumbed down you weren't tested on them.
>>>>
>>>>Don't know which HT to recommend, but a lot of No-codes like the
>>>>Cobra 148GTL for HF.
>>>>
```

>>>>SC
>>>>
>>>>
>>>>
>>>>
>>>Amazing; A new ham is excited about getting his ticket and these clowns
>>>get into his face about CW.
>>>
>>>Next we will hear more griping about the hobby dying. No wonder. Just
>>>read these posts, who would want to be associated with such clowns. I
>>>am always amazed these clowns are so familiar with CB model numbers
>>>etc.
>>>
>>>
>>
>>
>>
>>WOW, Top and bottom posting, Are you bi like Markie?
>>
>>If ham radio dies it will be the dumbing down that killed it.
>>
>>SC
>>
>>
> No its double sideband. I do it for the kooks that are hung up on top or
> bottom posting!

So you do swing both ways then.

Say hi to Woger for me.

SC

1182. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 23:34:03 UTC
From: N2EY@AOL.COM
Message-ID: <1161473643.649186.233860@b28g2000cwb.googlegroups.com>
Source record: 50756
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

hot-ham-and-cheese@hotmail.com wrote:
> Slow Code wrote:
> > Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
> > news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
> >
> > > There was recently a thread here on the subject of whether morse had
> > > saved any lives recently. Well it has in the UK!
> > >
> > > Have a look at
> > > http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
> > >
> > > "Torch used in Morse code rescue.
>
> > > Coastguards in Hampshire have rescued a sailor who used his torch to
> > > flash an SOS message in Morse code."
> > >
> > > Ian.
> >
> > Boy, Lenny Anderson is going to be pissed. That's not the sort
> > of CW news he likes to hear. Lucky for the sailor there was
> > still someone out there that knew code.
> >
> > SC
>
> Is it still Morse Code if the speed is measured in words per hour?
>
> Imagine lighting and extinguishing a torch to send SOS.

In the UK, one of the common meanings of "torch" is what Americans call
a "flashlight".

> Bring your
> lunch and fire extinguisher.

This may explain your confusion:

Story:

http://www.local6.com/education/10097181/detail.html

Rankings:

http://www.local6.com/education/10097048/detail.html

PA: 10th
MN: 13th

TN: 30th
OH: 34th
CA: 47th

1183. Re: Routing radio signals around objects

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 23:39:48 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <C0YppUuE$qOFFAtE@ifwtech.co.uk>
Source record: 50757

Richard Clark wrote:
>On Sat, 21 Oct 2006 18:20:40 -0400, jawod <jawod@fuse.net> wrote:
>
>>You know, I've always been puzzled by negative refraction. The basis of
>>positive refraction is that the speed of EMR (say light) decreases
>>within a given material. In negative refraction, the speed of light
>>INCREASES?
>>
>>I guess as long as it is less than the speed of light in a vacuum, no
>>laws have been broken?
>
>Hi John,
>
>My first reaction too.
>
>However, when you look at the math, negative refraction is, well,
>negative. What you describe (and I initially anticipated) is the
>ratio of speed of light and the phase velocity being less than one.
>Not the same thing being discussed here.
>
>Another expression for negative refraction is "left-handed."
>
>Anyway, more grist for you to review at:
>http://physicsweb.org/articles/world/17/5/3

Following Richard's informative links, there is a page on the Duke site
which answers the "velocity of light" question:
http://www.ee.duke.edu/~drsmith/negative_index_about.htm

Near the end, it points out the difference between the phase velocity -
which is what we usually mean by "the velocity" of light - and the group
(or energy) velocity. It's only the latter that is made negative, but
the transport of energy is still in the forward direction.

--
73 from Ian GM3SEK 'In Practice' columnist for RadCom (RSGB)
http://www.ifwtech.co.uk/g3sek

1184. Re: Routing radio signals around objects

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 23:40:46 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12jlc028bte22d5@corp.supernews.com>
Source record: 50758

jawod wrote:

> You know, I've always been puzzled by negative refraction. The basis of
> positive refraction is that the speed of EMR (say light) decreases
> within a given material. In negative refraction, the speed of light
> INCREASES?
>
> I guess as long as it is less than the speed of light in a vacuum, no
> laws have been broken?

I know very little about optics, but the velocity factor of EM waves in hollow waveguide is always greater than one, that is, the phase velocity is always greater than the speed of light. In fact, it increases as the frequency lowers, approaching infinity at the cutoff frequency.

What prevents it from breaking any laws is that the group velocity, which is the speed at which any change or information can be sent, is always less than the speed of light.

I suspect that negative refraction is related to this, but will leave it to the optics experts to say for sure.

Roy Lewallen, W7EL

1185. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-21 23:43:15 UTC
From: sailtamarack@yahoo.ca
Message-ID: <1161474195.437549.104820@h48g2000cwc.googlegroups.com>
Source record: 50759
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

jawod wrote:
> Can you direct me to more good information (as in NOT sales literature)
> about ferrites and toroids as choke baluns?
>
>

Here are some actual measurements of coax and ferrite chokes. Tests
done with a Hewlett-Packard 4193A vector impedance meter.

http://www.k1ttt.net/technote/airbalun.html

1186. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 00:30:22 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1161477022.496618.45360@m73g2000cwd.googlegroups.com>
Source record: 50760
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Slow Code wrote:
> hot-ham-and-cheese@hotmail.com wrote in
> news:1161472677.122039.164600@e3g2000cwe.googlegroups.com:
>
> >
> > Slow Code wrote:
> >> Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
> >> news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
> >>
> >> > There was recently a thread here on the subject of whether morse had
> >> > saved any lives recently. Well it has in the UK!
> >> >
> >> > Have a look at
> >> > http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
> >> >
> >> > "Torch used in Morse code rescue.
> >
> >> > Coastguards in Hampshire have rescued a sailor who used his torch to
> >> > flash an SOS message in Morse code."
> >> >
> >> > Ian.
> >>
> >> Boy, Lenny Anderson is going to be pissed. That's not the sort
> >> of CW news he likes to hear. Lucky for the sailor there was
> >> still someone out there that knew code.
> >>
> >> SC
> >
> > Is it still Morse Code if the speed is measured in words per hour?
> >
> > Imagine lighting and extinguishing a torch to send SOS. Bring your
> > lunch and fire extinguisher.
>
> ROFL! What a dipshit.
>
> In the UK, a flashlight is a torch.

Must be a plastic one. My aluminum maglight won't catch fire unless
you jack it up in a 225 amp lincoln stick welder.

1187. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 00:37:01 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1161477421.402301.137240@i42g2000cwa.googlegroups.com>
Source record: 50761
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

N2EY@AOL.COM wrote:
> hot-ham-and-cheese@hotmail.com wrote:
> > Slow Code wrote:
> > > Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
> > > news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
> > >
> > > > There was recently a thread here on the subject of whether morse had
> > > > saved any lives recently. Well it has in the UK!
> > > >
> > > > Have a look at
> > > > http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
> > > >
> > > > "Torch used in Morse code rescue.
> > >
> > > > Coastguards in Hampshire have rescued a sailor who used his torch to
> > > > flash an SOS message in Morse code."
> > > >
> > > > Ian.
> > >
> > > Boy, Lenny Anderson is going to be pissed. That's not the sort
> > > of CW news he likes to hear. Lucky for the sailor there was
> > > still someone out there that knew code.
> > >
> > > SC
> >
> > Is it still Morse Code if the speed is measured in words per hour?
> >
> > Imagine lighting and extinguishing a torch to send SOS.
>
> In the UK, one of the common meanings of "torch" is what Americans call
> a "flashlight".

I guess that's the difference between Homo Sapiens and Neanderthals.

> > Bring your
> > lunch and fire extinguisher.
>
> This may explain your confusion:

I happen to know the difference between flashlights and torches.
Cavemen carry torches.

1188. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 01:51:33 UTC
From: Mark@kb9rqz.ars
Message-ID: <ekjlj2p8ksv5he6g32bp2a0bvff6t8ov6i@4ax.com>
Source record: 50762
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sat, 21 Oct 2006 16:28:34 -0400, Dave <W1MCE@comcast.net> wrote:

>Mark@kb9rqz.ars wrote:
>
>> On Sat, 21 Oct 2006 08:58:09 -0400, Dave <W1MCE@comcast.net> wrote:
>>
>>
>>>Not dropped here.
>>>
>>>Even 9 year olds can learn the code.
>>
>> some can maening it is worhtless and unneeded for the rest
>>
>>>Barry OGrady wrote:
>>>
>>>>Not since it was dropped completly 3 years ago.
>>>>
>>
>"Worthless and Unneeded"? That was NOT the question!! Learn to answer the
>question! READ THE SUBJECT LINE.

I did read it indeed the coment was unrelated to the title
>
>No one asked whether it is useful, it absolutely is, the question is: is it
>"keeping good people out of ham radio?"
>
>NOPE!!!
>
>/s/ DD
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1189. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 01:56:19 UTC
From: Mark@kb9rqz.ars
Message-ID: <mtjlj2tpan3qj3bslp3slqd49nm6jaut0p@4ax.com>
Source record: 50763
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Sat, 21 Oct 2006 23:33:16 GMT, Slow Code <my.mail@no.spam> wrote:

>**THE-RFI-EMI-GUY** <rhyolite@nettally.com> wrote in
>news:0Nx_g.3374$GN5.579@tornado.tampabay.rr.com:
>
>> No its double sideband. I do it for the kooks that are hung up on top or
>> bottom posting!
>>
>> Slow Code wrote:
>>
>>>**THE-RFI-EMI-GUY** <rhyolite@nettally.com> wrote in
>>>news:42gZg.29116$YO.19085@tornado.tampabay.rr.com:
>>>
>>>
>>>
>>>>Amazing; A new ham is excited about getting his ticket and these clowns
>>>>get into his face about CW.
>>>>
>>>>Next we will hear more griping about the hobby dying. No wonder. Just
>>>>read these posts, who would want to be associated with such clowns. I
>>>>am always amazed these clowns are so familiar with CB model numbers
>>>>etc.
>>>>
>>>>Slow Code wrote:
>>>>
>>>>
>>>>
>>>>>Papa Dog <papadogbg@yahoo.com> wrote in
>>>>>news:MPG.1f9b72ea52e3e77f989a42@news-server.carolina.rr.com:
>>>>>
>>>>>
>>>>>
>>>>>
>>>>>
>>>>>>Passed my Tech Exam today. Only missed one question.
>>>>>>
>>>>>>
>>>>>>
>>>>>>
>>>>>>No, You missed another ten questions, the CW questions, but since the
>>>>>Tech license is dumbed down you weren't tested on them.
>>>>>
>>>>>Don't know which HT to recommend, but a lot of No-codes like the

>>>>>Cobra 148GTL for HF.
>>>>>
>>>>>SC
>>>>>
>>>>>
>>>>>
>>>>>
>>>>Amazing; A new ham is excited about getting his ticket and these clowns
>>>>get into his face about CW.
>>>>
>>>>Next we will hear more griping about the hobby dying. No wonder. Just
>>>>read these posts, who would want to be associated with such clowns. I
>>>>am always amazed these clowns are so familiar with CB model numbers
>>>>etc.
>>>>
>>>>
>>>
>>>
>>>
>>>WOW, Top and bottom posting, Are you bi like Markie?
>>>
>>>If ham radio dies it will be the dumbing down that killed it.
>>>
>>>SC
>>>
>>>
>> No its double sideband. I do it for the kooks that are hung up on top or
>> bottom posting!
>
>
>So you do swing both ways then.
get hellp hate hating sicko
>
>Say hi to Woger for me.
>
>SC
http://kb9rqz.blogspot.com/

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Posted via a free Usenet account from http://www.teranews.com

1190. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 02:00:18 UTC
From: Mark@kb9rqz.ars
Message-ID: <m4klj255dcsvumpervqplgerh2784ps5df@4ax.com>
Source record: 50764
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Sat, 21 Oct 2006 23:32:53 GMT, Slow Code <my.mail@no.spam> wrote:

>"JIMMIE" <JIMMIEDEE123@YAHOO.COM> wrote in
>news:1161425920.825865.62130@m7g2000cwm.googlegroups.com:
>
>>
>> Slow Code wrote:
>>> Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
>>> news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
>>>
>>> > There was recently a thread here on the subject of whether morse had
>>> > saved any lives recently. Well it has in the UK!
>>> >
>>> > Have a look at
>>> > http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
>>> >
>>> > "Torch used in Morse code rescue.
>>> > Coastguards in Hampshire have rescued a sailor who used his torch to
>>> > flash an SOS message in Morse code."
>>> >
>>> > Ian.
>>>
>>>
>>> Boy, Lenny Anderson is going to be pissed. That's not the sort
>>> of CW news he likes to hear. Lucky for the sailor there was
>>> still someone out there that knew code.
>>>
>>> SC
>>
>> I guess this means if you were in the tower others would die because
>> you cant recongnise a flashing light on a boat as a distrress call
>> unless its in morse.
>
>
>No, Only if you were in the boat.
meaning you are sick human being

clean up ham radio sc trun in your license
>
>SC
http://kb9rqz.blogspot.com/

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Posted via a free Usenet account from http://www.teranews.com

1191. Re: I like being killfiled.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 02:01:43 UTC
From: Mark@kb9rqz.ars
Message-ID: <r6klj29f6e8send0s17plbrfo4cglsc0f6@4ax.com>
Source record: 50766
Cross-posted to: rec.radio.swap,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Sat, 21 Oct 2006 23:32:58 GMT, Slow Code <my.mail@no.spam> wrote:

>"Not Lloyd" <anon@anon> wrote in news:d8ja1.nk7.19.1@news.alt.net:
>
>>
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:Rbd_g.10062$Lv3.5939@newsread1.news.pas.earthlink.net...
>> I actually prefer being killfiled, then I don't have to worry about
>> lazy asses, lids, and retards attacking my policy posts.
>>
>> SC
>>
>> Hmmm...where does that leave Mark, since I thought he was all three of
>> the above? You ain't exactly number one on his list of friends, you
>> know.
>
>
>Markie is all three all right. His brain doesn't seem to be able to
>connect the dots. If KB9RQZ would KF all the people he hates, RRAP would
>be a policy group again instead of a Laugh-at-the-Retard forum.

If I kill filed those I hated no one would be killfiled

http://kb9rqz.blogspot.com/

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Posted via a free Usenet account from http://www.teranews.com

1192. id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 02:04:48 UTC
From: Mark@kb9rqz.ars
Message-ID: <qcklj2pb6klj63v17p8ui54d4k12s6q9gs@4ax.com>
Source record: 50767
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment

On Sat, 21 Oct 2006 23:32:59 GMT, Slow Code <my.mail@no.spam> wrote:

>Mark@kb9rqz.net (Mark@kb9rqz.net) wrote in
>news:754gi2tmfvlort85pqfj3j4ufigl9htkj9@4ax.com:
>
>>
>> On Sat, 21 Oct 2006 00:17:28 -0400, pltrgyst
>> <pltrgyst@spamlessxhost.org> wrote:
>>> X-Newsreader: Forte Agent 4.0/32.1071
>>> MIME-Version: 1.0
>>> Content-Type: text/plain; charset=us-ascii
>>> Content-Transfer-Encoding: 7bit
>>> X-Complaints-To: abuse@supernews.com
>>> Lines: 14
>>
>>> As a ham since 1959, you've got to be the biggest asshole I've ever
>>> seen sporting a call sign.
>>>
>>> {plonk}
>> to bad since I haev rpeorted you abuse to supernews.com ashole.
>
>
>
>ROFL, Mark in the Dark
>
>That's my new phrase for Markie: "Mark in the Dark"
>
>We can overlook typo's now and then, but Mark butchers the
>english language.
I did not write the post you are repling to
http://kb9rqz.blogspot.com/

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Posted via a free Usenet account from http://www.teranews.com

1193. id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 02:10:21 UTC
From: Mark@kb9rqz.ars
Message-ID: <tnklj29qt2i44phcltj1f3inpsuvsfadjk@4ax.com>
Source record: 50768
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

On 21 Oct 2006 12:36:44 -0700, "an_old_friend" <kb9rqz69@hotmail.com>
wrote:

>
id theft is a crime
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1194. Re: Is the no code license letting really stupid people in to ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 02:11:50 UTC
From: Mark@kb9rqz.ars
Message-ID: <nqklj2dejckfb12tdhc13lm9s3srk1imqf@4ax.com>
Source record: 50769
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sat, 21 Oct 2006 23:33:03 GMT, Slow Code <my.mail@no.spam> wrote:

>Mark@kb9rqz.ars wrote in news:fphkj2hrs3ov8hdap7oohi0br3j8mo7gql@4ax.com:
>
>> On Sat, 21 Oct 2006 08:58:09 -0400, Dave <W1MCE@comcast.net> wrote:
>>
>>>Not dropped here.
>>>
>>>Even 9 year olds can learn the code.
>> some can maening it is worhtless and unneeded for the rest
>>>
>>>Barry OGrady wrote:
>>>> Not since it was dropped completly 3 years ago.
>>>>
>>>> Barry
>>>> =====
>>>> Home page
>>>> http://members.iinet.net.au/~barry.og
>> http://kb9rqz.blogspot.com/
>>
>
>
>
>It let Mark in the Dark in.
so Mark is former member of Mensa
>
>SC
http://kb9rqz.blogspot.com/

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Posted via a free Usenet account from http://www.teranews.com

1195. Re: I like being killfiled.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 02:18:02 UTC
From: Mark@kb9rqz.ars
Message-ID: <l2llj2d39er44nqcslm8fb0mmoo33vg7sh@4ax.com>
Source record: 50770
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Sat, 21 Oct 2006 22:02:42 -0500, "Goonie Bird" <anon@anon> wrote:

>
>"Slow Code" <my.mail@no.spam> wrote in message
>news:K6y_g.10634$Lv3.6151@newsread1.news.pas.earthlink.net...
>"Not Lloyd" <anon@anon> wrote in news:d8ja1.nk7.19.1@news.alt.net:

>The problem with this is that Mark In The Dark doesn't feel he needs help.
got that much right
>In his jumbled mind he is just "defending" his honor. Makes no difference
>that HE started most of the angst to begin with, does it?
nope I did not Robeson did years agoo with threats to uurder me
> That simply does
>not compute in his dyslexic brain. Mark In The Dark doesn't feel that
>eighty, ninety, or a hundred posts a day is spam.
no I don't becuase simply number is not the deciding factor if it were
you folks would be Robeson a spammer and you aren't

indeed steve you are just ibessed with trying to selince those voices
you dislike

you can't do it
>I wonder if he abused drugs when he was a kid?
>
http://kb9rqz.blogspot.com/

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Posted via a free Usenet account from http://www.teranews.com

1196. Re: Long boom Vs Stacked elements

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 02:44:50 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1161485090.344089.80390@m7g2000cwm.googlegroups.com>
Source record: 50771

Richard
You decided to leave school for the Navy so that you can meet a man in every port,
where as I chose the education route. Your desires are definately different to mine as I am happily married to nice lady and seek education.
You look after your own business while I attend to mine and I will ignore the message you send out when you are wearing those tight black shakesperian tights even tho you are lacking the balls in declaring what you are actually looking for l You are bald, lonely, and a forlorn dismal pathetic individual, a former pretty/petty officer.without a mate, Find yourself another avocation like roaming the side streets lin another district looking for what you call action, San Fransisco comes to mind from what I hear, try throwing mud around there.
More continued below

Richard Clark wrote:
> On 19 Oct 2006 12:51:11 -0700, "art" <aunwin@insightbb.com> wrote:
>
> >I thought that I would compare my new antenna
>
> Hi Art,
>
> I've seen your recent lamentations with Brian (who you forgot to
> apologize to for your comments) about the lack of technical comment.
> To date, EVERY posting that you've made in several weeks has missed
> 100% of the following:
> 1. What frequency?
> 2. What design style?
> 3. What gain?
> 4. What f/b?
> 5. What f/s?
> 6. What feedpoint impedance?
> 7. What bandwidth?
> 8. What height?
> 9. What optimum launch angle?
> 10. How many elements?
> 11. What spacings?
> 12. What lengths?
> 13. What orientations?
> 14. What method of feed?
> 15. What forms of loading?
>

> Issues 1,3,4,5,6,7,8,9,10,11,and 12 all require numeric responses.
> Issues 2,13,14, and 15 demand ordinary mechanical descriptions of
> conventional devices.
>
> If the numbers and ordinary mechanical descriptions do not bear out
> anything remarkable, you can be sure this will be a short thread. It's
> that simple.

Now to the above sniping comments. Go back to the beginning of those threads and read the first or initial posting which you haven't done as yet and neither did Roy Llewellen,None of the above is relevant to those initial postings. What you did was to wait for other posters to supply an avenue for you to do your normal sniping and Roy came in with his normal "sigh"and "I don't understand" comments, he even backed you up with the idea that rear radiation is used to complement the main lobe at the front, willing to put out trash in the hope of getting a jab in.

All this garbage reminds me of a mathematition named George Green who went to school for a year or so in I believe the 1700s before his father pulled him out of school to join him as a flour miller.
While the grinding wheel turned George wrote down many mathematical analysis but his work was not accepted because as an outsider he used terms that others could not or would not accept. A couple of hundred years later a mathematician, it might have been LaPlace decided to review these thesis and had no bones about substituting terms of the modern day and with minor alterations took on the mantle of a genius where his name is banded around to this day. Most of Geoge Green's work has now been claimed by others tho a few Green's theorems still remain but for the work of one open minded mathematician
who gained instant fame where as others stayed aloof because of the terms used all of Green's work would have been lost. Go back to your college books or somebody elses in your case and look up a few of those famous names in the past other than Maxwell and Coloumb(yes try some who proved many a theorem via mathematics,) and you will find some who followed education for its own sake who made allowance for Greens self home education and gained by it rather than only accepting the company of those who hold their noses aloof.
If something is missing or missnamed it is not much to ask for clarification instead of throwing mud. You may have had a lot of setbacks in your life and how people viewed you
but frankly you chose a certain way of life and what goes around comes around.
Back off of people and live and let live as others have continued to do so in your past
The days will look much brighter and even those Shakesperian plays and the company you keep will not be so deterring and you will enjoy the life you have remaining so much better.
Think about it, does mud throwing really make you happy and content?
What are you really looking for so that your remaining life is one of content?

Art

> 73's
> Richard Clark, KB7QHC

1197. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 02:45:57 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <FXA_g.2081$T_1.74@newssvr14.news.prodigy.com>
Source record: 50772
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

Ian White GM3SEK wrote:
> It's a persistent ham myth that an RF choke has specially good
> properties when the total length of wire is a quarter-wavelength, and
> specially bad properties at twice that frequency. When the wire is wound
> into any kind of coil, neither of those claims is true (except maybe by
> some rare coincidence).

Please don't imply that I said anything about the total
length of wire - I didn't. What you say is true and I
never said otherwise. Well-designed coils can be modeled
as rough approximations to transmission lines.

> The choke acts essentially as a parallel-tuned circuit, with its
> inductance tuned by its own self-capacitance. There will be a series
> resonance at some higher frequency, but not at twice the
> parallel-resonant frequency (except, again, perhaps by a rare coincidence).

I didn't say exactly twice the frequency and I said it
was an approximation. The chokes at:

http://www.k1ttt.net/technote/airbalun.html

average close to double the frequency.

> We don't have any performance data for the particular choke recommended
> by MFJ (and I'll return to that later) but the ARRL Antenna Book does
> have some measured data on two chokes, both made from 8 turns of RG213
> wound into a coil of 6-5/8in diameter. The first choke is a bunched
> flat coil, and the second is a solenoid. I took the time to import the
> data (20th Edition, Table 3) into Excel and analyse it carefully.
>
> The bunched choke has a sharp parallel resonance at about 6MHz, with a
> maximum |Z| value of about 8500 ohms (could be higher because the data
> are in 1MHz steps). The total winding length at this frequency is about
> 0.085 wavelengths - a very long way from a quarter-wave. At other
> frequencies up to about 30MHz, the choke behaves like a classic
> parallel-tuned circuit: the phase angle of Z is almost purely inductive
> (+90deg) below the resonant frequency, and almost purely capacitive
> (-90deg) above it.

No one would expect a bunched coil to be very well behaved.
Everything I have said applies to a coax choke wound on
some kind of coil form with some care given to its design.

> There is NO series resonance at twice the parallel-resonant frequency -
> that would be about 12MHz, and nothing at all "special" is happening

> there. At 18MHz, where the total winding length is 0.25 wavelengths,
> there is a very small wobble in the data, but nothing more.
>
> The series resonance, where the phase angle flips from negative to
> positive again, is at 31.5MHz, which is totally unrelated to any of the
> other frequencies above. The winding length is 0.5 wavelengths at 35MHz
> (where the data runs out) but again nothing "special" is happening there.

Again, no one would expect a bunched coil to be well behaved.

> Thus there is no evidence whatever for the myth of the "resonant length
> of wire in a choke".

You keep saying that as if I said otherwise. I didn't. The
length of the wire is irrelevant to this discussion.

> Turning now to the solenoid-wound choke, the different method of winding
> has increased the parallel resonance of the same length of cable from
> 6MHz to 9MHz. This is consistent with simple L-C behaviour, and with the
> solenoid having less distributed capacitance than the bunched winding.
>
> Once again, this choke behaves almost entirely as a parallel-tuned
> circuit. There are slightly larger wobbles in the data at the
> frequencies where the total winding lengths are a quarter-wave and a
> half-wave, but these "transmission-line" effects are still very minor,
> and completely dominated by the simple L-C behaviour.

The point is that there is a 1/4WL high impedance resonance
and a 1/2WL low impedance resonance that are roughly where
they should be. The 1/2WL low impedance resonance should
be avoided.

> As shown above, "1/2wl self resonance" ceases to be a valid concept once
> a length of wire is wound into a coil...

The 1/2WL self-resonance has little to do with the length
of wire. It is where the phase angle flips at a point of
low impedance. The 1/4WL self-resonance is where the phase
angle flips at a point of high impedance. The length of wire
is irrelevant, a moot point. I don't know why you brought
it up in the first place.
--
73, Cecil http://www.w5dxp.com

1198. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 02:46:27 UTC
From: "R. Scott" <spamtrap@w7psk.net>
Message-ID: <wYudnW04VYoeRqfYnZ2dnUVZ_oOdnZ2d@comcast.com>
Source record: 50773
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Slow Code wrote:

It didnt keep you out

1199. simple truth

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 02:58:33 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1161485913.823500.194240@f16g2000cwb.googlegroups.com>
Source record: 50775
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

Not Lloyd wrote:
> <Mark@kb9rqz.ars> wrote in message

> It is not an attempt to "selince" voices we dislike.
sure it
>Don't flatter yourself
> and don't put words in my statement that simply were not there.

it is is not there becase you are honest to put it there

> And once again for the record. I am NOT Steve. Kapiche?
I understand you are making the claim you are also a proven lier

1200. Re: I like being killfiled.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 03:02:42 UTC
From: Goonie Bird <anon@anon>
Message-ID: <db8uj.qh4.17.1@news.alt.net>
Source record: 50765
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

"Slow Code" <my.mail@no.spam> wrote in message
news:K6y_g.10634$Lv3.6151@newsread1.news.pas.earthlink.net...
"Not Lloyd" <anon@anon> wrote in news:d8ja1.nk7.19.1@news.alt.net:

>
> "Slow Code" <my.mail@no.spam> wrote in message
> news:Rbd_g.10062$Lv3.5939@newsread1.news.pas.earthlink.net...
> I actually prefer being killfiled, then I don't have to worry about
> lazy asses, lids, and retards attacking my policy posts.
>
> SC
>
> Hmmm...where does that leave Mark, since I thought he was all three of
> the above? You ain't exactly number one on his list of friends, you
> know.

Markie is all three all right. His brain doesn't seem to be able to
connect the dots. If KB9RQZ would KF all the people he hates, RRAP would
be a policy group again instead of a Laugh-at-the-Retard forum.

I'm not against trying to help Markie, but Markie refuses to be helped.
That's why from now on he's: "Mark in the Dark"

SC

The problem with this is that Mark In The Dark doesn't feel he needs help.
In his jumbled mind he is just "defending" his honor. Makes no difference
that HE started most of the angst to begin with, does it? That simply does
not compute in his dyslexic brain. Mark In The Dark doesn't feel that
eighty, ninety, or a hundred posts a day is spam.
I wonder if he abused drugs when he was a kid?

1201. Re: I like being killfiled.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 03:52:23 UTC
From: Not Lloyd <anon@anon>
Message-ID: <dbbrm.4dh.19.1@news.alt.net>
Source record: 50774
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

<Mark@kb9rqz.ars> wrote in message
news:l2llj2d39er44nqcslm8fb0mmoo33vg7sh@4ax.com...
On Sat, 21 Oct 2006 22:02:42 -0500, "Goonie Bird" <anon@anon> wrote:

>
>"Slow Code" <my.mail@no.spam> wrote in message
>news:K6y_g.10634$Lv3.6151@newsread1.news.pas.earthlink.net...
>"Not Lloyd" <anon@anon> wrote in news:d8ja1.nk7.19.1@news.alt.net:

>The problem with this is that Mark In The Dark doesn't feel he needs help.
got that much right
>In his jumbled mind he is just "defending" his honor. Makes no difference
>that HE started most of the angst to begin with, does it?
nope I did not Robeson did years agoo with threats to uurder me
> That simply does
>not compute in his dyslexic brain. Mark In The Dark doesn't feel that
>eighty, ninety, or a hundred posts a day is spam.
no I don't becuase simply number is not the deciding factor if it were
you folks would be Robeson a spammer and you aren't

indeed steve you are just ibessed with trying to selince those voices
you dislike

you can't do it
>I wonder if he abused drugs when he was a kid?

It is not an attempt to "selince" voices we dislike. Don't flatter yourself
and don't put words in my statement that simply were not there.
As for the rest of your comment, I'll have to hand it over to Slow Code to
figure out what "ibessed" is supposed to mean. That word simply does not
exist in the dictionaries I've looked at.

And once again for the record. I am NOT Steve. Kapiche?

1202. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 06:08:28 UTC
From: sapper <billvet6@excite.com>
Message-ID: <1161497308.349207.301490@m7g2000cwm.googlegroups.com>
Source record: 50676
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

No its double sideband. I do it for the kooks that are hung up on top
or
bottom posting!

Now thats funny!
KC9IRR

1203. Re: Long boom Vs Stacked elements

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 06:37:11 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <564mj2l7unfpc2efupv4ptgrgj4paspm9t@4ax.com>
Source record: 50677

On 21 Oct 2006 19:44:50 -0700, "art" <aunwin@insightbb.com> wrote:

Well, basically nothing. So, at the expense of bandwidth let's run
that list once again:

Hi Art,

To date, EVERY posting that you've made in several weeks has missed
100% of the following:
1. What frequency?
2. What design style?
3. What gain?
4. What f/b?
5. What f/s?
6. What feedpoint impedance?
7. What bandwidth?
8. What height?
9. What optimum launch angle?
10. How many elements?
11. What spacings?
12. What lengths?
13. What orientations?
14. What method of feed?
15. What forms of loading?

Issues 1,3,4,5,6,7,8,9,10,11,and 12 all require numeric responses.
Issues 2,13,14, and 15 demand ordinary mechanical descriptions of
conventional devices.

If the numbers and ordinary mechanical descriptions do not bear out
anything remarkable, you can be sure this will be a short thread. It's
that simple.

73's
Richard Clark, KB7QHC

1204. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 07:11:09 UTC
From: Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk>
Message-ID: <STXUjeBNmxOFFwNR@g3ohx.demon.co.uk>
Source record: 50678
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

In message <1161477421.402301.137240@i42g2000cwa.googlegroups.com>,
hot-ham-and-cheese@hotmail.com writes
>
>N2EY@AOL.COM wrote:
>> hot-ham-and-cheese@hotmail.com wrote:
>> > Slow Code wrote:
>> > > Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
>> > > news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
>> > >
>> > > > There was recently a thread here on the subject of whether morse had
>> > > > saved any lives recently. Well it has in the UK!
>> > > >
>> > > > Have a look at
>> > > > http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
>> > > >
>> > > > "Torch used in Morse code rescue.
>> >
>> > > > Coastguards in Hampshire have rescued a sailor who used his torch to
>> > > > flash an SOS message in Morse code."
>> > > >
>> > > > Ian.
>> > >
>> > > Boy, Lenny Anderson is going to be pissed. That's not the sort
>> > > of CW news he likes to hear. Lucky for the sailor there was
>> > > still someone out there that knew code.
>> > >
>> > > SC
>> >
>> > Is it still Morse Code if the speed is measured in words per hour?
>> >
>> > Imagine lighting and extinguishing a torch to send SOS.
>>
>> In the UK, one of the common meanings of "torch" is what Americans call
>> a "flashlight".
>
>I guess that's the difference between Homo Sapiens and Neanderthals.
>
>> > Bring your
>> > lunch and fire extinguisher.
>>
>> This may explain your confusion:
>
>I happen to know the difference between flashlights and torches.

>Cavemen carry torches.
>

Oops! I didn't spot that problem. I should realised that 'torch' would cause confusion among you benighted Merkins. Being British, but having a Merkin daughter-in-law, I am reasonably bilingual these days. It's very interesting how the English language has diverged. However, be assured that, in the UK, we have progressed to using flashlights and torches interchangeably these days.
Ian.
--

1205. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 08:23:13 UTC
From: Opus- <jbuchy@shaw.ca>
Message-ID: <f88mj25h232km6eil2s69jbs1j8m1htgmq@4ax.com>
Source record: 50679
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sat, 21 Oct 2006 16:28:34 -0400, Dave <W1MCE@comcast.net> spake
thusly:

>Mark@kb9rqz.ars wrote:
>
>> On Sat, 21 Oct 2006 08:58:09 -0400, Dave <W1MCE@comcast.net> wrote:
>>
>>
>>>>Not dropped here.
>>>
>>>>Even 9 year olds can learn the code.
>>
>> some can maening it is worhtless and unneeded for the rest
>>
>>>>Barry OGrady wrote:
>>>
>>>>>Not since it was dropped completly 3 years ago.
>>>>
>>
>"Worthless and Unneeded"? That was NOT the question!! Learn to answer the
>question! READ THE SUBJECT LINE.
>
>No one asked whether it is useful, it absolutely is, the question is: is it
>"keeping good people out of ham radio?"
>
>NOPE!!!

Sorry, but I can say for an absolute fact that your 're wrong. It had
kept me out of ham radio and I know exactly what kind of person that I
am. And before the obligatory "lazy" word is trotted out, I have to
work for the pay cheque that buys the radio, pays the rent for the
building that the radio is in and pays for the tower that is in the
back yard. I have to work extra to pay MORE for a place where I am
allowed a tower, as opposed to less expensive digs.

Honestly, I can't believe how some pro-coders look down on no-coders
with such contempt. I was once a member of a "live steam" model
railroad club. These were larger model steam trains that ran with real
steam instead of electric power. They could be run with either propane
or coal, depending on the individual. The guys who built their
locomotives from scratch NEVER looked down on the guys who bought
theirs from a classified ad. The guys burning coal did NOT call the
propane guys "lazy". We all enjoyed a fine hobby and club meetings
were always good fun and most informative. It was great for a

mechanic, like myself, to rub shoulders with experienced retired machinists who built these locomotives. At one of our "open houses", which were located outdoors at the club track, my daughter took her first steps.

Isn't ham radio supposed to be like that? Is there no camaraderie?

1206. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 11:20:27 UTC
From: JIMMIE <JIMMIEDEE123@YAHOO.COM>
Message-ID: <1161516027.211840.221040@i42g2000cwa.googlegroups.com>
Source record: 50680
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Dee Flint wrote:
> "JIMMIE" <JIMMIEDEE123@YAHOO.COM> wrote in message
> news:1161425920.825865.62130@m7g2000cwm.googlegroups.com...
> >
> > Slow Code wrote:
> >> Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
> >> news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
> >>
> >> > There was recently a thread here on the subject of whether morse had
> >> > saved any lives recently. Well it has in the UK!
> >> >
> >> > Have a look at
> >> > http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
> >> >
> >> > "Torch used in Morse code rescue.
> >> > Coastguards in Hampshire have rescued a sailor who used his torch to
> >> > flash an SOS message in Morse code."
> >> >
> >> > Ian.
> >>
> >>
> >> Boy, Lenny Anderson is going to be pissed. That's not the sort
> >> of CW news he likes to hear. Lucky for the sailor there was
> >> still someone out there that knew code.
> >>
> >> SC
> >
> > I guess this means if you were in the tower others would die because
> > you cant recongnise a flashing light on a boat as a distrress call
> > unless its in morse.
> >
>
> Unless one does know the distress signal in Morse, why would anyone consider
> that someone was signaling a problem. They could just as easily have
> thought it was some kids goofing off.
>
> Dee, N8UZE

1207. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 11:22:59 UTC
From: JIMMIE <JIMMIEDEE123@YAHOO.COM>
Message-ID: <1161516179.173330.155010@k70g2000cwa.googlegroups.com>
Source record: 50681
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Dee Flint wrote:
> "JIMMIE" <JIMMIEDEE123@YAHOO.COM> wrote in message
> news:1161425920.825865.62130@m7g2000cwm.googlegroups.com...
> >
> > Slow Code wrote:
> >> Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
> >> news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
> >>
> >> > There was recently a thread here on the subject of whether morse had
> >> > saved any lives recently. Well it has in the UK!
> >> >
> >> > Have a look at
> >> > http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
> >> >
> >> > "Torch used in Morse code rescue.
> >> > Coastguards in Hampshire have rescued a sailor who used his torch to
> >> > flash an SOS message in Morse code."
> >> >
> >> > Ian.
> >>
> >>
> >> Boy, Lenny Anderson is going to be pissed. That's not the sort
> >> of CW news he likes to hear. Lucky for the sailor there was
> >> still someone out there that knew code.
> >>
> >> SC
> >
> > I guess this means if you were in the tower others would die because
> > you cant recongnise a flashing light on a boat as a distrress call
> > unless its in morse.
> >
>
> Unless one does know the distress signal in Morse, why would anyone consider
> that someone was signaling a problem. They could just as easily have
> thought it was some kids goofing off.
>
> Dee, N8UZE

Good thing you dont stand watch.

1208. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 11:23:34 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <GXkGkTL2S1OFFA+p@ifwtech.co.uk>
Source record: 50682
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

Cecil Moore wrote:
>Ian White GM3SEK wrote:
>> It's a persistent ham myth that an RF choke has specially good
>>properties when the total length of wire is a quarter-wavelength, and
>>specially bad properties at twice that frequency. When the wire is
>>wound into any kind of coil, neither of those claims is true (except
>>maybe by some rare coincidence).
>
>Please don't imply that I said anything about the total
>length of wire - I didn't.

In that case, I suggest you stop making constant references to "1/4WL self-resonance" and "1/2WL self-resonance". If you don't mean it literally, it's a very misleading metaphor.

>What you say is true and I
>never said otherwise. Well-designed coils can be modeled
>as rough approximations to transmission lines.
>

>> The choke acts essentially as a parallel-tuned circuit, with its
>>inductance tuned by its own self-capacitance. There will be a series
>>resonance at some higher frequency, but not at twice the parallel-
>>resonant frequency (except, again, perhaps by a rare coincidence).
>
>I didn't say exactly twice the frequency and I said it
>was an approximation. The chokes at:
>
>http://www.k1ttt.net/technote/airbalun.html
>
>average close to double the frequency.
>
We're actually looking at exactly the same data (except that the original reference quoted on K1TTT's site also includes a ferrite bead choke for comparison).

I have graphed the |Z| data for all the chokes (see link to spreadsheet below) and there is no consistent trend. In the following table, Fmax is the frequency of maximum impedance, and Fmin is the frequency of any minimum observable within the frequency range (the 8t 1 layer choke has two very small minima). Ratio is Fmax/Fmin.

Choke Fmax Fmin Ratio
6t 1 layer 24 none -
12t 1 layer 15 31 2.1

4t 1 layer 21 34 1.6
8t 1 layer 12 19 1.6
12 32 2.7
8t bunched 6 36 6.0

Judging from the shapes of the graphs and the table above, I would say
that "twice the frequency" is not even valid as an approximation.

>
>No one would expect a bunched coil to be very well behaved.
>Everything I have said applies to a coax choke wound on
>some kind of coil form with some care given to its design.
>

Across the whole 1-30MHz band, the bunched choke behaves as an almost
perfect L-C circuit, free from any unwanted resonances. The only problem
with that design is to reproduce the exact parallel-resonant frequency
from one example to the next.

>> There is NO series resonance at twice the parallel-resonant
>>frequency - that would be about 12MHz, and nothing at all "special"
>>is happening there. At 18MHz, where the total winding length is 0.25
>>wavelengths, there is a very small wobble in the data, but nothing
>>more.
>> The series resonance, where the phase angle flips from negative to
>>positive again, is at 31.5MHz, which is totally unrelated to any of the
>>other frequencies above. The winding length is 0.5 wavelengths at
>>35MHz (where the data runs out) but again nothing "special" is
>>happening there.
>
>Again, no one would expect a bunched coil to be well behaved.
>
>> Thus there is no evidence whatever for the myth of the "resonant
>>length of wire in a choke".
>
>You keep saying that as if I said otherwise. I didn't. The
>length of the wire is irrelevant to this discussion.
>
>> Turning now to the solenoid-wound choke, the different method of
>>winding has increased the parallel resonance of the same length of
>>cable from 6MHz to 9MHz. This is consistent with simple L-C
>>behaviour, and with the solenoid having less distributed capacitance
>>than the bunched winding.
>> Once again, this choke behaves almost entirely as a parallel-tuned
>>circuit. There are slightly larger wobbles in the data at the
>>frequencies where the total winding lengths are a quarter-wave and a
>>half-wave, but these "transmission-line" effects are still very minor,
>>and completely dominated by the simple L-C behaviour.
>
>The point is that there is a 1/4WL high impedance resonance
>and a 1/2WL low impedance resonance that are roughly where

>they should be. The 1/2WL low impedance resonance should
>be avoided.
>
>> As shown above, "1/2wl self resonance" ceases to be a valid concept
>>once a length of wire is wound into a coil...
>
>The 1/2WL self-resonance has little to do with the length
>of wire. It is where the phase angle flips at a point of
>low impedance. The 1/4WL self-resonance is where the phase
>angle flips at a point of high impedance. The length of wire
>is irrelevant, a moot point. I don't know why you brought
>it up in the first place.

If you say "the length of wire is irrelevant to this discussion" - with which I most strongly agree - why do you persist in using these terms "1/4WL" and "1/2WL" - what dimension of the choke are they referring to?

The Excel workbook at

www.ifwtech.co.uk/g3sek/misc/chokes.xls

contains three spreadsheets.

1. Original data
For all the coiled chokes (same data in the ARRL Antenna Book and on K1TT's site) with graphs of |Z|. There are minor dips at higher frequencies, but they are *minor*, and always in a region where the impedance is so low that you wouldn't be using that choke anyway.

These graphs simply don't support the assertion of a series resonance at "twice the parallel-resonant frequency" - not even as an approximation.

2. Three chokes compared
The solenoid-wound 8-turn choke, the bunched 8-turn choke, and the ferrite choke for comparison. The graphs give details of the Z magnitude and phase.

3. LC model
For the 8-turn solenoid choke. The inductance is calculated from the physical dimensions of the choke, using the standard ARRL formula (winding length assumes close-wound RG213). The self-capacitance is calculated from the inductance and the choke's parallel-resonant frequency. The dynamic resistance is the peak value from 12MHz, and is assumed constant at all frequencies.

Those simple assumptions - a fixed L, C and R, all connected in parallel - give a very good fit to the measured data at all frequencies (only one point has been forced to fit, namely the peak at 12MHz). This shows that the dominant behaviour of the choke is like a simple LC circuit, damped by some loss resistance.

Much of the loss resistance is probably due to losses in the PVC jacket of the RG213. If these losses are actually increasing with frequency

(rather than being constant, as assumed) then the fit at all frequencies would be improved.

This very simple LCR model predicts almost everything that was measured. However, it cannot predict any series resonance at some higher frequency. If Cecil cares to produce a transmission-line model of the same choke that can do better, I'm sure we'd all be interested to see it.

--
73 from Ian GM3SEK 'In Practice' columnist for RadCom (RSGB)
http://www.ifwtech.co.uk/g3sek

1209. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 12:47:14 UTC
From: Dee Flint <deeflint01@comcast.net>
Message-ID: <nqKdndO0747-9abYnZ2dnUVZ_oadnZ2d@comcast.com>
Source record: 50683
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Opus-" <jbuchy@shaw.ca> wrote in message
news:f88mj25h232km6eil2s69jbs1j8m1htgmq@4ax.com...

[snip]

> Sorry, but I can say for an absolute fact that your 're wrong. It had
> kept me out of ham radio and I know exactly what kind of person that I
> am. And before the obligatory "lazy" word is trotted out, I have to
> work for the pay cheque that buys the radio, pays the rent for the
> building that the radio is in and pays for the tower that is in the
> back yard. I have to work extra to pay MORE for a place where I am
> allowed a tower, as opposed to less expensive digs.
>
> Honestly, I can't believe how some pro-coders look down on no-coders
> with such contempt. I was once a member of a "live steam" model
> railroad club. These were larger model steam trains that ran with real
> steam instead of electric power. They could be run with either propane
> or coal, depending on the individual. The guys who built their
> locomotives from scratch NEVER looked down on the guys who bought
> theirs from a classified ad. The guys burning coal did NOT call the
> propane guys "lazy". We all enjoyed a fine hobby and club meetings
> were always good fun and most informative. It was great for a
> mechanic, like myself, to rub shoulders with experienced retired
> machinists who built these locomotives. At one of our "open houses",
> which were located outdoors at the club track, my daughter took her
> first steps.
>
> Isn't ham radio supposed to be like that? Is there no camaraderie?

Yes ham radio is supposed to be camaraderie. People are supposed to help each other. The divisiveness stems from the fact that too many no-coders appear to want to change the requirements with no knowledge, experience, or understanding of the requirements. In addition, most of us have experienced people who said they could not learn code but upon questioning find that they did not use a good training method and did not train correctly. Yet when they decided they were tired of waiting did learn it and got their upgrade. Then finding out how useful it was in ham pursuits were glad that they had done it.

So far of each of the reasons that people put forth as to why they can't learn it have been disproven by the example of other people with the same problem having gone ahead and done it. The 5wpm level is obtainable although some of the problem do make faster speeds a problem (constant tinnitus may be a severe problem at 20 wpm for example). My ex-OM had 70%

hearing loss in both ears and severe tinnitus. He passed the 5wpm. I know people with dyslexia who have passed. The blind have passed. Even the deaf have passed using flashing lights or vibrating pads.

Do you have competitions in your model railroading activity? If you enter that competition, you all have to follow the published rules with no exceptions. If it is a competition for the "homebrewers", then those who don't do so can enjoy viewing them but they cannot enter into the competition.

Dee, N8UZE

1210. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 12:47:38 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <uLWdnQPAQv_x9abYnZ2dnUVZ_v2dnZ2d@bright.net>
Source record: 50684
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

I haven't really been following this thread, so I'll assume it
originated by someone who thinks the code requirement (here in the USA)
should be removed from the license requirements. Personally, I don't
think it needs to be removed because with a little practice, anyone can
do 5 WPM. In fact, I recall a young man of about 5 years old getting his
license many years ago...it used to be written up in one of the chapters
of the ARRL handbook. If you don't want to learn code, we have the
Technician class license for that. Anyhow, where in the rules does it
say a ham is required to know code to possibly save a life one day?
It's just something they came up with to use in testing for a license.
From the FCC rules:

97.3 Definitions.
(a) The definitions of terms used in Part 97 are:

(4) Amateur service. A radiocommunication service for the purpose of
self-training,
intercommunication and technical investigations carried out by amateurs,
that is,
duly authorized persons interested in radio technique solely with a
personal aim
and without pecuniary interest.

>>Unless one does know the distress signal in Morse, why would anyone consider
>>that someone was signaling a problem. They could just as easily have
>>thought it was some kids goofing off.
>>
>>Dee, N8UZE
>
>
> Good thing you dont stand watch.
>

1211. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 12:48:48 UTC
From: Dee Flint <deeflint01@comcast.net>
Message-ID: <OfmdnSDe_6Zf9abYnZ2dnUVZ_t6dnZ2d@comcast.com>
Source record: 50685
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"Ian Jackson" <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in message
news:STXUjeBNmxOFFwNR@g3ohx.demon.co.uk...
> In message <1161477421.402301.137240@i42g2000cwa.googlegroups.com>,
> hot-ham-and-cheese@hotmail.com writes
>>
>>N2EY@AOL.COM wrote:
>>> hot-ham-and-cheese@hotmail.com wrote:
>>> > Slow Code wrote:
>>> > > Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
>>> > > news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
>>> > >
>>> > > > There was recently a thread here on the subject of whether morse
>>> > > had
>>> > > saved any lives recently. Well it has in the UK!
>>> > >
>>> > > Have a look at
>>> > > http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
>>> > >
>>> > > "Torch used in Morse code rescue.
>>> >
>>> > > Coastguards in Hampshire have rescued a sailor who used his torch
>>> > > to
>>> > > flash an SOS message in Morse code."
>>> > >
>>> > > Ian.
>>> >
>>> > Boy, Lenny Anderson is going to be pissed. That's not the sort
>>> > of CW news he likes to hear. Lucky for the sailor there was
>>> > still someone out there that knew code.
>>> >
>>> > SC
>>> >
>>> Is it still Morse Code if the speed is measured in words per hour?
>>> >
>>> Imagine lighting and extinguishing a torch to send SOS.
>>>
>>> In the UK, one of the common meanings of "torch" is what Americans call
>>> a "flashlight".
>>
>>I guess that's the difference between Homo Sapiens and Neanderthals.
>>
>>> Bring your
>>> lunch and fire extinguisher.

>>>
>>> This may explain your confusion:
>>
>>I happen to know the difference between flashlights and torches.
>>Cavemen carry torches.
>>
>
> Oops! I didn't spot that problem. I should realised that 'torch' would
> cause confusion among you benighted Merkins. Being British, but having a
> Merkin daughter-in-law, I am reasonably bilingual these days. It's very
> interesting how the English language has diverged. However, be assured
> that, in the UK, we have progressed to using flashlights and torches
> interchangeably these days.
> Ian.
> --

One place I worked where we sometimes bid on jobs from the UK kept a list of terms with the UK versus US definitions because of the differences in terminology.

Dee, N8UZE

1212. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 12:51:20 UTC
From: Dee Flint <deeflint01@comcast.net>
Message-ID: <wt-dna4ccsrE9KbYnZ2dnUVZ_v-dnZ2d@comcast.com>
Source record: 50686
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"JIMMIE" <JIMMIEDEE123@YAHOO.COM> wrote in message
news:1161516179.173330.155010@k70g2000cwa.googlegroups.com...
>
> Dee Flint wrote:
>> "JIMMIE" <JIMMIEDEE123@YAHOO.COM> wrote in message
>> news:1161425920.825865.62130@m7g2000cwm.googlegroups.com...
>> >
>> > Slow Code wrote:
>> >> Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
>> >> news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
>> >>
>> >> > There was recently a thread here on the subject of whether morse had
>> >> > saved any lives recently. Well it has in the UK!
>> >> >
>> >> > Have a look at
>> >> > http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
>> >> >
>> >> > "Torch used in Morse code rescue.
>> >> > Coastguards in Hampshire have rescued a sailor who used his torch to
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>> >> > Ian.
>> >>
>> >>
>> >> Boy, Lenny Anderson is going to be pissed. That's not the sort
>> >> of CW news he likes to hear. Lucky for the sailor there was
>> >> still someone out there that knew code.
>> >>
>> >> SC
>> >
>> > I guess this means if you were in the tower others would die because
>> > you cant recongnise a flashing light on a boat as a distrress call
>> > unless its in morse.
>> >
>>
>> Unless one does know the distress signal in Morse, why would anyone
>> consider
>> that someone was signaling a problem. They could just as easily have
>> thought it was some kids goofing off.
>>
>> Dee, N8UZE
>
> Good thing you dont stand watch.

Since I know Morse code, it wouldn't be a problem. Just because a light is being flashed, doesn't mean it is a distress signal. If I were standing watch, I'd make sure that I was conversant with the various distress signals that might be used.

Dee, N8UZE

1213. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 12:57:45 UTC
From: Dee Flint <deeflint01@comcast.net>
Message-ID: <FKednbfUtupE96bYnZ2dnUVZ_qmdnZ2d@comcast.com>
Source record: 50687
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"Scott" <acepilot@bloomer.net> wrote in message
news:uLWdnQPAQv_x9abYnZ2dnUVZ_v2dnZ2d@bright.net...
>I haven't really been following this thread, so I'll assume it originated
>by someone who thinks the code requirement (here in the USA) should be
>removed from the license requirements. Personally, I don't think it needs
>to be removed because with a little practice, anyone can do 5 WPM. In fact,
>I recall a young man of about 5 years old getting his license many years
>ago...it used to be written up in one of the chapters of the ARRL handbook.
>If you don't want to learn code, we have the Technician class license for
>that. Anyhow, where in the rules does it say a ham is required to know
>code to possibly save a life one day? It's just something they came up with
>to use in testing for a license.

[snip]

Personally I happen to believe it should be kept simply because it is one of the basics of ham radio. Even if one never uses it after, it should be learned at a basic (i.e. 5wpm) level. This later enables the individual to later decide if they want to pursue it to a higher level. If they are not required to learn the basic level, they may forever falsely believe that code is too hard for them.

Dee, N8UZE

1214. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 13:54:07 UTC
From: jawod <jawod@fuse.net>
Message-ID: <453B77FF.7050304@fuse.net>
Source record: 50688
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

Ian White GM3SEK wrote:
>
> For a more broadband solution based on coiled coax, I'd agree with
> Cecil's suggestion of cascading a large coil for the lower bands with a
> smaller coil optimized for the higher bands. It would also be possible
> to cascade a large coil with a small ferrite choke.
>

Ian and Cecil,

I think you both should disclose any ties you might have to the cable industry. (hi)

I haven't been able to find out the proper placement of ferrite beads. Are they placed ANYWHERE along the cable. Do you calculate the transmission length for voltage peaks?

Thanks,

John
AB8O

1215. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 14:30:56 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <AgL_g.15103$GR.7666@newssvr29.news.prodigy.net>
Source record: 50689
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

Ian White GM3SEK wrote:
> In that case, I suggest you stop making constant references to "1/4WL
> self-resonance" and "1/2WL self-resonance". If you don't mean it
> literally, it's a very misleading metaphor.

All of those concepts are explained at:

www.ttr.com/TELSIKS2001-MASTER-1.pdf

in an IEEE sponsored paper by KB1EUD and K1AON. The first high
impedance self-resonance point of a coil, where the phase angle
changes sign, is called "quarter-wave resonance". (The self-resonant
frequency for a 75m bugcatcher loading coil *IS* the 1/4WL self-
resonant point.)

Under "III. TRANSMISSION LINE MODELING", it says:
"By means of conventional distributed-element theory, a thorny
boundary value problem has been reduced to a very simple RF
transmission line. In fact, the entire design and tuning
exercise ... can now be performed conveniently on a Smith Chart."

"There are a great number of formulae for coil self-capacitance.
None are of particular value for quarter-wave helical resonators
anywhere near the 90 degree point."

A coiled coax choke operated at its self-resonant frequency *IS*
being operated at the quarter-wave (90 degree) point.

I doubt that the IEEE would publish a "very misleading metaphor".

> I have graphed the |Z| data for all the chokes (see link to spreadsheet
> below) and there is no consistent trend. In the following table, Fmax is
> the frequency of maximum impedance, and Fmin is the frequency of any
> minimum observable within the frequency range (the 8t 1 layer choke has
> two very small minima). Ratio is Fmax/Fmin.

What we are looking for is the phase shift from negative to positive.
That would indicate the 1/2WL point.

> Choke Fmax Fmin Ratio
> 6t 1 layer 24 none -

The 1/4WL self-resonant point is at 24 MHz. 48 MHz data is not
given. There is no phase shift from negative to positive in the
given data. The 1/2WL resonant point is not contained in the
data so this set of data is useless for finding the 1/2WL point.

> 12t 1 layer 15 31 2.1

2.1 is approximately 2

> 4t 1 layer 21 34 1.6
> 8t 1 layer 12 19 1.6

Round the 1.6 to a single digit - that's approximately 2

> 8t bunched 12 32 2.7

Bunched isn't well behaved enough to count.

> beaded 6 36 6.0

Beaded isn't a coil so doesn't count.

> Judging from the shapes of the graphs and the table above, I would say
> that "twice the frequency" is not even valid as an approximation.

Someone needs to explain to mathematicians that rounding 1.6
to an integer isn't equal to 2. If I said it was an extremely
rough approximation, would that be better?

> Across the whole 1-30MHz band, the bunched choke behaves as an almost
> perfect L-C circuit, free from any unwanted resonances.

Which means it is not behaving as a slow-wave coil structure.
One might say it is misbehaving and is a very poor design.

> If you say "the length of wire is irrelevant to this discussion" - with
> which I most strongly agree - why do you persist in using these terms
> "1/4WL" and "1/2WL" - what dimension of the choke are they referring to?

I'm using them because the IEEE uses them. I keep telling you
that they do not refer to a physical dimension! They refer to
a measurable condition. The first self-resonance is obviously
the 1/4WL point.

I did make a mental slip-up in my previous posting. I forgot
that the VF of the coil changes with frequency. That would
help explain the deviation away from the times two value for
1/2WL resonance. To illustrate the transmission line
characteristic of the choke, the frequency needs to remain
constant while the number of turns is varied.
--
73, Cecil http://www.w5dxp.com

1216. FA: M216's VHF 16 ch 8hrs left!!!! Cheap

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 14:43:58 UTC
From: "Thanks....." <pottsladd13@yahoo.com>
Message-ID: <OsL_g.508$%T3.437@trndny03>
Source record: 50690
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna,rec.radio.swap

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&ih=014&sspagename=STRK%3AMESE%3AIT&viewitem=&item=330039604862&rd=1&rd=1

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&ih=014&sspagename=STRK%3AMESE%3AIT&viewitem=&item=330039605643&rd=1&rd=1

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&ih=014&sspagename=STRK%3AMESE%3AIT&viewitem=&item=330039606701&rd=1&rd=1

Nice radio's, take a look.

1217. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 14:54:34 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <KCL_g.15108$GR.9108@newssvr29.news.prodigy.net>
Source record: 50691
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

jawod wrote:
> I haven't been able to find out the proper placement of ferrite beads.
> Are they placed ANYWHERE along the cable.

Ideally, they should be placed at a common-mode standing-
wave current antinode (maximum). Aren't you glad you asked?

Most hams install the choke at the most convenient
place. However, at the feedpoint of a one wavelength
dipole is not a good place.

A common place is at a BALanced to UNbalanced junction
where the choke can perform the balun function.
--
73, Cecil http://www.w5dxp.com

1218. nice pikture of tood

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 16:30:10 UTC
From: Mark Morgan <andoldfriend@yahoo.net>
Message-ID: <453b8fa0$0$19715$88260bb3@free.teranews.com>
Source record: 50692
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,rec.radio.shortwave,rec.radio.scanner

http://i12.tinypic.com/2v809k3.jpg

ist from mi blog
http://www.marksspamblog.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1219. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 16:50:17 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12jn8a99luvt96f@corp.supernews.com>
Source record: 50693
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

```
Ian Jackson wrote:
> In message <1161477421.402301.137240@i42g2000cwa.googlegroups.com>,
> hot-ham-and-cheese@hotmail.com writes
>
>>
>> N2EY@AOL.COM wrote:
>>
>>> hot-ham-and-cheese@hotmail.com wrote:
>>> > Slow Code wrote:
>>> > > Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
>>> > > news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
>>> > >
>>> > > > There was recently a thread here on the subject of whether
>>> morse had
>>> > > > saved any lives recently. Well it has in the UK!
>>> > > >
>>> > > > Have a look at
>>> > > > http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
>>> > > >
>>> > > > "Torch used in Morse code rescue.
>>> >
>>> > > > Coastguards in Hampshire have rescued a sailor who used his
>>> torch to
>>> > > > flash an SOS message in Morse code."
>>> > > >
>>> > > > Ian.
>>> > >
>>> > > Boy, Lenny Anderson is going to be pissed. That's not the sort
>>> > > of CW news he likes to hear. Lucky for the sailor there was
>>> > > still someone out there that knew code.
>>> > >
>>> > > SC
>>> >
>>> > Is it still Morse Code if the speed is measured in words per hour?
>>> >
>>> > Imagine lighting and extinguishing a torch to send SOS.
>>>
>>> In the UK, one of the common meanings of "torch" is what Americans call
>>> a "flashlight".
>>
>>
>> I guess that's the difference between Homo Sapiens and Neanderthals.
>>
```

>>> > Bring your
>>> > lunch and fire extinguisher.
>>>
>>> This may explain your confusion:
>>
>>
>> I happen to know the difference between flashlights and torches.
>> Cavemen carry torches.
>>
>
> Oops! I didn't spot that problem. I should realised that 'torch' would
> cause confusion among you benighted Merkins. Being British, but having a
> Merkin daughter-in-law, I am reasonably bilingual these days. It's very
> interesting how the English language has diverged. However, be assured
> that, in the UK, we have progressed to using flashlights and torches
> interchangeably these days.
> Ian.
Ian;

Remember what that great American statesmen Winston Churchill once
said" We are one people divided by a common language".

Dave N grandson of a Brit and a Scot

1220. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 17:01:24 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <j6wfvyAkP6OFFAos@ifwtech.co.uk>
Source record: 50694
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

jawod wrote:
>Ian White GM3SEK wrote:
>> For a more broadband solution based on coiled coax, I'd agree with
>>Cecil's suggestion of cascading a large coil for the lower bands with
>>a smaller coil optimized for the higher bands. It would also be
>>possible to cascade a large coil with a small ferrite choke.
>>
>
>Ian and Cecil,
>
>I think you both should disclose any ties you might have to the cable
>industry. (hi)
>

Somewhere in there is a very bad joke about "cable ties"...

Cable is much less expensive over here than large ferrite beads imported from the USA; hence my interest in the coiled cable chokes.

>I haven't been able to find out the proper placement of ferrite beads.
>Are they placed ANYWHERE along the cable. Do you calculate the
>transmission length for voltage peaks?
>

The place to start is where the common-mode current would be launched onto the coax. In an antenna fed with coax all the way, that would be the feedpoint. In an antenna fed partly with coax and then with parallel line, it would be at the transition point.

But if the system is physically asymmetrical (eg if the feedline runs back horizontally below the antenna) a single choke may not be enough to solve the problem. In that case, the next place to think about would be a quarter-wave closer to the transmitter.

...Doorbell...

Someone stopped by for a long Sunday afternoon chat, and in the meantime Cecil has provided the rest of the answer.

--
73 from Ian GM3SEK 'In Practice' columnist for RadCom (RSGB)
http://www.ifwtech.co.uk/g3sek

1221. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 17:37:46 UTC
From: Mark@kb9rqz.ars
Message-ID: <b2bnj29gh4gkq40lneprqb780u0jocme8c@4ax.com>
Source record: 50695
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 22 Oct 2006 08:47:14 -0400, "Dee Flint"
<deeflint01@comcast.net> wrote:

>
>"Opus-" <jbuchy@shaw.ca> wrote in message
>news:f88mj25h232km6eil2s69jbs1j8m1htgmq@4ax.com...
>
>[snip]
>
>> Sorry, but I can say for an absolute fact that your 're wrong. It had
>> kept me out of ham radio and I know exactly what kind of person that I
>> am. And before the obligatory "lazy" word is trotted out, I have to
>> work for the pay cheque that buys the radio, pays the rent for the
>> building that the radio is in and pays for the tower that is in the
>> back yard. I have to work extra to pay MORE for a place where I am
>> allowed a tower, as opposed to less expensive digs.
>>
>> Honestly, I can't believe how some pro-coders look down on no-coders
>> with such contempt. I was once a member of a "live steam" model
>> railroad club. These were larger model steam trains that ran with real
>> steam instead of electric power. They could be run with either propane
>> or coal, depending on the individual. The guys who built their
>> locomotives from scratch NEVER looked down on the guys who bought
>> theirs from a classified ad. The guys burning coal did NOT call the
>> propane guys "lazy". We all enjoyed a fine hobby and club meetings
>> were always good fun and most informative. It was great for a
>> mechanic, like myself, to rub shoulders with experienced retired
>> machinists who built these locomotives. At one of our "open houses",
>> which were located outdoors at the club track, my daughter took her
>> first steps.
>>
>> Isn't ham radio supposed to be like that? Is there no camaraderie?
>
>Yes ham radio is supposed to be camaraderie. People are supposed to help
>each other. The divisiveness stems from the fact that too many no-coders
>appear to want to change the requirements with no knowledge, experience, or
>understanding of the requirements.
back to lying about the motives and knowledge of the NoCoders again
DEE
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1222. id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 17:39:28 UTC
From: Mark@kb9rqz.ars
Message-ID: <p5bnj2dv2mmnmdq19kvfvkem0bv3r5e7v5@4ax.com>
Source record: 50696
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,rec.radio.shortwave,rec.radio.scanner

On Sun, 22 Oct 2006 12:30:10 -0400, "Mark Morgan"
<andoldfriend@yahoo.net> wrote:

>
id theft remains a crime
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1223. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 17:41:56 UTC
From: Mark@kb9rqz.ars
Message-ID: <5abnj2ds3n9374gdus04o5uva9298ph62c@4ax.com>
Source record: 50697
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Sun, 22 Oct 2006 08:57:45 -0400, "Dee Flint"
<deeflint01@comcast.net> wrote:

>
>"Scott" <acepilot@bloomer.net> wrote in message
>news:uLWdnQPAQv_x9abYnZ2dnUVZ_v2dnZ2d@bright.net...
>>I haven't really been following this thread, so I'll assume it originated
>>by someone who thinks the code requirement (here in the USA) should be
>>removed from the license requirements. Personally, I don't think it needs
>>to be removed because with a little practice, anyone can do 5 WPM. In fact,
>>I recall a young man of about 5 years old getting his license many years
>>ago...it used to be written up in one of the chapters of the ARRL handbook.
>>If you don't want to learn code, we have the Technician class license for
>>that. Anyhow, where in the rules does it say a ham is required to know
>>code to possibly save a life one day? It's just something they came up with
>>to use in testing for a license.
>
>[snip]
>
>Personally I happen to believe it should be kept simply because it is one of
>the basics of ham radio.
bullshit Maxwell equations are the true basis of Radio
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1224. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 17:43:01 UTC
From: Mark@kb9rqz.ars
Message-ID: <fcbnj2h0uko2t7bqv6eagf39g7allgv37a@4ax.com>
Source record: 50698
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Sun, 22 Oct 2006 11:50:17 -0500, "David G. Nagel" <nagel@core.com>
wrote:

>Ian Jackson wrote:
>> In message <1161477421.402301.137240@i42g2000cwa.googlegroups.com>,
>> hot-ham-and-cheese@hotmail.com writes
>>
>>>
>>> N2EY@AOL.COM wrote:
>>>
>>>> hot-ham-and-cheese@hotmail.com wrote:
>>>> > Slow Code wrote:
>>>> > > Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
>>>> > > news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
>>>> > >
>>>> > > > There was recently a thread here on the subject of whether
>>>> morse had
>>>> > > > saved any lives recently. Well it has in the UK!
>>>> > > >
>>>> > > > Have a look at
>>>> > > > http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
>>>> > > >
>>>> > > > "Torch used in Morse code rescue.
>>>> >
>>>> > > > Coastguards in Hampshire have rescued a sailor who used his
>>>> torch to
>>>> > > > flash an SOS message in Morse code."
>>>> > > >
>>>> > > > Ian.
>>>> > >
>>>> > > Boy, Lenny Anderson is going to be pissed. That's not the sort
>>>> > > of CW news he likes to hear. Lucky for the sailor there was
>>>> > > still someone out there that knew code.
>>>> > >
>>>> > > SC
>>>> >
>>>> > Is it still Morse Code if the speed is measured in words per hour?
>>>> >
>>>> > Imagine lighting and extinguishing a torch to send SOS.
>>>>
>>>> In the UK, one of the common meanings of "torch" is what Americans call
>>>> a "flashlight".
>>>

>>>
>>> I guess that's the difference between Homo Sapiens and Neanderthals.
>>>
>>>> > Bring your
>>>> > lunch and fire extinguisher.
>>>>
>>>> This may explain your confusion:
>>>
>>>
>>> I happen to know the difference between flashlights and torches.
>>> Cavemen carry torches.
>>>
>>
>> Oops! I didn't spot that problem. I should realised that 'torch' would
>> cause confusion among you benighted Merkins. Being British, but having a
>> Merkin daughter-in-law, I am reasonably bilingual these days. It's very
>> interesting how the English language has diverged. However, be assured
>> that, in the UK, we have progressed to using flashlights and torches
>> interchangeably these days.
>> Ian.
>Ian;
>
>Remember what that great American statesmen Winston Churchill once
>said" We are one people divided by a common language".
BUZZ that was Bernard Shaw that wrote that bit
>
>Dave N grandson of a Brit and a Scot
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1225. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 17:45:23 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <T6O_g.22817$7I1.4377@newssvr27.news.prodigy.net>
Source record: 50699
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

Ian White GM3SEK wrote:
> Across the whole 1-30MHz band, the bunched choke behaves as an almost
> perfect L-C circuit, free from any unwanted resonances.

One additional point. If the above were true, as the
frequency is increased, the phase angle of the coiled
choke impedance would drop from ~90 degrees to zero at
the self-resonant frequency, and then rise back to ~-90
degrees and stay there. But that's not what happens.

In every single case, the phase angle rises toward -90
degrees *and then decreases* as the 1/2WL self-resonance
point is approached. That is a clear indication of transmission
line effects. A lumped circuit simply doesn't act that way.
--
73, Cecil http://www.w5dxp.com

1226. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 18:23:50 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <K9OdnYVedO2oKqbYnZ2dnUVZ_oOdnZ2d@comcast.com>
Source record: 50700
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

What lie??

No-coders are missing a major portion of the HR experience. That is NOT a lie!
It is a fact.

Example: you can call yourself a marine two days after enlistment. But, you
become a Marine after completion of basic training! The commitment to success
through a period of trial and learning makes the Marine not the uniform.

No-coders have enlisted in the hobby. But, ...

Mark@kb9rqz.ars wrote:

> On Sun, 22 Oct 2006 08:47:14 -0400, "Dee Flint"
> <deeflint01@comcast.net> wrote:
>
>
>>"Opus-" <jbuchy@shaw.ca> wrote in message
>>news:f88mj25h232km6eil2s69jbs1j8m1htgmq@4ax.com...
>>
>>[snip]
>>
>>
>>>Sorry, but I can say for an absolute fact that your 're wrong. It had
>>>kept me out of ham radio and I know exactly what kind of person that I
>>>am. And before the obligatory "lazy" word is trotted out, I have to
>>>work for the pay cheque that buys the radio, pays the rent for the
>>>building that the radio is in and pays for the tower that is in the
>>>back yard. I have to work extra to pay MORE for a place where I am
>>>allowed a tower, as opposed to less expensive digs.
>>>
>>>Honestly, I can't believe how some pro-coders look down on no-coders
>>>with such contempt. I was once a member of a "live steam" model
>>>railroad club. These were larger model steam trains that ran with real
>>>steam instead of electric power. They could be run with either propane
>>>or coal, depending on the individual. The guys who built their
>>>locomotives from scratch NEVER looked down on the guys who bought
>>>theirs from a classified ad. The guys burning coal did NOT call the
>>>propane guys "lazy". We all enjoyed a fine hobby and club meetings
>>>were always good fun and most informative. It was great for a
>>>mechanic, like myself, to rub shoulders with experienced retired
>>>machinists who built these locomotives. At one of our "open houses",
>>>which were located outdoors at the club track, my daughter took her
>>>first steps.
>>>

>>>Isn't ham radio supposed to be like that? Is there no camaraderie?
>>
>>Yes ham radio is supposed to be camaraderie. People are supposed to help
>>each other. The divisiveness stems from the fact that too many no-coders
>>appear to want to change the requirements with no knowledge, experience, or
>>understanding of the requirements.
>
> back to lying about the motives and knowledge of the NoCoders again
> DEE
> http://kb9rqz.blogspot.com/
>

1227. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 18:32:06 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1161541926.043189.256600@e3g2000cwe.googlegroups.com>
Source record: 50701
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Dave wrote:
> What lie??
>
> No-coders are missing a major portion of the HR experience. That is NOT a lie!
> It is a fact.

have you done EME or FS-ATV? or used ham radio ofor RC or enaged in
metor scater contacts

OTOH you are lying

all Nocode test persons don't use code is imlied by your statement.
Indeed I one of the stauchest nocoders have explored it. I am missing
nothing it is like the compliants I heard in my youth about membrane
keyboards it was said that you can't toauch type with em, well that
only apllies if you can touch type in the first place

1228. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 18:33:20 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <r6WdnaHWGJ7yJKbYnZ2dnUVZ_sGdnZ2d@comcast.com>
Source record: 50702
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Mark@kb9rqz.ars wrote:

SNIPPED

> bullshit Maxwell equations are the true basis of Radio
> http://kb9rqz.blogspot.com/
>

Ignoring the profanity [when profanity surfaces in a discussion it is evidence that you are losing the argument], Maxwell's Equations are first of all NOT Maxwell's equations. They are Heaviside's Equations [go do a rigorous check].

Secondly, the equations describe physics, not operating practice.

Thirdly, the equations and their understanding are not requirements for a license. Most hams cannot perform the vector calculus or solve the second order differential equations necessary to solve those equations [Many professional broadcast engineers probably can't solve them either]. After 40+ years from my EE degree I know I can't solve them without some refresher math courses.

Finally, increasing one's personal skills in the radio communications art and technique for personal improvement, not $ gain, is the requirement for a ham license, at least here in the USA.

Increasing personal skills ... does not mean becoming an appliance operator.

1229. Re: Long boom Vs Stacked elements

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 18:33:43 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <PQO_g.293$lz4.213@newsfe08.lga>
Source record: 50703

Jus' wonder.
Does Art read what he writes, after he writes it and does he understand what he wrote? Or are those just fragments of his elaborate train of thought making it onto the I-waves and puzzling the rest of us dummies?
Snip shield on!

Here is the challenge for the antenna designer:
Design antenna that on transmit will radiate with some 15 dB gain in all directions and on receive be capable of sharp beam control in H and V planes, infinite F/b and F/rest of course.

Yuri, K3BU

"Richard Clark" <kb7qhc@comcast.net> wrote in message news:564mj2l7unfpc2efupv4ptgrgj4paspm9t@4ax.com...
> On 21 Oct 2006 19:44:50 -0700, "art" <aunwin@insightbb.com> wrote:
>
> Well, basically nothing. So, at the expense of bandwidth let's run
> that list once again:
>
> Hi Art,
>
> To date, EVERY posting that you've made in several weeks has missed
> 100% of the following:
> 1. What frequency?
> 2. What design style?
> 3. What gain?
> 4. What f/b?
> 5. What f/s?
> 6. What feedpoint impedance?
> 7. What bandwidth?
> 8. What height?
> 9. What optimum launch angle?
> 10. How many elements?
> 11. What spacings?
> 12. What lengths?
> 13. What orientations?
> 14. What method of feed?
> 15. What forms of loading?
>
> Issues 1,3,4,5,6,7,8,9,10,11,and 12 all require numeric responses.
> Issues 2,13,14, and 15 demand ordinary mechanical descriptions of
> conventional devices.
>
> If the numbers and ordinary mechanical descriptions do not bear out

> anything remarkable, you can be sure this will be a short thread. It's
> that simple.
>
> 73's
> Richard Clark, KB7QHC

1230. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 18:34:55 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <r6WdnaDWGJ5TJKbYnZ2dnUVZ_sGdnZ2d@comcast.com>
Source record: 50704
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

David G. Nagel wrote:

SNIPPED
>
> Remember what that great American statesmen Winston Churchill once
> said" We are one people divided by a common language".
>
> Dave N grandson of a Brit and a Scot

A M E R I C A N S T A T E S M A N ??????????????????????

1231. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 18:38:01 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1161542281.049864.244960@k70g2000cwa.googlegroups.com>
Source record: 50705
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Dave wrote:
> Mark@kb9rqz.ars wrote:
>
> SNIPPED
>
> > bullshit Maxwell equations are the true basis of Radio
> > http://kb9rqz.blogspot.com/
> >
>
> Ignoring the profanity [when profanity surfaces in a discussion it is evidence
> that you are losing the argument], Maxwell's Equations are first of all NOT
> Maxwell's equations. They are Heaviside's Equations [go do a rigorous check].
nope he lost any credit years ago

and Bullshit is not profanity is is vulagrity and the spellcop has lost
befor e he starts

1232. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 18:39:29 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1161542369.890195.249060@k70g2000cwa.googlegroups.com>
Source record: 50706
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Dave wrote:
> Mark@kb9rqz.ars wrote:
>
> SNIPPED

> Thirdly, the equations and their understanding are not requirements for a
> license.
never said they were

1233. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 18:41:24 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1161542484.117763.257030@b28g2000cwb.googlegroups.com>
Source record: 50707
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Dave wrote:
> Mark@kb9rqz.ars wrote:
>

> Finally, increasing one's personal skills in the radio communications art and
> technique for personal improvement, not $ gain, is the requirement for a ham
> license, at least here in the USA.

no it is gaol not a requirement but Morse Code in no way advances the
radio anymore that went out decades ago

I have seen 3 point and 3 lies from you on my posts today other than
making a another decent about churchill your fact seems to be off at
best

1234. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 18:51:16 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12jnfd4qmqjasfb@corp.supernews.com>
Source record: 50708
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Mark@kb9rqz.ars wrote:

> On Sun, 22 Oct 2006 08:57:45 -0400, "Dee Flint"
> <deeflint01@comcast.net> wrote:
>
>
>>"Scott" <acepilot@bloomer.net> wrote in message
>>news:uLWdnQPAQv_x9abYnZ2dnUVZ_v2dnZ2d@bright.net...
>>
>>>I haven't really been following this thread, so I'll assume it originated
>>>by someone who thinks the code requirement (here in the USA) should be
>>>removed from the license requirements. Personally, I don't think it needs
>>>to be removed because with a little practice, anyone can do 5 WPM. In fact,
>>>I recall a young man of about 5 years old getting his license many years
>>>ago...it used to be written up in one of the chapters of the ARRL handbook.
>>>If you don't want to learn code, we have the Technician class license for
>>>that. Anyhow, where in the rules does it say a ham is required to know
>>>code to possibly save a life one day? It's just something they came up with
>>>to use in testing for a license.
>>
>>[snip]
>>
>>Personally I happen to believe it should be kept simply because it is one of
>>the basics of ham radio.
>
> bullshit Maxwell equations are the true basis of Radio
> http://kb9rqz.blogspot.com/
>

"BASICS" AND "BASIS" are two different words with different meanings.

Basics include Basis among other topics, while Basis is Basic to any topic.

What is meant here, which you deliberately misunderstand, is that to
obtain the title of "Amateur Radio Operator" you must first understand
"Basic" electronics, Elementary communications "LAW", "Basic" radio
operating procedures, "Basic" radio theory, multiple operating
techniques, including: Voice, Digital, various modes i.e. AM, FM, etc.
Those of us that support the inclusion of a "BASIC" understanding of CW
communications do so because CW is "BASIC" to Amateur Radio
Communications. With out the CW ability you are just a partial HAM. With
the CW ability you have a more rounder understanding of our hobby. There
is no necessity to use CW at anytime in your Amateur Radio lifetime
after you demonstrate the ability to receive 25 letters/numbers/punction

characters within one minute with out error.
One of the reasons that I don't use CW is that years ago when I got my Novice I was in a QSO with a station and it took me atleast 5 minutes to correctly "HEAR" his call sign. I kept running the letters together. So much for my CW ability. I did , however, pass the Element 1 CW test twice. Once for my novice and once when I went for Tech before I got my Novice ticket. This was taken at the FCC examination site.

Remember your opinions are just as valuable as mine and are of equal status no matter what you may think of mine.

Dave WD9BDZ

1235. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 19:16:56 UTC
From: Mark@kb9rqz.ars
Message-ID: <krgnj2l0clqqt6k60goullu2ehb7jcou1u@4ax.com>
Source record: 50710
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 22 Oct 2006 14:54:16 -0500, "Not Lloyd" <anon@anon> wrote:

>

>Hey, Lone Ranger. I'm up on 20 meters right now. Care to join me? Oh, wait.
>You can't.

and you just serve up proof that code keep good people out and lets
the trash in

you can't even proeprly format a USENET posting
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1236. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 19:28:12 UTC
From: nm5k@wt.net
Message-ID: <1161545292.898004.119840@e3g2000cwe.googlegroups.com>
Source record: 50711
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

Cecil Moore wrote:
> David G. Nagel wrote:
> > Your best choke is about 30 feet of coax rolled up into a 12" coil.
>
> Seems to me, the best choke(s) would be two chokes, one designed
> for 75m-15m and the other designed for 12m-2m. I cannot bring
> myself to believe that a coiled up piece of coax could ever be
> an effective choke over a 40:1 frequency range.
> --
> 73, Cecil http://www.w5dxp.com

Why worry about VHF though? Most people wouldn't want to use
their HF wire for VHF. Or at least, I wouldn't. I always use other
antennas for those bands. Seems to me, if you were to use two
chokes, one for 160-40, or 80-30, and one for 20-10 would be more
practical. A good choke for 20-10 "tribander", is 8 turns of RG8 wound
on a 6 inch form. There is no real need to wind in an orderly military
manner,
although some do. I often just throw them together liking rolling up a
rope,
and they work fine. I had to place a small choke on my mobile for 2m.
I kept having problems tuning a 5/8 wave 2m whip I made a few weeks
ago.
Tried trimming, adjusting the coil, etc. No joy. Came to the conclusion

common mode currents were causing me grief, and this is using a hole
mount drilled in the trunk lid. I usually don't have problems with
those..
I wound a small coil from rg-58, maybe 4-5 turns on a small appx 2 inch
dia,
and all my problems were gone.
A coax choke will need to be pretty small to work well on VHF.
I don't really see one made to work the upper HF bands as being very
good. So, in designing one for upper HF, I'd use 30 mhz as the upper
limit. I've got some info somewhere, maybe in the ARRL ant book that
gives appx dimensions for chokes at various frequencies. 30 ft of coax
wound on a 12 inch from would more likely suit the lower bands more
than
the upper HF bands. So I'd use a 8 turn, six inch dia choke for 20-10,
and whatever choke for the low bands. I'd leave VHF out of it, being
most
HF wire antennas are fairly lame for VHF. Heck, on my 706mk2g, using an
HF wire antenna is inviting lots of image problems for receive when
using

6 meters. 2 meters, I use ground planes, yagi's, etc.. I use a 3 el
yagi on
6m.
MK

1237. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 19:47:47 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12jnin4edipmle0@corp.supernews.com>
Source record: 50712
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Dave wrote:

> David G. Nagel wrote:
>
> SNIPPED
>
>>
>> Remember what that great American statesmen Winston Churchill once
>> said" We are one people divided by a common language".
>>
>> Dave N grandson of a Brit and a Scot
>
>
>
> A M E R I C A N S T A T E S M A N ??????????????????????
>

Well, he did do his statesmanship in Great Britain but he was the First and so far only "Honorary American Citizen".

See Wikipedia. Appropriate extract: In 1963 U.S. President John F. Kennedy acting under authorization granted by an Act of Congress, proclaimed Churchill the first Honorary Citizen of the United States. Churchill was too ill to attend the White House ceremony, so his son and grandson accepted the award for him.

Besides his mother was an American Citizen conferring upon Winnie eligibility for his own status of "American Citizen" should he have chosen to exercise it.

Dave N.

1238. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 19:51:06 UTC
From: Mark@kb9rqz.ars
Message-ID: <ssinj2ti3krgspl5je09hjvjn7h2niso3i@4ax.com>
Source record: 50713
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Sun, 22 Oct 2006 14:47:47 -0500, "David G. Nagel" <nagel@core.com>
wrote:

>Dave wrote:
>
>> David G. Nagel wrote:
>>
>> SNIPPED
>>
>>>
>>> Remember what that great American statesmen Winston Churchill once
>>> said" We are one people divided by a common language".
>>>
>>> Dave N grandson of a Brit and a Scot
>>
>>
>>
>> A M E R I C A N S T A T E S M A N ??????????????????????
>>
>
>
>Well, he did do his statesmanship in Great Britain but he was the First
>and so far only "Honorary American Citizen".
>
well that is a nice comeback
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1239. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 19:54:16 UTC
From: Not Lloyd <anon@anon>
Message-ID: <dd476.qf2.17.1@news.alt.net>
Source record: 50709
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"an_old_friend" <konstans@hotmail.com> wrote in message
news:1161541926.043189.256600@e3g2000cwe.googlegroups.com...

Dave wrote:
> What lie??
>
> No-coders are missing a major portion of the HR experience. That is NOT a
lie!
> It is a fact.

have you done EME or FS-ATV? or used ham radio ofor RC or enaged in
metor scater contacts

OTOH you are lying

all Nocode test persons don't use code is imlied by your statement.
Indeed I one of the stauchest nocoders have explored it. I am missing
nothing it is like the compliants I heard in my youth about membrane
keyboards it was said that you can't toauch type with em, well that
only apllies if you can touch type in the first place
...

Hey, Lone Ranger. I'm up on 20 meters right now. Care to join me? Oh, wait.
You can't.
You're too busy making "scater" contacts. I guess you really do talk scat.
Ho hum.

1240. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 19:58:39 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12jnjbid50e7814@corp.supernews.com>
Source record: 50714
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

an_old_friend wrote:

> Dave wrote:
>
>>What lie??
>>
>>No-coders are missing a major portion of the HR experience. That is NOT a lie!
>>It is a fact.
>
>
> have you done EME or FS-ATV? or used ham radio ofor RC or enaged in
> metor scater contacts
>
> OTOH you are lying
>
> all Nocode test persons don't use code is imlied by your statement.
> Indeed I one of the stauchest nocoders have explored it. I am missing
> nothing it is like the compliants I heard in my youth about membrane
> keyboards it was said that you can't toauch type with em, well that
> only apllies if you can touch type in the first place
>

I have not experienced EME or FS-ATV or a great many other areas of amateur radio but I have done CW. I don't do it anymore but I have experienced it. CW is the one mode that can get through under almost any condition. You can (I can't anyway) copy CW in the middle of a thunder storm, using the Aurora as a reflector, using meteor ionization trails as a reflector or just direct point to point contact to accomplish this. Try that with FM, AM, SSB voice or digital.

The problem with this and similar threads is a number of individuals do not feel that they need to learn CW because they don't intend to use it.

A person of "Quality" may never need the proper etiquette to greet the Queen but you had better know how to be considered as such a person.

Dave N. WD9BDZ

1241. Re: Long boom Vs Stacked elements

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 20:00:21 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12jnjeliiapcs6a@corp.supernews.com>
Source record: 50715

Yuri Blanarovich wrote:

> Jus' wonder.
> Does Art read what he writes, after he writes it and does he understand what
> he wrote? Or are those just fragments of his elaborate train of thought
> making it onto the I-waves and puzzling the rest of us dummies?
> Snip shield on!
>
> Here is the challenge for the antenna designer:
> Design antenna that on transmit will radiate with some 15 dB gain in all
> directions and on receive be capable of sharp beam control in H and V
> planes, infinite F/b and F/rest of course.
>

I WANT ONE!!!!!

Dave WD9BDZ

> Yuri, K3BU
>
>
> "Richard Clark" <kb7qhc@comcast.net> wrote in message
> news:564mj2l7unfpc2efupv4ptgrgj4paspm9t@4ax.com...
>
>>On 21 Oct 2006 19:44:50 -0700, "art" <aunwin@insightbb.com> wrote:
>>
>>Well, basically nothing. So, at the expense of bandwidth let's run
>>that list once again:
>>
>>Hi Art,
>>
>>To date, EVERY posting that you've made in several weeks has missed
>>100% of the following:
>>1. What frequency?
>>2. What design style?
>>3. What gain?
>>4. What f/b?
>>5. What f/s?
>>6. What feedpoint impedance?
>>7. What bandwidth?
>>8. What height?
>>9. What optimum launch angle?
>>10. How many elements?
>>11. What spacings?
>>12. What lengths?

>>13. What orientations?
>>14. What method of feed?
>>15. What forms of loading?
>>
>>Issues 1,3,4,5,6,7,8,9,10,11,and 12 all require numeric responses.
>>Issues 2,13,14, and 15 demand ordinary mechanical descriptions of
>>conventional devices.
>>
>>If the numbers and ordinary mechanical descriptions do not bear out
>>anything remarkable, you can be sure this will be a short thread. It's
>>that simple.
>>
>>73's
>>Richard Clark, KB7QHC
>
>
>

1242. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 20:04:41 UTC
From: Mark@kb9rqz.ars
Message-ID: <8ejnj2d582bp1838mbnaoj9dh4b3na0tb9@4ax.com>
Source record: 50716
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 22 Oct 2006 14:58:39 -0500, "David G. Nagel" <nagel@core.com>
wrote:

>an_old_friend wrote:
>
>> Dave wrote:
>>
>>>What lie??
>>>
>>>No-coders are missing a major portion of the HR experience. That is NOT a lie!
>>>It is a fact.
>>
>>
>> have you done EME or FS-ATV? or used ham radio ofor RC or enaged in
>> metor scater contacts
>>
>> OTOH you are lying
>>
>> all Nocode test persons don't use code is imlied by your statement.
>> Indeed I one of the stauchest nocoders have explored it. I am missing
>> nothing it is like the compliants I heard in my youth about membrane
>> keyboards it was said that you can't toauch type with em, well that
>> only apllies if you can touch type in the first place
>>
>
>
>I have not experienced EME or FS-ATV or a great many other areas of
>amateur radio but I have done CW.
then you aremi ssing out when you have stopped then come back and
skold me

> I don't do it anymore but I have
>experienced it. CW is the one mode that can get through under almost any
>condition.
so? why is this such a virtue?
> You can (I can't anyway) copy CW in the middle of a thunder
>storm, using the Aurora as a reflector....
preahps I am being picky but your use of lang is flawed One can or
some can but I certainly CAN"T
>..., using meteor ionization trails
>as a reflector or just direct point to point contact to accomplish this.
>Try that with FM, AM, SSB voice or digital.

I do digital signals off meter trails most days that I operate I have
been there done that got the qsl card

>
>The problem with this and similar threads is a number of individuals do
>not feel that they need to learn CW because they don't intend to use it.

indeed if they simply don't want to use it (in my it is can't use it
or close enough for any reasonable person) why should they have to
learn it
>
>A person of "Quality" may never need the proper etiquette to greet the
>Queen but you had better know how to be considered as such a person.

your point?
>
>Dave N. WD9BDZ
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1243. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 20:04:53 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1161547493.458203.252850@e3g2000cwe.googlegroups.com>
Source record: 50717
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

```
Ian Jackson wrote:
> In message <1161477421.402301.137240@i42g2000cwa.googlegroups.com>,
> hot-ham-and-cheese@hotmail.com writes
> >
> >N2EY@AOL.COM wrote:
> >> hot-ham-and-cheese@hotmail.com wrote:
> >> > Slow Code wrote:
> >> > > Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
> >> > > news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
> >> > >
> >> > > > There was recently a thread here on the subject of whether morse had
> >> > > > saved any lives recently. Well it has in the UK!
> >> > > >
> >> > > > Have a look at
> >> > > > http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
> >> > > >
> >> > > > "Torch used in Morse code rescue.
> >> >
> >> > > > Coastguards in Hampshire have rescued a sailor who used his torch to
> >> > > > flash an SOS message in Morse code."
> >> > > >
> >> > > > Ian.
> >> > >
> >> > > Boy, Lenny Anderson is going to be pissed. That's not the sort
> >> > > of CW news he likes to hear. Lucky for the sailor there was
> >> > > still someone out there that knew code.
> >> > >
> >> > > SC
> >> >
> >> > Is it still Morse Code if the speed is measured in words per hour?
> >> >
> >> > Imagine lighting and extinguishing a torch to send SOS.
> >>
> >> In the UK, one of the common meanings of "torch" is what Americans call
> >> a "flashlight".
> >
> >I guess that's the difference between Homo Sapiens and Neanderthals.
> >
> >> > Bring your
> >> > lunch and fire extinguisher.
> >>
> >> This may explain your confusion:
> >
```

> >I happen to know the difference between flashlights and torches.
> >Cavemen carry torches.
>
> Oops! I didn't spot that problem. I should realised that 'torch' would
> cause confusion among you benighted Merkins. Being British, but having a
> Merkin daughter-in-law, I am reasonably bilingual these days. It's very
> interesting how the English language has diverged. However, be assured
> that, in the UK, we have progressed to using flashlights and torches
> interchangeably these days.
> Ian.

Just having a little fun with a people divided by a common language.

1244. HF LPF at antenna balun

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 20:21:07 UTC
From: yea right <spam@spam.spam>
Message-ID: <pan.2006.10.22.20.21.05.593985@spam.spam>
Source record: 50718

I would like to add a simple lowpass filter to a T2FD antenna I have. My QTH is about a mile from several FM and TV xmitters and I'd like to scrub them off before they even hit the 9:1 balun while in the 490ohm balanced domain using a simple filter. (like two coils and two caps)

Anybody have a link to make the calculations of the components?

Is there a better way?

1245. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 20:40:37 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <5jknj21cb8mmui9dj16v0hegbrvh9haq8i@4ax.com>
Source record: 50719

On Sun, 22 Oct 2006 18:01:24 +0100, Ian White GM3SEK
<gm3sek@ifwtech.co.uk> wrote:

>Cable is much less expensive over here than large ferrite beads imported
>from the USA; hence my interest in the coiled cable chokes.

The cost of cores from imported from the US in Australia is also very
high.

For those in Australia interested in W2DU style baluns, I roughly
measured the impedance of an inexpensive core from Jaycar using a
Mighty Fine Junk 259B and plotted the results at
http://www.vk1od.net/balun/index.htm . Less than A$20 is probably
sufficient for an adequate balun for 80m to 10m.... depending...

My own view is that the number of cores required for a W2DU style
balun is unrelated to the characteristic impedance (inner to outer
conductor) of the coax as is commonly held, but that the number of
cores / effectiveness varies with location on the feedline and is
highly dependent on the scenario (frequency, topology etc) and the
optimum solution may required more than a single choke.

Ian, perhaps low cost suppression cores are also available directly in
your country, candidates for measurement and reporting!

Owen

PS Interesting plots, better presentation isn't it, the Y axis label
on your phase graph needs a fix.
--

1246. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 21:27:43 UTC
From: Opus- <jbuchy@shaw.ca>
Message-ID: <06onj218q30flpvmfpqlnapnv718i9jqvu@4ax.com>
Source record: 50720
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 22 Oct 2006 14:23:50 -0400, Dave <W1MCE@comcast.net> spake
thusly:

>What lie??

It's not a lie that code has kept good people out of ham radio.

>No-coders are missing a major portion of the HR experience. That is NOT a lie!
>It is a fact.

It's too easy to find hams that know code, used code and hated it.

>Example: you can call yourself a marine two days after enlistment. But, you
>become a Marine after completion of basic training! The commitment to success
>through a period of trial and learning makes the Marine not the uniform.

Poor analogy. The Marines NEED harsh training to be able to do their
difficult jobs properly as lives and the nation depend on them. The
training is not a test of commitment, it is a harsh reality.
Ham radio is just a hobby.

>No-coders have enlisted in the hobby. But, ...

Did you not read my last post? It's right below. The guys who built
their own locomotives did NOT go up to the guys who bought theirs and
say "You are not a real model steam train operator!!!"

It's just a hobby.

>Mark@kb9rqz.ars wrote:
>
>> On Sun, 22 Oct 2006 08:47:14 -0400, "Dee Flint"
>> <deeflint01@comcast.net> wrote:
>>
>>
>>>"Opus-" <jbuchy@shaw.ca> wrote in message
>>>news:f88mj25h232km6eil2s69jbs1j8m1htgmq@4ax.com...
>>>
>>>[snip]
>>>
>>>
>>>>Sorry, but I can say for an absolute fact that your 're wrong. It had
>>>>kept me out of ham radio and I know exactly what kind of person that I
>>>>am. And before the obligatory "lazy" word is trotted out, I have to
>>>>work for the pay cheque that buys the radio, pays the rent for the
>>>>building that the radio is in and pays for the tower that is in the

>>>>back yard. I have to work extra to pay MORE for a place where I am
>>>>allowed a tower, as opposed to less expensive digs.
>>>>
>>>>Honestly, I can't believe how some pro-coders look down on no-coders
>>>>with such contempt. I was once a member of a "live steam" model
>>>>railroad club. These were larger model steam trains that ran with real
>>>>steam instead of electric power. They could be run with either propane
>>>>or coal, depending on the individual. The guys who built their
>>>>locomotives from scratch NEVER looked down on the guys who bought
>>>>theirs from a classified ad. The guys burning coal did NOT call the
>>>>propane guys "lazy". We all enjoyed a fine hobby and club meetings
>>>>were always good fun and most informative. It was great for a
>>>>mechanic, like myself, to rub shoulders with experienced retired
>>>>machinists who built these locomotives. At one of our "open houses",
>>>>which were located outdoors at the club track, my daughter took her
>>>>first steps.
>>>>
>>>>Isn't ham radio supposed to be like that? Is there no camaraderie?
>>>
>>>Yes ham radio is supposed to be camaraderie. People are supposed to help
>>>each other. The divisiveness stems from the fact that too many no-coders
>>>appear to want to change the requirements with no knowledge, experience, or
>>>understanding of the requirements.
>>
>> back to lying about the motives and knowledge of the NoCoders again
>> DEE
>> http://kb9rqz.blogspot.com/
>>

1247. Lloyd Davies NOVFP brags about being a bootlegger no code on 20 meters

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 21:30:27 UTC
From: Lloyd Davies Slappa <LDS@nomail.invalid>
Message-ID: <ehgntl$o5m$1@news.albasani.net>
Source record: 50721
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Lloyd Davies NOVFP posing as"Not Lloyd" <anon@anon> wrote in message
news:dd476.qf2.17.1@news.alt.net...
> Hey, Lone Ranger. I'm up on 20 meters right now. Care to join me? Oh,
> wait.
> You can't.
>
You can't either, legally, lardass lloyd-tard.

http://i14.tinypic.com/2iqgw3p.jpg

1248. id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 21:35:14 UTC
From: Mark@kb9rqz.ars
Message-ID: <dvonj2p3idn1utu6874kdqmfv4e2lrqm6e@4ax.com>
Source record: 50722
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 22 Oct 2006 17:30:27 -0400, "Lloyd Davies Slappa"
<LDS@nomail.invalid> wrote:

>
and remains one no matter whose id is being stolen
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1249. Mark Morgan is a retard

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 21:39:58 UTC
From: Lloyd Davies Slappa <LDS@nomail.invalid>
Message-ID: <ehgofg$oo6$1@news.albasani.net>
Source record: 50723
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

<Mark@kb9rqz.ars> wrote in message
news:dvonj2p3idn1utu6874kdqmfv4e2lrqm6e@4ax.com...
> On Sun, 22 Oct 2006 17:30:27 -0400, "Lloyd Davies Slappa"
> <LDS@nomail.invalid> wrote:
>
>>
> and remains one no matter whose id is being stolen
> http://kb9rqz.blogspot.com/
>
Get back to being led around by Lloyd Davies, you clueless retard. You have
to be the easiest play on the net.

1250. id theft is crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 21:43:32 UTC
From: Mark@kb9rqz.ars
Message-ID: <bfpnj2tu3g3a6iuk3qu48v0o7qhrr0d82r@4ax.com>
Source record: 50724
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 22 Oct 2006 17:39:58 -0400, "Lloyd Davies Slappa"
<LDS@nomail.invalid> wrote:

>
><Mark@kb9rqz.ars> wrote in message
>news:dvonj2p3idn1utu6874kdqmfv4e2lrqm6e@4ax.com...
>
and remains one no matter whose id is being stolen
>> http://kb9rqz.blogspot.com/

http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1251. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 21:45:52 UTC
From: Opus- <jbuchy@shaw.ca>
Message-ID: <m9pnj2h8k815lc7eiaad651riqnjnot6vo@4ax.com>
Source record: 50725
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 22 Oct 2006 08:47:14 -0400, "Dee Flint"
<deeflint01@comcast.net> spake thusly:

>
>"Opus-" <jbuchy@shaw.ca> wrote in message
>news:f88mj25h232km6eil2s69jbs1j8m1htgmq@4ax.com...
>
>[snip]
>
>> Sorry, but I can say for an absolute fact that your 're wrong. It had
>> kept me out of ham radio and I know exactly what kind of person that I
>> am. And before the obligatory "lazy" word is trotted out, I have to
>> work for the pay cheque that buys the radio, pays the rent for the
>> building that the radio is in and pays for the tower that is in the
>> back yard. I have to work extra to pay MORE for a place where I am
>> allowed a tower, as opposed to less expensive digs.
>>
>> Honestly, I can't believe how some pro-coders look down on no-coders
>> with such contempt. I was once a member of a "live steam" model
>> railroad club. These were larger model steam trains that ran with real
>> steam instead of electric power. They could be run with either propane
>> or coal, depending on the individual. The guys who built their
>> locomotives from scratch NEVER looked down on the guys who bought
>> theirs from a classified ad. The guys burning coal did NOT call the
>> propane guys "lazy". We all enjoyed a fine hobby and club meetings
>> were always good fun and most informative. It was great for a
>> mechanic, like myself, to rub shoulders with experienced retired
>> machinists who built these locomotives. At one of our "open houses",
>> which were located outdoors at the club track, my daughter took her
>> first steps.
>>
>> Isn't ham radio supposed to be like that? Is there no camaraderie?
>
>Yes ham radio is supposed to be camaraderie. People are supposed to help
>each other. The divisiveness stems from the fact that too many no-coders
>appear to want to change the requirements with no knowledge, experience, or
>understanding of the requirements. In addition, most of us have experienced
>people who said they could not learn code but upon questioning find that
>they did not use a good training method and did not train correctly. Yet
>when they decided they were tired of waiting did learn it and got their
>upgrade. Then finding out how useful it was in ham pursuits were glad that
>they had done it.

That does NOT justify the snot-nosed attitude.

>So far of each of the reasons that people put forth as to why they can't
>learn it have been disproven by the example of other people with the same
>problem having gone ahead and done it. The 5wpm level is obtainable
>although some of the problem do make faster speeds a problem (constant
>tinnitus may be a severe problem at 20 wpm for example). My ex-OM had 70%
>hearing loss in both ears and severe tinnitus. He passed the 5wpm. I know
>people with dyslexia who have passed. The blind have passed. Even the deaf
>have passed using flashing lights or vibrating pads.

Bravo for them. But that does not explain why some pro-coders are such
snot-rags.

>Do you have competitions in your model railroading activity? If you enter
>that competition, you all have to follow the published rules with no
>exceptions. If it is a competition for the "homebrewers", then those who
>don't do so can enjoy viewing them but they cannot enter into the
>competition.

No competitions, just a bunch of guys who like live steam model
trains. The club did not exist for that.

1252. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 21:56:55 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <HOR_g.15220$GR.6184@newssvr29.news.prodigy.net>
Source record: 50626
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

nm5k@wt.net wrote:
> Why worry about VHF though?

Because MFJ advertises 2m operation with the
recommended coil of coax?
--
73, Cecil http://www.w5dxp.com

1253. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 22:16:54 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12jnrelt7us2652@corp.supernews.com>
Source record: 50627
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

an_old_friend wrote:
> Dave wrote:
>
>>Mark@kb9rqz.ars wrote:
>>
>>SNIPPED
>>
>>
>>>bullshit Maxwell equations are the true basis of Radio
>>>http://kb9rqz.blogspot.com/
>>>
>>
>>Ignoring the profanity [when profanity surfaces in a discussion it is evidence
>>that you are losing the argument], Maxwell's Equations are first of all NOT
>>Maxwell's equations. They are Heaviside's Equations [go do a rigorous check].
>
> nope he lost any credit years ago
>
> and Bullshit is not profanity is is vulagrity and the spellcop has lost
> befor e he starts
>

It doesn't matter which. It's use indicated an inability to express ones
self in an informed and educated manner. Such use is generally
indicative of losing ones side of the argument.

a different Dave

1254. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 22:20:36 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12jnrlks567m413@corp.supernews.com>
Source record: 50628
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Mark@kb9rqz.ars wrote:

> On Sun, 22 Oct 2006 14:47:47 -0500, "David G. Nagel" <nagel@core.com>
> wrote:
>
>
>>Dave wrote:
>>
>>
>>>>David G. Nagel wrote:
>>>
>>>SNIPPED
>>>
>>>
>>>>>>Remember what that great American statesmen Winston Churchill once
>>>>>>said" We are one people divided by a common language".
>>>>>
>>>>>Dave N grandson of a Brit and a Scot
>>>
>>>
>>>
>>>A M E R I C A N S T A T E S M A N ??????????????????????
>>>
>>>>
>>>>
>>Well, he did do his statesmanship in Great Britain but he was the First
>>and so far only "Honorary American Citizen".
>>
>>
> well that is a nice comeback
> http://kb9rqz.blogspot.com/
>

Thank you.

BTW it seems that I have been wrong on the attribution of the
observation. Someone else pointed out the another great person made the
comment not Churchill. At least I can't find where Churchill may have
made it.

My apologies for the error but the sentiment still stands.

Dave N

1255. Re; Mark Morgan is a retard

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 22:23:04 UTC
From: Mark@kb9rqz.net
Message-ID: <754gi2tmfvtrol85pqfj3j4ufiglskackj9@4ax.com>
Source record: 50629
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 22 Oct 2006 17:39:58 -0400, Lloyd Davies Slappa wrote:
>
> <Mark@kb9rqz.ars> wrote in message
> news:dvonj2p3idn1utu6874kdqmfv4e2lrqm6e@4ax.com...
> > On Sun, 22 Oct 2006 17:30:27 -0400, "Lloyd Davies Slappa"
> > <LDS@nomail.invalid> wrote:
> >
> >>
> > and remains one no matter whose id is being stolen
> > http://kb9rqz.blogspot.com/
> >
> Get back to being led around by Lloyd Davies, you clueless retard. You have
> to be the easiest play on the net.
you need to have llyod kikc you ass you stpuid scak of shit.

http://kb9rqz.blogspot.com/

1256. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 22:23:53 UTC
From: Mark@kb9rqz.ars
Message-ID: <oqrnj29rcd1oqo55ctrcrjhe77l80h0cgs@4ax.com>
Source record: 50630
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Sun, 22 Oct 2006 17:16:54 -0500, "David G. Nagel" <nagel@core.com>
wrote:

>an_old_friend wrote:
>> Dave wrote:
>>
>>>Mark@kb9rqz.ars wrote:
>>>
>>>SNIPPED
>>>
>>>
>>>>bullshit Maxwell equations are the true basis of Radio
>>>>http://kb9rqz.blogspot.com/
>>>>
>>>
>>>Ignoring the profanity [when profanity surfaces in a discussion it is evidence
>>>that you are losing the argument], Maxwell's Equations are first of all NOT
>>>Maxwell's equations. They are Heaviside's Equations [go do a rigorous check].
>>
>> nope he lost any credit years ago
>>
>> and Bullshit is not profanity is is vulagrity and the spellcop has lost
>> befor e he starts
>>
>
>
>It doesn't matter which.
it certainly the inablity to accurately coment on the usage is sign of
a lack of something in the one who has the failing
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1257. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 22:25:21 UTC
From: Mark@kb9rqz.ars
Message-ID: <dsrnj2duup49tmd63l2eroadam24qb3t3r@4ax.com>
Source record: 50631
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Sun, 22 Oct 2006 17:20:36 -0500, "David G. Nagel" <nagel@core.com>
wrote:

>Mark@kb9rqz.ars wrote:
>
>> On Sun, 22 Oct 2006 14:47:47 -0500, "David G. Nagel" <nagel@core.com>
>> wrote:
>>
>>
>>>Dave wrote:
>>>
>>>
>>>>David G. Nagel wrote:
>>>>
>>>>SNIPPED
>>>>
>>>>
>>>>>Remember what that great American statesmen Winston Churchill once
>>>>>said" We are one people divided by a common language".
>>>>>
>>>>>Dave N grandson of a Brit and a Scot
>>>>
>>>>
>>>>
>>>>A M E R I C A N S T A T E S M A N ??????????????????????
>>>>
>>>>>
>>>>>
>>>>>Well, he did do his statesmanship in Great Britain but he was the First
>>>>>and so far only "Honorary American Citizen".
>>>>>
>>>>
>>>> well that is a nice comeback
>>>> http://kb9rqz.blogspot.com/
>>>>
>>>
>>>
>>Thank you.
>
>BTW it seems that I have been wrong on the attribution of the
>observation. Someone else pointed out the another great person made the
>comment not Churchill. At least I can't find where Churchill may have
>made it.

Beanard Shaw a leftw ing from england I believe I know Patton quote
him at hsi fmaous speech where he left the russains out of the list of
powers that would rule the post war world
>
>My apologies for the error but the sentiment still stands.
>
>Dave N
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1258. Re: Re; Mark Morgan is a retard

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 22:29:32 UTC
From: Lloyd Davies Slappa <LDS@nomail.invalid>
Message-ID: <ehgrce$sj5$1@news.albasani.net>
Source record: 50632
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

>Lardass Davies posing as kb9rqz
>wrote:news:754gi2tmfvtrol85pqfj3j4ufiglskackj9@4ax.com...
>
>> you need to have llyod kikc you ass you stpuid scak of shit.
>
Hi lardass NOVFP

http://i13.tinypic.com/29xhqoo.jpg

1259. id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 22:31:20 UTC
From: Mark@kb9rqz.ars
Message-ID: <29snj2lqimf9r911kdl32kmft03p20vvhp@4ax.com>
Source record: 50633
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Mon, 23 Oct 2006 00:23:04 +0200 (CEST), Mark@kb9rqz.net
(Mark@kb9rqz.net) wrote:

>

and remains one no matter whose id is being stolen

http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1260. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 22:48:21 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <otEtqzJ1U$OFFAZv@ifwtech.co.uk>
Source record: 50634
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

Cecil Moore wrote:
>Ian White GM3SEK wrote:

[Snip]

Only one part of that posting grabbed my attention:

>
>> beaded 6 36 6.0
>
>Beaded isn't a coil so doesn't count.
>

The word "beaded" did not exist in my original posting... but there it is in Cecil's reply, complete with the double >> that attributes it to me, so that Cecil can knock the straw-man down.

--
73 from Ian GM3SEK 'In Practice' columnist for RadCom (RSGB)
http://www.ifwtech.co.uk/g3sek

1261. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 22:56:04 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <98Y4uEMEc$OFFAa8@ifwtech.co.uk>
Source record: 50635
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

Cecil Moore wrote:
>Ian White GM3SEK wrote:
>> Across the whole 1-30MHz band, the bunched choke behaves as an almost
>> perfect L-C circuit, free from any unwanted resonances.
>
>One additional point. If the above were true, as the
>frequency is increased, the phase angle of the coiled
>choke impedance would drop from ~90 degrees to zero at
>the self-resonant frequency, and then rise back to ~-90
>degrees and stay there. But that's not what happens.
>
>In every single case, the phase angle rises toward -90
>degrees *and then decreases* as the 1/2WL self-resonance
>point is approached. That is a clear indication of transmission
>line effects. A lumped circuit simply doesn't act that way.

The spreadsheet at
http://www.ifwtech.co.uk/g3sek/misc/chokes.xls
now includes graphs of the phase information for all the chokes.

[Thank you, Owen - the phase axis label is now fixed .
For anyone interested who doesn't have Excel, Microsoft's free Excel
file viewer is at http://tinyurl.com/cup85]

Coming all the way back to the original question, the data confirms that even though it may look like something held together with duct tape, a coiled coax choke can be an excellent single-band solution. At its parallel self-resonant frequency, it will have a much higher common-mode impedance than a generic string of ferrite beads. It can probably outperform or at least equal a ferrite choke over two or possibly three adjacent HF bands; but being a resonant device, it cannot deliver extreme broadband performance.

In the chokes we're looking at, the low-impedance series resonances of which Cecil complains do not occur below 30MHz. Those resonances exist, but not on the HF frequencies where the chokes would actually be used.

Within the practical working frequency range of all of these coiled-coax chokes, the performance can be accurately described as that of a simple parallel tuned LC circuit, which displays no transmission-line behaviour whatever. Cecil complains that
>One might say it is misbehaving and is a very poor design.
>
That sounds to me like the complaint of someone who has a pet theory to hammer, and is disappointed when he can't find a nail.

I think that's it, really. The graphs themselves say the rest.

--
73 from Ian GM3SEK 'In Practice' columnist for RadCom (RSGB)
http://www.ifwtech.co.uk/g3sek

1262. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 23:24:33 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <s8vnj2tbni389d1qk1jt2v7gtk0vhe2ph5@4ax.com>
Source record: 50636
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

On Sun, 22 Oct 2006 23:56:04 +0100, Ian White GM3SEK
<gm3sek@ifwtech.co.uk> wrote:

>[Thank you, Owen - the phase axis label is now fixed .
>For anyone interested who doesn't have Excel, Microsoft's free Excel
>file viewer is at http://tinyurl.com/cup85]

Hi Owen,

It is far easier to simply use OpenOffice which is an executable that
will translate to/from Windows Office (any spread sheet, document,
presentation, drawing...). The Open Document format is the mandated
standard of the European Community, if I recall correctly.

73's
Richard Clark, KB7QHC

1263. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 23:27:08 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <kgvnj2hjuagd7g8f4pssrj8jdfpp7ej4rp@4ax.com>
Source record: 50637
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

On Sun, 22 Oct 2006 16:24:33 -0700, Richard Clark <kb7qhc@comcast.net>
wrote:

>Hi Owen,

Sorry Ian, wrong side of the continental divide here.

1264. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-22 23:39:23 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <LiT_g.11061$Lv3.10086@newsread1.news.pas.earthlink.net>
Source record: 50638
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Opus- <jbuchy@shaw.ca> wrote in
news:06onj218q30flpvmfpqlnapnv718i9jqvu@4ax.com:

> On Sun, 22 Oct 2006 14:23:50 -0400, Dave <W1MCE@comcast.net> spake
> thusly:
>
>>What lie??
>
> It's not a lie that code has kept good people out of ham radio.

Whaaaaaaaaa!

SC

1265. why does SC ahte ham radioi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 00:00:00 UTC
From: Mark@kb9rqz.ars
Message-ID: <0f1oj21rrtpfhgf2hfnqdbmt72l2re9ul2@4ax.com>
Source record: 50639
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 22 Oct 2006 23:39:23 GMT, Slow Code <my.mail@no.spam> wrote:

>Opus- <jbuchy@shaw.ca> wrote in
>news:06onj218q30flpvmfpqlnapnv718i9jqvu@4ax.com:
>
>> On Sun, 22 Oct 2006 14:23:50 -0400, Dave <W1MCE@comcast.net> spake
>> thusly:
>>
>>>What lie??
>>
>> It's not a lie that code has kept good people out of ham radio.
>
>
>Whaaaaaaaaa!
there he goes fouling the image some more
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1266. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 00:07:48 UTC
From: kd5sak <kd5sak@sbcglobal.net>
Message-ID: <oJT_g.22919$7I1.6617@newssvr27.news.prodigy.net>
Source record: 50640
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Slow Code" <my.mail@no.spam> wrote in message
news:LiT_g.11061$Lv3.10086@newsread1.news.pas.earthlink.net...
> Opus- <jbuchy@shaw.ca> wrote in
> news:06onj218q30flpvmfpqlnapnv718i9jqvu@4ax.com:
>
>> On Sun, 22 Oct 2006 14:23:50 -0400, Dave <W1MCE@comcast.net> spake
>> thusly:
>>
>>>What lie??
>>
>> It's not a lie that code has kept good people out of ham radio.
>
>
> Whaaaaaaaaa!
>
> SC

It is obvious that it hasn't kept unpleasant people out of Amateur Radio..

Harold
KD5SAK

1267. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 00:12:41 UTC
From: Mark@kb9rqz.ars
Message-ID: <i72oj2d53ujue59sn5be7j65lspps573m0@4ax.com>
Source record: 50641
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Mon, 23 Oct 2006 00:07:48 GMT, "kd5sak" <kd5sak@sbcglobal.net>
wrote:

>
>"Slow Code" <my.mail@no.spam> wrote in message
>news:LiT_g.11061$Lv3.10086@newsread1.news.pas.earthlink.net...
>> Opus- <jbuchy@shaw.ca> wrote in
>> news:06onj218q30flpvmfpqlnapnv718i9jqvu@4ax.com:
>>
>>> On Sun, 22 Oct 2006 14:23:50 -0400, Dave <W1MCE@comcast.net> spake
>>> thusly:
>>>
>>>>What lie??
>>>
>>> It's not a lie that code has kept good people out of ham radio.
>>
>>
>> Whaaaaaaaaa!
>>
>> SC
>
>It is obvious that it hasn't kept unpleasant people out of Amateur Radio..
aiont that the truth
>
>Harold
>KD5SAK
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1268. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 00:26:29 UTC
From: Dee Flint <deeflint01@comcast.net>
Message-ID: <ibWdnVpDkqnbkaHYnZ2dnUVZ_qCdnZ2d@comcast.com>
Source record: 50642
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Opus-" <jbuchy@shaw.ca> wrote in message
news:m9pnj2h8k815lc7eiaad651riqnjnot6vo@4ax.com...
> On Sun, 22 Oct 2006 08:47:14 -0400, "Dee Flint"
> <deeflint01@comcast.net> spake thusly:
>
>>
>>"Opus-" <jbuchy@shaw.ca> wrote in message
>>news:f88mj25h232km6eil2s69jbs1j8m1htgmq@4ax.com...
>>
>>[snip]
>>
>>> Sorry, but I can say for an absolute fact that your 're wrong. It had
>>> kept me out of ham radio and I know exactly what kind of person that I
>>> am. And before the obligatory "lazy" word is trotted out, I have to
>>> work for the pay cheque that buys the radio, pays the rent for the
>>> building that the radio is in and pays for the tower that is in the
>>> back yard. I have to work extra to pay MORE for a place where I am
>>> allowed a tower, as opposed to less expensive digs.
>>>
>>> Honestly, I can't believe how some pro-coders look down on no-coders
>>> with such contempt. I was once a member of a "live steam" model
>>> railroad club. These were larger model steam trains that ran with real
>>> steam instead of electric power. They could be run with either propane
>>> or coal, depending on the individual. The guys who built their
>>> locomotives from scratch NEVER looked down on the guys who bought
>>> theirs from a classified ad. The guys burning coal did NOT call the
>>> propane guys "lazy". We all enjoyed a fine hobby and club meetings
>>> were always good fun and most informative. It was great for a
>>> mechanic, like myself, to rub shoulders with experienced retired
>>> machinists who built these locomotives. At one of our "open houses",
>>> which were located outdoors at the club track, my daughter took her
>>> first steps.
>>>
>>> Isn't ham radio supposed to be like that? Is there no camaraderie?
>>
>>Yes ham radio is supposed to be camaraderie. People are supposed to help
>>each other. The divisiveness stems from the fact that too many no-coders
>>appear to want to change the requirements with no knowledge, experience,
>>or
>>understanding of the requirements. In addition, most of us have
>>experienced
>>people who said they could not learn code but upon questioning find that
>>they did not use a good training method and did not train correctly. Yet

>>when they decided they were tired of waiting did learn it and got their
>>upgrade. Then finding out how useful it was in ham pursuits were glad
>>that
>>they had done it.
>
> That does NOT justify the snot-nosed attitude.

No it doesn't but there are a lot of "better than thou" types in all areas
of human endeavor. Ignore them or you'll drive yourself nuts.

>
>>So far of each of the reasons that people put forth as to why they can't
>>learn it have been disproven by the example of other people with the same
>>problem having gone ahead and done it. The 5wpm level is obtainable
>>although some of the problem do make faster speeds a problem (constant
>>tinnitus may be a severe problem at 20 wpm for example). My ex-OM had 70%
>>hearing loss in both ears and severe tinnitus. He passed the 5wpm. I
>>know
>>people with dyslexia who have passed. The blind have passed. Even the
>>deaf
>>have passed using flashing lights or vibrating pads.
>
> Bravo for them. But that does not explain why some pro-coders are such
> snot-rags.
>

As I said, human nature has a lot of negative aspects no matter what the
activity. All one can do is ignore it and do their personal best.

>>Do you have competitions in your model railroading activity? If you enter
>>that competition, you all have to follow the published rules with no
>>exceptions. If it is a competition for the "homebrewers", then those who
>>don't do so can enjoy viewing them but they cannot enter into the
>>competition.
>
> No competitions, just a bunch of guys who like live steam model
> trains. The club did not exist for that.

Still my point is that when there are rules, one is obliged to follow them
whether they like them or not.

Dee, N8UZE

1269. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 00:39:31 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <7bU_g.15277$GR.3367@newssvr29.news.prodigy.net>
Source record: 50643
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

Ian White GM3SEK wrote:
>>> beaded 6 36 6.0
>> Beaded isn't a coil so doesn't count.
>>
> The word "beaded" did not exist in my original posting... but there it
> is in Cecil's reply, complete with the double >> that attributes it to
> me, so that Cecil can knock the straw-man down.

Ian, I think I corrected an obvious typo of yours. It
appeared that you had gotten off by one row. If that
was wrong, I apologize. Here's what you posted:

> Choke Fmax Fmin Ratio
> 6t 1 layer 24 none -
> 12t 1 layer 15 31 2.1
> 4t 1 layer 21 34 1.6
> 8t 1 layer 12 19 1.6
> 12 32 2.7
> 8t bunched 6 36 6.0

There were six chokes. The fifth was bunched and the
sixth was beaded. The bunched ratio is 2.7. It seemed
obvious that you had made a typo in your chart which
I corrected.
--
73, Cecil http://www.w5dxp.com

1270. odd question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 01:07:09 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <1BU_g.14963$vK.8060@tornado.southeast.rr.com>
Source record: 50644

On the USS YOURKTOWN in the Charleston, SC harbor a local radio club that I am a member of, has a radio room using a butternut antenna..
It is mounted on an old aircraft carrier sitting in salt water. that is the best QTH for a vertical but my question is......

What is the biggest difference between a vertical and a horizontal antenna other than the obvious? When I use the rig in the Yourktown it seems that I can contact stations a lot further away with less noise than my home QTH.

Is it just its QTH or am I missing something else?
Joe

1271. 10 meter mobile antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 01:12:09 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <JFU_g.14964$vK.4170@tornado.southeast.rr.com>
Source record: 50646

I just bought a 10 meter mobile rig (25 watt old radio shack rig).

I was planing on cutting down a 102" CB whip to 10 meter band.

Anyone know of any type of antenna that would work better?

Thanks
Joe
KI4ILB

1272. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 01:14:38 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <2IU_g.15281$GR.810@newssvr29.news.prodigy.net>
Source record: 50645
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

Ian White GM3SEK wrote:
> In the chokes we're looking at, the low-impedance series resonances of
> which Cecil complains do not occur below 30MHz. Those resonances exist,
> but not on the HF frequencies where the chokes would actually be used.

But, Ian, what about 75m and 40m?

Those resonances above 26 MHz are transmission line effects.
The largest coil is only 12 turns, not nearly enough for 75m
operation. The largest 12 turn coil has a choking impedance
of only 100 ohms on 75m. Scale the choke to 75m and 40-50 turns
are probably required. That would certainly lower the 1/2WL
resonant frequencies into the HF ham bands.

The 12 turn coil's peak impedance is around 15 MHz and its
1/2WL low impedance response is around 31 MHz. If we scale
the peak impedance value to 4 MHz by increasing the turns,
the 1/2WL low impedance response would be around 8 MHz. Such
a choke would be useless above 10 MHz.

Bottom Line: If enough turns are used to achieve a high choking
impedance on 75m, the 1/2WL resonant transmission line effects
will occur in the middle of HF making it useless on the higher
HF frequencies.

> Within the practical working frequency range of all of these coiled-coax
> chokes, the performance can be accurately described as that of a simple
> parallel tuned LC circuit, which displays no transmission-line behaviour
> whatever.

This is obviously a false statement proved by your own graphs.
If there were no transmission line effects, the phase graphs
would all converge on -90 degrees. All of the phase bumps above
26 MHz are transmission line effects. If the chokes had their
maximum impedance at 4 MHz, those 1/2WL transmission line effects
would probably be in the range of 10 MHz rendering them useless
on 30m-10m.

>Cecil complains that
>> One might say it is misbehaving and is a very poor design.
>>
> That sounds to me like the complaint of someone who has a pet theory to
> hammer, and is disappointed when he can't find a nail.

Actually, I was just quoting this web page:

http://www.k1ttt.net/technote/airbalun.html

"- Don't bunch the turns together. Wind them as a single
layer on a form. Bunching the turns kills the choking effect
at higher frequencies." I agree with WA2SRQ that the bunched
coil choke is a poor design. Do you think that WA2SRQ has a
pet theory?

> I think that's it, really. The graphs themselves say the rest.

They certainly do. Everything above 26 MHz is obviously transmission
line effects. If the chokes were designed for the lower part
of the HF spectrum, the 1/2WL low impedance points, caused by
the transmission line effects, would be in the middle of the HF
spectrum.

Scale the high impedance points for 75m and the low impedance
bumps due to transmission line effects will occur in the
middle of HF.
--
73, Cecil http://www.w5dxp.com

1273. Re: odd question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 01:34:10 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12jo70o1ihtt934@corp.supernews.com>
Source record: 50647

The secret is the combination of QTH and antenna polarization.

A vertical antenna with salt water extending a few wavelengths in the
direction of communication has a tremendous advantage. It produces a
high strength signal at very low elevation angles. You won't get this
with a horizontal antenna unless it's very high, or a vertical
surrounded by dirt, regardless of how good your ground system is (unless
it extends several wavelengths from the antenna), unless there's a
lengthy downward slope to the ground in the direction of communication.

Roy Lewallen, W7EL

Merlin-7 KI4ILB wrote:
> On the USS YOURKTOWN in the Charleston, SC harbor a local radio club that I
> am a member of, has a radio room using a butternut antenna..
> It is mounted on an old aircraft carrier sitting in salt water. that is the
> best QTH for a vertical but my question is......
>
> What is the biggest difference between a vertical and a horizontal antenna
> other than the obvious? When I use the rig in the Yourktown it seems that I
> can contact stations a lot further away with less noise than my home QTH.
>
> Is it just its QTH or am I missing something else?
> Joe
>
>

1274. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 01:45:35 UTC
From: Danny Richardson <n_group@k6mhe.com>
Message-ID: <3j7oj2122qqp9hncvgn2ofki9l8bprmfpi@4ax.com>
Source record: 50648

On Sun, 22 Oct 2006 16:24:33 -0700, Richard Clark <kb7qhc@comcast.net>
wrote:

>Hi Owen,
>
>It is far easier to simply use OpenOffice which is an executable that
>will translate to/from Windows Office (any spread sheet, document,
>presentation, drawing...). The Open Document format is the mandated
>standard of the European Community, if I recall correctly.

Be careful. If any VB type macros are included in Excel Open Office
will barf. Been there done that.

Danny, K6MHE

1275. Re: 10 meter mobile antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 02:12:21 UTC
From: "M.M." <nobody@nowhere.com>
Message-ID: <9yV_g.1892$BC6.439@fed1read01>
Source record: 50649

Merlin-7 KI4ILB wrote:
> I just bought a 10 meter mobile rig (25 watt old radio shack rig).
>
> I was planing on cutting down a 102" CB whip to 10 meter band.
>
> Anyone know of any type of antenna that would work better?
>

I used a 10M Hamstick on my Ranger pickup with good results.

Mark AA7TA

1276. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 06:13:25 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <JOGm0QBF2FPFFA3c@ifwtech.co.uk>
Source record: 50650
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

Cecil Moore wrote:
>Ian White GM3SEK wrote:
>>>> beaded 6 36 6.0
>>> Beaded isn't a coil so doesn't count.
>>>
>> The word "beaded" did not exist in my original posting... but there
>>it is in Cecil's reply, complete with the double >> that attributes it
>>me, so that Cecil can knock the straw-man down.
>
>Ian, I think I corrected an obvious typo of yours. It
>appeared that you had gotten off by one row. If that
>was wrong, I apologize. Here's what you posted:
>
>> Choke Fmax Fmin Ratio
>> 6t 1 layer 24 none -
>> 12t 1 layer 15 31 2.1
>> 4t 1 layer 21 34 1.6
>> 8t 1 layer 12 19 1.6
>> 12 32 2.7
>> 8t bunched 6 36 6.0
>
>There were six chokes. The fifth was bunched and the
>sixth was beaded. The bunched ratio is 2.7. It seemed
>obvious that you had made a typo in your chart which
>I corrected.

Apology accepted. What you had missed was the statement immediately
above the table, that:
> (the 8t 1 layer choke has two very small minima).
Therefore that choke has two lines of data.

The bunched choke is the one that has a Fmax/Fmin frequency ratio of 6.
A certain amount of mental gymnastics allowed you to claim that 1.5, 2.1
and 2.7 are all approximately equal to 2... so how about 6?

--
73 from Ian GM3SEK 'In Practice' columnist for RadCom (RSGB)
http://www.ifwtech.co.uk/g3sek

1277. cardiod antenna @ 2.4GHz

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 06:58:20 UTC
From: electro <electromagnetic377@yahoo.com>
Message-ID: <1161586700.733839.272750@i3g2000cwc.googlegroups.com>
Source record: 50651

hi,

im designing a cardioid pattern at 2.4GHz, null based measurment.very
few articles dwell on this topic especially in the microwave region.
essentially, the cardioid pattern is a result of the mixture of a
figure eigth and an omni radiation.im thinking of using a simple
monopole(triangular patch) and a dipole(coplanar waveguided slot).
these are my questions,

1. is using a power combiner(wilkinson divider) with the monopole and
dipole as inputs the correct way of producing the cardioid pattern?i
2. are there any other methods on how to combine the patterns?
3. how about the spacing or relative distances between the feedpoints
of the monopole and dipole?

thank you so much!
electro

1278. dipole antenna using "chip antennas"

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 07:01:40 UTC
From: electro <electromagnetic377@yahoo.com>
Message-ID: <1161586900.668939.175980@b28g2000cwb.googlegroups.com>
Source record: 50652

hello,

i'd like to have a compact horizontally polarized dipole antenna that
that uses chip antennas(i like to extract its figure 8 pattern).
im planning to have them lie side by side like a typical dipole
setup...
any suggestions, comments , or recommendations?

thanks
electro

1279. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 08:51:58 UTC
From: charlie <wehatespam@wymsey.co.uk>
Message-ID: <NuydnUvOiLwzH6HYnZ2dnUVZ8t2dnZ2d@pipex.net>
Source record: 50653

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

Danny Richardson wrote:
> On Sun, 22 Oct 2006 16:24:33 -0700, Richard Clark <kb7qhc@comcast.net>
> wrote:
>
>> Hi Owen,
>>
>> It is far easier to simply use OpenOffice which is an executable that
>> will translate to/from Windows Office (any spread sheet, document,
>> presentation, drawing...). The Open Document format is the mandated
>> standard of the European Community, if I recall correctly.
>
> Be careful. If any VB type macros are included in Excel Open Office
> will barf. Been there done that.
>
> Danny, K6MHE
>
>

Opens fine in OpenOffice 2 on SUSE 10 but I did have to reposition
the graphs which were over the table.

Charlie.

- --
www.wymsey.co.uk
-----BEGIN PGP SIGNATURE-----
Version: GnuPG v1.4.2 (GNU/Linux)
Comment: Using GnuPG with SUSE - http://enigmail.mozdev.org

iD8DBQFFPIKufhKqaKFAJ/YRAgnOAJ9ZjDMfv6s+TwcswZd0YbJQJK5e1QCcCskT
Dbm7fF6MOISjjCsbzjBLihA=
=zEFh
-----END PGP SIGNATURE-----

1280. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 09:38:29 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <0dgJ3pOV2IPFFAgd@ifwtech.co.uk>
Source record: 50654

charlie wrote:
>Danny Richardson wrote:
>> On Sun, 22 Oct 2006 16:24:33 -0700, Richard Clark <kb7qhc@comcast.net>
>> wrote:
>>
>>> Hi Owen,
>>>
>>> It is far easier to simply use OpenOffice which is an executable that
>>> will translate to/from Windows Office (any spread sheet, document,
>>> presentation, drawing...). The Open Document format is the mandated
>>> standard of the European Community, if I recall correctly.
>>
>> Be careful. If any VB type macros are included in Excel Open Office
>> will barf. Been there done that.
>>
>> Danny, K6MHE
>>
>>
>
>Opens fine in OpenOffice 2 on SUSE 10

Thanks for that information, Charlie - it's very useful to know what other systems can see.

>but I did have to reposition
>the graphs which were over the table.

That's how I saved the graphs, so OpenOffice got those layout details right.

Once the graphs have been plotted, it isn't necessary to look at the underlying table very often, because the data can be seen in a popup window by running the mouse pointer along each plotted line. If OpenOffice can do that too, you may find it a convenient feature.

Alternatively, you could drag both graphs away to the right, and then use the horizontal scroll bar to move between the table and graphs.

--
73 from Ian GM3SEK 'In Practice' columnist for RadCom (RSGB)
http://www.ifwtech.co.uk/g3sek

1281. Re: dipole antenna using "chip antennas"

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 11:03:34 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1161601414.071795.249830@k70g2000cwa.googlegroups.com>
Source record: 50655

Yeah, look up Chip, the fractal guy, his call escapes me at the moment
but quick search will find him...

denny

electro wrote:
> hello,
>
> i'd like to have a compact horizontally polarized dipole antenna that
> that uses chip antennas(i like to extract its figure 8 pattern).
> im planning to have them lie side by side like a typical dipole
> setup...
> any suggestions, comments , or recommendations?
>
> thanks
> electro

1282. Re: Routing radio signals around objects

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 11:15:57 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1161602157.502690.50080@f16g2000cwb.googlegroups.com>
Source record: 50656

Roy,
I haven't reviewed the physics of relativity lately, but I 'believe'
that value of C is specified as the velocity of energy propagation in a
vacuum... SInce that limit is not violated when the wave front is
propagating in a medium with a refractive index greater than vacuum,
i.e. C is slower than in a vacuum, then by O'Connor's Law of
Reciprocity the limit will not be broken if the the wave front is
propagating a medium with a refractive index less than a vacuum, i.e. C
is greater than in a vacuum...

denny / k8do

1283. Re: dipole antenna using "chip antennas"

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 11:26:32 UTC
From: electro <electromagnetic377@yahoo.com>
Message-ID: <1161602792.593024.165290@m7g2000cwm.googlegroups.com>
Source record: 50657

thanks denny..
but probably you have some ideas about this
that you may share..

thanks!

Ayon kay Denny:
> Yeah, look up Chip, the fractal guy, his call escapes me at the moment
> but quick search will find him...
>
> denny
>
> electro wrote:
> > hello,
> >
> > i'd like to have a compact horizontally polarized dipole antenna that
> > that uses chip antennas(i like to extract its figure 8 pattern).
> > im planning to have them lie side by side like a typical dipole
> > setup...
> > any suggestions, comments , or recommendations?
> >
> > thanks
> > electro

1284. Re: 10 meter mobile antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 11:41:06 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <7f-dncnfzP7MN6HYnZ2dnUVZ_uudnZ2d@comcast.com>
Source record: 50658

Have you heard of a 10 meter mobile antenna??

Hamstix, Hustler, et al make them. Lot easier than trying to cut steel.

Merlin-7 KI4ILB wrote:

> I just bought a 10 meter mobile rig (25 watt old radio shack rig).
>
> I was planing on cutting down a 102" CB whip to 10 meter band.
>
> Anyone know of any type of antenna that would work better?
>
> Thanks
> Joe
> KI4ILB
>
>

1285. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 11:47:30 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <mZ1%g.2365$T_1.65@newssvr14.news.prodigy.com>
Source record: 50659
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

Ian White GM3SEK wrote:
> Apology accepted. What you had missed was the statement immediately
> above the table, that:
> > (the 8t 1 layer choke has two very small minima).
> Therefore that choke has two lines of data.

I apologize. I jumped to conclusions. The obvious typo
wasn't so obvious after all

> The bunched choke is the one that has a Fmax/Fmin frequency ratio of 6.
> A certain amount of mental gymnastics allowed you to claim that 1.5, 2.1
> and 2.7 are all approximately equal to 2... so how about 6?

As I already stated: What I have said applies to well-
designed coils that can be modeled as transmission lines.
That includes properly wound chokes and bugcatcher loading
coils. A bunched choke is known not to be well-designed.
Quoting WA2SRQ again: "Don't bunch the turns together. Wind
them as a single layer on a form. Bunching the turns kills
the choking effect at higher frequencies."

Bunching also tends to kill the transmission line effects.

How many 75m bugcatcher loading coils have you wound
in bunched mode? :-)
--
73, Cecil http://www.w5dxp.com

1286. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 12:04:31 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <jd2%g.2371$T_1.2210@newssvr14.news.prodigy.com>
Source record: 50660
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

Ian White GM3SEK wrote:
> The bunched choke is the one that has a Fmax/Fmin frequency ratio of 6.
> A certain amount of mental gymnastics allowed you to claim that 1.5, 2.1
> and 2.7 are all approximately equal to 2... so how about 6?

It is a known fact that the VF of these chokes changes
with frequency so they don't behave exactly like a
transmission line. Bunching probably changes the VF
considerably more than a helical wound choke since
the first turn and last turn may be on top of each
other.
--
73, Cecil http://www.w5dxp.com

1287. Re: A chance to argue about something different

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 15:31:48 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <453ce010$0$6151$39cecf19@news.twtelecom.net>
Source record: 50661

Richard Clark wrote:

> On 20 Oct 2006 20:21:51 -0700, nm5k@wt.net wrote:
>
>
>>Sniping is fun when done under the clinical supervision of a doktor.
>
>
> Sti¿½pp azide Nurze. Ve must examine one particular symptom:
>
>
>>"art" <aunwin@insightbb.com> wrote in message
>>
>>>Soooooooooooo.....
>
>
> Interesting rhythmic -um- device which seems to counterpoint the
> surrealism of the underlying metaphor... of the designer's
> compassionate soul which strives through... through... the medium of
> the ï¿½ther's structure to sublimate this transaction and come to terms
> with the fundamental dichotomy of the antenna. One is left with the
> profound and vivid insight into... into... whatever it was about!
>
> [This allusion is lifted from one of the greatest of English works of
> Radio/TV/Literature/Computer Game/Movies: "Hï¿½Gï¿½." Others may
> recognize Arthur Dent's appreciation for Vogon poetry which most of
> Art's (not Dent) postings so amazingly mimic.]

You missed LP records. Which are, like everything else he did, just a
bit different than the versions on the other media.

They are supposedly making the radio plays again, and Adams will be
doing one of the characters. I do not remember which one. Apparently
he recorded the tracks years ago.

Now back to our previously interrupted thread.

tom
K0TAR

1288. Re: dipole antenna using "chip antennas"

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 16:08:18 UTC
From: Ralf Ballis - DL2MRB <dl2mrb@arcor.de>
Message-ID: <453ce974$0$27613$9b4e6d93@newsspool2.arcor-online.net>
Source record: 50662

electro wrote:

> any suggestions, comments , or recommendations?

Maybe with a little bit of more information about frequency, rx tx or both,
if both witch power range, etc.

Regards,

Ralf
--
Vy 73 es 55 de Ralf, DL2MRB

1289. Re: 10 meter mobile antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 18:13:06 UTC
From: Dale Parfitt <par@parelectronics.com>
Message-ID: <SC7%g.11295$A27.8138@trnddc08>
Source record: 50663

"Dave" <W1MCE@comcast.net> wrote in message
news:7f-dncnfzP7MN6HYnZ2dnUVZ_uudnZ2d@comcast.com...
> Have you heard of a 10 meter mobile antenna??
>
> Hamstix, Hustler, et al make them. Lot easier than trying to cut steel.
>
Yeah, that should take all of a couple of minutes.
W4OP

1290. Re: 10 meter mobile antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 19:03:30 UTC
From: ricknj10@hotmail.com
Message-ID: <453d10e1.106969546@news.optonline.net>
Source record: 50664

>> Anyone know of any type of antenna that would work better?

As long as you only cut it as much as needed to move it up into the
ten meter band it will still be a full length quarter wave antenna.
No, there is almost nothing you could get that is better..... provided
you mount it in the center of your roof.
Now, the interesting question becomes, "If you don't mount it in the
most optimum location, how much is it degraded, and would a loaded
antenna mounted in the center of your roof be any better?"

Realistically speaking, a center loaded (approximately 60 inch long)
antenna mounted on the trunk or roof is a very good compromise.

K2XT

1291. Re: 10 meter mobile antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 19:43:19 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12jq6qs38r37lc3@corp.supernews.com>
Source record: 50665

All those commercial antennas will work better at thinning your wallet. But not at getting your signal out. The only way you'd improve over the signal from a cut-down CB whip (2 minutes work with a hacksaw) is to either make the antenna directional in azimuth which would decrease the signal in other directions, or try making a collinear array. And I seriously doubt that you could get any noticeable gain from a collinear without making it too tall to be practical.

I'm glad that some hams are still willing to reach for the hacksaw instead of the wallet. Go for it!

Roy Lewallen, W7EL

Dave wrote:
> Have you heard of a 10 meter mobile antenna??
>
> Hamstix, Hustler, et al make them. Lot easier than trying to cut steel.
>
> Merlin-7 KI4ILB wrote:
>
>> I just bought a 10 meter mobile rig (25 watt old radio shack rig).
>>
>> I was planing on cutting down a 102" CB whip to 10 meter band.
>>
>> Anyone know of any type of antenna that would work better?
>>
>> Thanks
>> Joe
>> KI4ILB
>>
>>
>

1292. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 21:28:06 UTC
From: nm5k@wt.net
Message-ID: <1161638886.557878.165010@f16g2000cwb.googlegroups.com>
Source record: 50666
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

Cecil Moore wrote:
> Ian White GM3SEK wrote:
> > The bunched choke is the one that has a Fmax/Fmin frequency ratio of 6.
> > A certain amount of mental gymnastics allowed you to claim that 1.5, 2.1
> > and 2.7 are all approximately equal to 2... so how about 6?
>
> It is a known fact that the VF of these chokes changes
> with frequency so they don't behave exactly like a
> transmission line. Bunching probably changes the VF
> considerably more than a helical wound choke since
> the first turn and last turn may be on top of each
> other.
> --
> 73, Cecil http://www.w5dxp.com

I've never actually really compared bunching to helical wound.
The one they specify to build for my triband yagi is a helical
coil. On that antenna, I've used both methods, but not at the
same time to really compare. I didn't notice any real noticable
difference in operation though. I was just looking at the small
choke in my trunk for 2m. It hangs from the trunk lid, and is
tie wrapped. It was about 2-3 diameter, and about 4-5 turns
or so, bunched together. For the purpose I used it for, it
worked great. But it could well be possible what you say about
the higher frequency operation. I do know a bunched choke is
a whole lot better than no choke at all. :)
MK
MK

1293. Re: 10 meter mobile antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 21:44:00 UTC
From: nm5k@wt.net
Message-ID: <1161639840.224858.211390@f16g2000cwb.googlegroups.com>
Source record: 50667

Dale Parfitt wrote:
> "Dave" <W1MCE@comcast.net> wrote in message
> news:7f-dncnfzP7MN6HYnZ2dnUVZ_uudnZ2d@comcast.com...
> > Have you heard of a 10 meter mobile antenna??
> >
> > Hamstix, Hustler, et al make them. Lot easier than trying to cut steel.
> >
> Yeah, that should take all of a couple of minutes.
> W4OP

I could probably torch that bugger off in about 15 seconds.. :/
Might look kinda funky on the tip though. I agree. What is
has is about as good as he's going to get. As long as it's
grounded to the car well, preferably on the body somewhere,
it's going to work great. Any other whip is probably going to
be inferior as far as a 1/4 design. But it is possible for a roof
mounted half size whip to equal a full 1/4 wave with a lower
or poor ground. I'd use a bumper mount as a last resort.
A side body mount with a ball mount, or even trunk mount
would work a lot better. That whip on a roof would brown the
food. Not very practical though as far as trees and drive thru's.
A trunk mount is possible though. Heck, my mobile antenna
is way tall. But I don't really care about looks much.. I recently
bought a third small car to save gas when I don't need to drive
the trucks. I put it's antenna mount on the trunk lid with reinforced
plating underneath to keep from ripping the trunk lid apart.
Hondas have thin sheet metal... :/ My 11 foot antenna would flex
that thing like crazy with no plating underneath. Wouldn't last
3 hours before I ripped a hole in the trunk. I had to do the same
with a monte carlo I once drove.
MK

1294. Re: 10 meter mobile antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 21:53:23 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <nRa%g.3993$337.2974@southeast.rr.com>
Source record: 50668

Thanks everyone

It will be mounted to the side rail of my Dodge 1500 4 door along with the 6 foot coliner for 2m and the 11 meter whip.
Yes it has a CB in it. I need the CB for talking to truckers when I go into hurricane hit areas a day or two after the hurricane. Finding out what roads are open, last place to get fuel etc...

Now all I need to figure out is how to keep the 10 meter and 11 meter antennas from interacting too bad or place them in such a way that the interaction does something that is usefull...

Joe

1295. 10 meter 11 meter antenna interaction

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 22:19:52 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <ceb%g.5973$_u4.2808@tornado.southeast.rr.com>
Source record: 50669

OK, the next problem I will be haveing is The interaction between my 10 meter whip and the 11 meter whip.
Removeing the CB is not an option, I need it for work.

I will be adding the 10 meter whip to a 4door Dodge ram pickup.The two antennas that are on the truck now are mounted with stake hole mounts (the holes in the bed rail behind the driver and passenger)

The 11 meter and the 10 meter rigs will not be on at the same time.

How would you place the antennas to keep the interaction as low as possible or use the ineraction in some way.

Thanks
joe

1296. Re: 10 meter 11 meter antenna interaction

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 22:39:03 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12jqh4ckn69at53@corp.supernews.com>
Source record: 50670

What you've got is one antenna with two feed points.

Any use of the interaction will result in a directional pattern, making the signal stronger in some directions and weaker (perhaps a great deal weaker) in others. I suspect you don't want that.

The best solution would be to open-circuit the unused antenna at its feedpoint. This could be done directly with a relay, by short-circuiting the rig end of a feedline which is an odd number of electrical wavelengths long, or open-circuiting the rig end of a feedline which is an integral number of half wavelengths long. It would be a good idea to make the switch(es) operate from the rigs' power, to prevent accidentally transmitting into a shorted or opened feedline.

The two bands are too close to make most other methods impractical.

Roy Lewallen, W7EL

Merlin-7 KI4ILB wrote:
> OK, the next problem I will be haveing is The interaction between my 10
> meter whip and the 11 meter whip.
> Removeing the CB is not an option, I need it for work.
>
> I will be adding the 10 meter whip to a 4door Dodge ram pickup.The two
> antennas that are on the truck now are mounted with stake hole mounts (the
> holes in the bed rail behind the driver and passenger)
>
> The 11 meter and the 10 meter rigs will not be on at the same time.
>
> How would you place the antennas to keep the interaction as low as possible
> or use the ineraction in some way.
>
> Thanks
> joe
>
>

1297. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 23:36:46 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <K6G2eomOIVPFFA0y@ifwtech.co.uk>
Source record: 50671
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

Cecil Moore wrote:
>Ian White GM3SEK wrote:
>> In the chokes we're looking at, the low-impedance series resonances
>>of which Cecil complains do not occur below 30MHz. Those resonances
>>exist, but not on the HF frequencies where the chokes would actually
>>be used.
>
>But, Ian, what about 75m and 40m?
>
>Those resonances above 26 MHz are transmission line effects.
>The largest coil is only 12 turns, not nearly enough for 75m
>operation. The largest 12 turn coil has a choking impedance
>of only 100 ohms on 75m. Scale the choke to 75m and 40-50 turns
>are probably required.

Sorry for the delay in replying, but I just did something completely radical for this type of discussion: hauled out some cable, made some chokes, and measured them.

These chokes were intended to be like the ones recommended in the ARRL Handbook for 3.5MHz and for 7MHzz, both using 22ft of RG213. What I had was actually 21ft, and this length was wound into a flat coil having various numbers of turns. The choking impedances and phase angles were measured on an N2PK Vector Network Analyser.

Ten turns made a choke that had >1000 ohms impedance from 3.4MHz to 6.4MHz, falling to about 650 ohms by 7.3MHz. This makes a respectable two-band choke, if you judge it by the criterion of needing about 500 ohms minimum impedance, but it's a stretch to cover both bands from edge to edge (9 turns was probably a slightly better compromise). Moreover the maximum impedance of 17k is "wasted" between the amateur bands at 4.6MHz.

That confirms our shared suspicion that the Handbook's claim of "a broad resonance that easily (sic) covers three octaves" is over-optimistic. Where the coiled-cable choke really excels is as a single-band device, exploiting its extremely high peak impedance at parallel resonance.

Without needing to change the overall length of cable, the peak resonance can be shifted to different frequencies by increasing or decreasing the number of turns, although I couldn't persuade 21ft below 4.6MHz (10 turns) because the bending radius was becoming too small for RG213.

However, it's perfectly clear that Cecil's estimate of "40-50 turns"
needed for a 75m choke is way off.

>That would certainly lower the 1/2WL
>resonant frequencies into the HF ham bands.
>
>The 12 turn coil's peak impedance is around 15 MHz and its
>1/2WL low impedance response is around 31 MHz. If we scale
>the peak impedance value to 4 MHz by increasing the turns,
>the 1/2WL low impedance response would be around 8 MHz. Such
>a choke would be useless above 10 MHz.
>
>Bottom Line: If enough turns are used to achieve a high choking
>impedance on 75m, the 1/2WL resonant transmission line effects
>will occur in the middle of HF making it useless on the higher
>HF frequencies.
>
Right conclusion about the choke being useless a long way above its peak
resonance - but not the right reason for it. The true reason is the very
simple property of a parallel LC circuit (the inductance of the coil,
resonated by its own self-capacitance) which means that far above
resonance its parallel impedance drops to a very low value. That's what
makes it useless at those frequencies.

The 4.6MHz choke does have series resonances at about 23MHz 33MHz ,but
those cannot be said to affect the performance of the choke in any
practical way, because the choke doesn't have any usable performance at
these frequencies anyway.

>> Within the practical working frequency range of all of these
>>coiled-coax chokes, the performance can be accurately described as
>>that of a simple parallel tuned LC circuit, which displays no
>>transmission-line behaviour whatever.
>
>This is obviously a false statement proved by your own graphs.
>If there were no transmission line effects, the phase graphs
>would all converge on -90 degrees. All of the phase bumps above
>26 MHz are transmission line effects. If the chokes had their
>maximum impedance at 4 MHz, those 1/2WL transmission line effects
>would probably be in the range of 10 MHz rendering them useless
>on 30m-10m.
>
Cecil keeps resolutely ignoring the reservation: "within the practical
working range of the choke".

Within the frequency range where the choke has a practically useful
value of impedance, there are no - repeat NO - signs of transmission
line effects. Its behaviour is purely LC, its own inductance resonating
with its self-capacitance.

>>Cecil complains that
>>> One might say it is misbehaving and is a very poor design.
>>>

>> That sounds to me like the complaint of someone who has a pet theory
>>to hammer, and is disappointed when he can't find a nail.
>
>Actually, I was just quoting this web page:
>
>http://www.k1ttt.net/technote/airbalun.html
>
>"- Don't bunch the turns together. Wind them as a single
>layer on a form. Bunching the turns kills the choking effect
>at higher frequencies." I agree with WA2SRQ that the bunched
>coil choke is a poor design. Do you think that WA2SRQ has a
>pet theory?
>

I think WA2SRQ's advice is one-sided, because it fails to recognize the benefit of bunching the cable together - namely that it moves the whole resonance curve downward (due to the increased self-capacitance) without needing to increase the length of cable. For someone who wants a low-band choke, that is a Very Good Thing. The poorer performance at higher frequencies is the obvious natural tradeoff for having moved the whole resonance curve downward - but that doesn't make it a "poor design".

>> I think that's it, really. The graphs themselves say the rest.
>
>They certainly do. Everything above 26 MHz is obviously transmission
>line effects. If the chokes were designed for the lower part
>of the HF spectrum, the 1/2WL low impedance points, caused by
>the transmission line effects, would be in the middle of the HF
>spectrum.
>
>Scale the high impedance points for 75m and the low impedance
>bumps due to transmission line effects will occur in the
>middle of HF.

Hands-on measurements prove otherwise - the spurious resonances stay pretty much where they were, above 20MHz.

As stated above, I measured a choke which is resonant at 4.6MHz. It has over 1000 ohms impedance at 3.5MHz, rising to over 2k at 4MHz, so it would be a very good performer on both 75m and 80m.

But above the main parallel resonance there are no bumps in the impedance or ripples in the phase response at any frequency below 20MHz - none.

It is ridiculous for Cecil to describe such a choke as "misbehaving and a very poor design". On the contrary, bunching the turns to increase the self-capacitance has proved a very good way of moving the main resonance downward to make an effective single-band choke for 75/80m, while leaving all the unwanted resonances parked above 20MHz.

--
73 from Ian GM3SEK 'In Practice' columnist for RadCom (RSGB)
http://www.ifwtech.co.uk/g3sek

1298. Re: 10 meter 11 meter antenna interaction

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 23:40:05 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <ppc%g.14012$Y24.3333@newsread4.news.pas.earthlink.net>
Source record: 50672
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

"Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in
news:ceb%g.5973$_u4.2808@tornado.southeast.rr.com:

> OK, the next problem I will be haveing is The interaction between my 10
> meter whip and the 11 meter whip.
> Removeing the CB is not an option, I need it for work.
>
> I will be adding the 10 meter whip to a 4door Dodge ram pickup.The two
> antennas that are on the truck now are mounted with stake hole mounts
> (the holes in the bed rail behind the driver and passenger)
>
> The 11 meter and the 10 meter rigs will not be on at the same time.
>
> How would you place the antennas to keep the interaction as low as
> possible or use the ineraction in some way.
>
> Thanks
> joe

Breaker, Breaker, good-buddy, got yer ears on?

Get rid of the eleven meter rig and antenna. Be a ham, not a CB'er, or
are you too lazy to learn and use CW?

SC

1299. Would you join the ARRL if you found out they were only interested in selling memberships?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 23:40:44 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <0qc%g.14037$Y24.149@newsread4.news.pas.earthlink.net>
Source record: 50673
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Welcome to the new world of ham radio. That'll be thirty-nine dollars
and here's your complimentary QST and CB radio.

SC

1300. G5RV and 68ft of coax

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 23:52:49 UTC
From: John Phillips <k1bxi@verizon.net>
Message-ID: <lBc%g.1025$%T3.310@trndny03>
Source record: 50674

I have always seen mentioned many times when someone writes about the G5RV antenna that you need to use a minimum of 68 feet of coax connected to the 30ft of twinlead or ladderline. I'm pretty sure that you can blame me for that urban legend. Sometime around 1965-1967 several of us in Maine were fooling around with the G5RV configuration on 75 meters. Some with good results and some with not so good results! A ham by the name of Charlie Murch decided to manufacture the antenna, which he called the 51-30-51 for obvious reasons. He sent many of us a prototype to test. In that era the rigs were tube finals with a pi network output which could handle a modest range of input impedances. Antenna tuners were not in vogue and Lou McCoy's design of the "Ultimate Transmatch" was just coming upon the scene, the granddaddy of most of the tuners used today.
So with my trusty HQ129X rcvr and DX100 xmiter, a Jones MicroMatch swr bridge plus a brand new Omega T noise bridge I set out to solve the mystery of the G5RV. The first antenna was erected about 200 feet from the shack and 35 feet in the air with 200 feet of coax hooked to it. Worked good and showed a less than a 2.1 swr on 3.940MHz. The next location for it was closer to the shack and required only (you guessed it) 68 feet of coax. The 2.1 swr went to over 3.1, mystery solved.....
.....anything less than 68 feet would result in a too high swr on 75 meters for most pi networks to handle it. This finding was duly reported to Charlie, with a recommendation that at least 100 feet of coax should be used for use on 75 meters for best results. When it went into production his ad in QST and the instructions packaged with the antenna said "should be used with at least 68 feet of coax".
Of course I have since learned why the longer coax showed a lower swr. I wonder if the legend would be different if I only had needed 34 feet to reach the shack. Of all my G5RV antennas that I have built, and I have built many, My conclusion is that it is a good tri-band antenna. 80,40 and 20 mtrs. Not an "all band" antenna. 300 ohm ladder line is a better choice than 450 ohm. The reason is that on 40 mtrs the 1/4 wave length better transforms the high center impedance nearer to 50 ohms than 450 ohm line. On 75/80 mtrs it is a 1/8 wave length feeding a very low impedance which results in adding inductive reactance to the system. And again 300 ohm line is better than 450 ohm which adds a bit too much inductive reactance. It would make no difference on 20 mtrs since it is a 1/2 wave length there and WYSIWYG on both ends of the line. Your mileage may vary. And like all wire antennas, the biggest factor for their performance are three things.....location...location and location.

John K1BXI

1301. slkow trying and failing to win friend

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 23:53:36 UTC
From: Mark@kb9rqz.aprs
Message-ID: <3elqj2d8v1cpa21e0d3qm7fla2l52adubi@4ax.com>
Source record: 50675
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

On Mon, 23 Oct 2006 23:40:05 GMT, Slow Code <my.mail@no.spam> wrote:

>"Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in
>news:ceb%g.5973$_u4.2808@tornado.southeast.rr.com:
>

>Get rid of the eleven meter rig and antenna.
why?
>Be a ham, not a CB'er, or

it isn't an either or thing
>are you too lazy to learn and use CW?

just too smart lok what your years of using it have done to your
brain
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1302. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 23:56:49 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <5Fc%g.15540$GR.691@newssvr29.news.prodigy.net>
Source record: 50576
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

nm5k@wt.net wrote:
> I've never actually really compared bunching to helical wound.
> The one they specify to build for my triband yagi is a helical
> coil. On that antenna, I've used both methods, but not at the
> same time to really compare. I didn't notice any real noticable
> difference in operation though.

You wouldn't notice much difference for a single band
and maybe not even for a tribander. The helical has a
greater bandwidth than the bunched. For instance, at:

http://www.k1ttt.net/technote/airbalun.html

there's an 8 turn helical Vs 8 turn bunched. If the
target choking impedance is 500 ohms minimum, the helical
covers 6-24 MHz, a 4:1 ratio, while the bunched covers
4-10 MHz, a 2.5:1 ratio. The helical also has about two
times the maximum choking impedance as the bunched one.
--
73, Cecil http://www.w5dxp.com

1303. Re: 10 meter 11 meter antenna interaction

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-23 23:57:34 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12jqlndoq68nr06@corp.supernews.com>
Source record: 50577
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

Slow Code wrote:
> "Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in
> news:ceb%g.5973$_u4.2808@tornado.southeast.rr.com:
>
>
>> OK, the next problem I will be haveing is The interaction between my 10
>>meter whip and the 11 meter whip.
>> Removeing the CB is not an option, I need it for work.
>>
>>I will be adding the 10 meter whip to a 4door Dodge ram pickup.The two
>>antennas that are on the truck now are mounted with stake hole mounts
>>(the holes in the bed rail behind the driver and passenger)
>>
>>The 11 meter and the 10 meter rigs will not be on at the same time.
>>
>>How would you place the antennas to keep the interaction as low as
>>possible or use the ineraction in some way.
>>
>> Thanks
>> joe
>
>
>
>
> Breaker, Breaker, good-buddy, got yer ears on?
>
> Get rid of the eleven meter rig and antenna. Be a ham, not a CB'er, or
> are you too lazy to learn and use CW?
>
> SC

Sc;

The man said he uses CB for his work not his play. Either help him or
get lost.

Dave WD9BDZ

1304. Re: Would you join the ARRL if you found out they were only interested in selling memberships?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 00:02:19 UTC
From: Mark@kb9rqz.aprs
Message-ID: <0vlqj29p1agbau4mah6dfkrdadf28hc9nf@4ax.com>
Source record: 50578
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Mon, 23 Oct 2006 23:40:44 GMT, Slow Code <my.mail@no.spam> wrote:

>
>Welcome to the new world of ham radio. That'll be thirty-nine dollars
>and here's your complimentary QST and CB radio.
well if they infact gave a CB I might rejion
>
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1305. Re: Would you join the ARRL if you found out they were only interested in selling memberships?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 00:07:55 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12jqmaqekbr7d00@corp.supernews.com>
Source record: 50579
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Slow Code wrote:

> Welcome to the new world of ham radio. That'll be thirty-nine dollars
> and here's your complimentary QST and CB radio.
>
>
> SC

SC;

Do you have any positive proof of what you are saying here? If you do
post them or drop the topic.

Dave WD9BDZ

1306. Re: 10 meter mobile antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 00:11:05 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <tSc%g.15546$GR.14814@newssvr29.news.prodigy.net>
Source record: 50581

Merlin-7 KI4ILB wrote:
> Now all I need to figure out is how to keep the 10 meter and 11 meter
> antennas from interacting too bad or place them in such a way that the
> interaction does something that is usefull...

Here's an idea. Use the 11 meter antenna for 10 meter
operation by switching in a series capacitor. All you
need to do is to neutralize the small amount of inductive
reactance on 10m caused by the antenna being a tad too
long. The capacitor could be switched in and out by a relay.
I get a value of ~330 pf to perform that function. The
SWR on 10m will actually be better than it is on 11m.

Or you could use the capacitor with the second 102 inch
vertical without having to cut it.
--
73, Cecil http://www.w5dxp.com

1307. Re: 10 meter 11 meter antenna interaction

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 00:11:33 UTC
From: Mark@kb9rqz.aprs
Message-ID: <sgmqj2hjh7j0jmknc4i2ds78u6eh757v34@4ax.com>
Source record: 50580
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

On Mon, 23 Oct 2006 18:57:34 -0500, "David G. Nagel" <nagel@core.com>
wrote:

>Slow Code wrote:
>> "Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in
>> news:ceb%g.5973$_u4.2808@tornado.southeast.rr.com:
>>
>>
>>> OK, the next problem I will be haveing is The interaction between my 10
>>>meter whip and the 11 meter whip.
>>> Removeing the CB is not an option, I need it for work.
>>>
>>>I will be adding the 10 meter whip to a 4door Dodge ram pickup.The two
>>>antennas that are on the truck now are mounted with stake hole mounts
>>>(the holes in the bed rail behind the driver and passenger)
>>>
>>>The 11 meter and the 10 meter rigs will not be on at the same time.
>>>
>>>How would you place the antennas to keep the interaction as low as
>>>possible or use the ineraction in some way.
>>>
>>> Thanks
>>> joe
>>
>>
>>
>>
>> Breaker, Breaker, good-buddy, got yer ears on?
>>
>> Get rid of the eleven meter rig and antenna. Be a ham, not a CB'er, or
>> are you too lazy to learn and use CW?
>>
>> SC
>
>
>Sc;
>
>The man said he uses CB for his work not his play. Either help him or
>get lost.
>
>Dave WD9BDZ
an excelant point he can't legaly use his Ham gear for work
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1308. Re: Would you join the ARRL if you found out they were only interested in selling memberships?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 00:12:42 UTC
From: Mark@kb9rqz.aprs
Message-ID: <djmqj2hppbhrgnk4mgntv901v53setidg0@4ax.com>
Source record: 50582
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Mon, 23 Oct 2006 19:07:55 -0500, "David G. Nagel" <nagel@core.com>
wrote:

>Slow Code wrote:
>
>> Welcome to the new world of ham radio. That'll be thirty-nine dollars
>> and here's your complimentary QST and CB radio.
>>
>>
>> SC
>
>
>SC;
>
>Do you have any positive proof of what you are saying here? If you do
>post them or drop the topic.
>
>Dave WD9BDZ
proof is alien to this mans mind
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1309. Re: 10 meter 11 meter antenna interaction

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 00:22:33 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <d1d%g.15551$GR.6452@newssvr29.news.prodigy.net>
Source record: 50583

Merlin-7 KI4ILB wrote:
> The 11 meter and the 10 meter rigs will not be on at the same time.
> How would you place the antennas to keep the interaction as low as possible
> or use the ineraction in some way.

Avoid any interaction at all by switching in a 330 pf
series capacitor for 10m operation and use one vertical
for both bands.

But before you do anything, measure the SWR of that
102 inch vertical on 10m. EZNEC says it will be only
about 1.5:1, close enough to a match for most people.

Or compromise and cut the vertical to resonance on a
frequency half way between 11m and 10m. I'll bet the
SWR will be acceptable on both bands.
--
73, Cecil http://www.w5dxp.com

1310. Re: 10 meter 11 meter antenna interaction

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 00:31:43 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <P9d%g.4465$337.3385@southeast.rr.com>
Source record: 50584
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

It seems you were to lazy to find out that I already passed my code class.
For your information I use the CB to talk to truckers when I go into areas
Hit by hurricanes.
I was in gulf port mississippi 2 days after the hurricane hit that area
last year. The year befor I was in Florida 2 days after the hurricanes hit.
You see I dry out flooded buildings ...mostly hospitals...BTW I gave My 2
meter rig to the local EOC in gulf port last year. They needed it more than
I did.

So I use the CB to find out what roads are open, where the last place to
get fule is etc. We haul in most of our own fuel but we have to be able to
get fule for our big generators... And we also use the CB to talk to each
other on the road. we have had convoys of over 20 trucks ....
>
So the CB has to stay...
Joe
>
>
> Breaker, Breaker, good-buddy, got yer ears on?
>
> Get rid of the eleven meter rig and antenna. Be a ham, not a CB'er, or
> are you too lazy to learn and use CW?
>
> SC

1311. Minimizing Common Mode Currents by Simple Grounding?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 00:41:37 UTC
From: Brian Kelly <kelly@dvol.com>
Message-ID: <1161650497.927010.19280@h48g2000cwc.googlegroups.com>
Source record: 50585

I'm in the process of stringing two base-fed half wave verticals up in a big beech tree, they're Dale Parfitt's End Fedz dipoles for 20 & 15M. These antennas are described on this Web page:

http://www.universal-radio.com/catalog/hamwire/4456.html

It seems to me that I have three options for feedline common mode current minimization/elimination. Beads, coiled coax chokes which is a quagmire I don't want to get into and plain old grounding. It's the "plain old grounding" option I'd like to run past the gurus around here for reality checks on my thinking.

The matching networks will be 12" - 18" inches above the the surface and fed with 8X coax. The tops of eight foot ground rods will be directly (+/-) below the matching network enclosures at the bases of the verticals. I'd split open the jacket of the coax and solder pigtails made from 3/8" flat braid to the coax shields just behind the PL-259 fittings then tape/goop the joints to weatherproof them. The other ends of the braid will be attached to the ground rods. There will also be some "nominal" radials attached to the ground rods.

Will this arrangement eliminate the need for the usual types of 1:1 choke baluns by taking any I3 currents on the coax shields straight to ground?

Thanks,

Brian w3rv

1312. Re: G5RV and 68ft of coax

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 00:49:00 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <t8nqj2ldp39d6mapgcelekduh05hmvsshg@4ax.com>
Source record: 50586

On Mon, 23 Oct 2006 23:52:49 GMT, John Phillips <k1bxi@verizon.net>
wrote:

John,

... clipped dissertation on how feedline loss reduces VSWR at the tx
end of the line, and how it can feed urban myths.

>to reach the shack. Of all my G5RV antennas that I have built, and I
>have built many, My conclusion is that it is a good tri-band antenna.
>80,40 and 20 mtrs. Not an "all band" antenna. 300 ohm ladder line is a
>better choice than 450 ohm. The reason is that on 40 mtrs the 1/4 wave
>length better transforms the high center impedance nearer to 50 ohms
>than 450 ohm line. On 75/80 mtrs it is a 1/8 wave length feeding a very
>low impedance which results in adding inductive reactance to the system.
>And again 300 ohm line is better than 450 ohm which adds a bit too much
>inductive reactance. It would make no difference on 20 mtrs since it is
>a 1/2 wave length there and WYSIWYG on both ends of the line. Your

I ran a series of models of a typical G5RV in inverted V
configuration, modelling feedpoint Z using NEC2, and transmission line
and tuner losses. The models are reported at
http://www.vk1od.net/G5RV/index.htm .

I refer to Figure 3 which shows nominal 450 ohm ladder line and 15m of
RG58C/U feedline.

I have rerun the model with a feedline that is the same copper
dimensions as TV ribbon available here in Australia, but air
dielectric (in the absence of reliable measured loss characteristics
of the feedline). Real TV ribbon will be very slightly lossier.

Examining the loss on 80m, 40m, and 20m, the nominal 300 ohm line is
not a clear improvement over the nominal 450 ohm line in the model
scenario.

Here are the total loss figures (open wire line, coax, tuner) for the
model scenario:

450 300
3.6 2.4 3.3
7.1 1.9 1.4
14.2 1.0 1.7

Though the 300 line is a little better at 40m, it is a little worse on
80m and 20m.

The interaction of components of a G5RV antenna system are interesting... the case of 300 line at 3.6MHz is increased loss in the open wire section (no surprises there), and decreased loss in the coax section compared to 450 line.

A lower loss 300 ohm line (ie one with thicker conductors) would perform differently. One just doesn't know unless one runs the numbers.

Perhaps a "feeling" that something works better leads to urban myths?

The optimum length of coax in a G5RV feed is zero (metres or feet).

Owen
--

1313. SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 00:49:06 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <6qd%g.4469$337.39@southeast.rr.com>
Source record: 50587

It seems that SC is too lazy to use qrz.com or read entire posts or he would know that I have my general and he would know that I use A CB for local information when I am in hurricane damaged areas.
Truck drivers always know what roads are open and where the last place to get fuel is. A CB is also nice when your in a convoy of trucks pulling generators and drying equipment.
SC you ever been in an area right after a major hurricane? I have spent months in them drying out hospitals and medical office buildings. Many time haveing to sleep in the halls of the buildings we are drying.
Say what you will but a CB has its uses and sometimes there is nothing else you could use in a hurry. When I get the phone call that we are going, I have between 3 and 6 hours to pack up and go. Besides what ever Tractor Trailers that are going with us already have CBs.
I could go into more detail about SC but I think he is starting to give Ham radio a bad name by his ignorant and insulting comments.
Joe

1314. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 01:37:39 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <D7e%g.19735$6S3.16238@newssvr25.news.prodigy.net>
Source record: 50589
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

Ian White GM3SEK wrote:
> However, it's perfectly clear that Cecil's estimate of "40-50 turns"
> needed for a 75m choke is way off.

Wouldn't you say the number of turns depends upon the
diameter of the coil? How many turns would be needed
for 75m self-resonance if one were using RG-58 wound
on a 3 inch diameter PVC pipe?

Using the inductance formula in the ARRL Handbook,
40 turns on a 3 inch diameter form at 4 TPI is
about 32 uH or about 800 ohms on 4 MHz. The
distributed capacitance would lower it even farther.
40 turns on a 3" form would be an absolute minimum
for any high SWR situation on 75m.

> Right conclusion about the choke being useless a long way above its peak
> resonance - but not the right reason for it. The true reason is the very
> simple property of a parallel LC circuit (the inductance of the coil,
> resonated by its own self-capacitance) which means that far above
> resonance its parallel impedance drops to a very low value. That's what
> makes it useless at those frequencies.

Ian, your own graphs show transmission line effects. The fact
that the phase angle does NOT go to -90 degrees and stay there
proves those are transmission line effects. Here's what the
IEEE paper says:

"The concept of coil 'self-capacitance' is an attempt to
circumvent transmission line effects on small coils when the
current distribution begins to depart from its DC behavior."

"There are a great number of formulae for coil self-capacitance.
None are of particular value for quarter-wave helical resonators
anywhere near the 90 degree point."

Your parallel self-resonance *IS* the 90 degree point. I wish
you would take time out to realize that if there were no
transmission line effects, the phase angle would go to -90
degrees and stay there. Please set up a parallel inductor
and capacitor and see for yourself what happens as one
increases the frequency past parallel resonance. The phase
angle is asymptotic to -90 degrees.

> The 4.6MHz choke does have series resonances at about 23MHz 33MHz ,but
> those cannot be said to affect the performance of the choke in any

> practical way, because the choke doesn't have any usable performance at
> these frequencies anyway.

Those grapes were probably sour anyway. :-) Ian, a lumped
circuit inductor and parallel capacitance would NOT have
those series resonances. A lumped circuit would go to a
phase angle of -90 degrees and stay there while the impedance
drops inversely proportional to frequency. Seems to me, you have
just admitted that the chokes you wound are exhibiting transmission
line effects just as I predicted. (Except for the VF error I made.)

THE CHOKE DOESN'T HAVE ANY USABLE PERFORMANCE AT THOSE HIGHER
FREQUENCIES *BECAUSE* OF THE TRANSMISSION LINE EFFECTS!!!

> Cecil keeps resolutely ignoring the reservation: "within the practical
> working range of the choke".

That's circular logic, Ian. I said that series resonant
transmission line effects limit the practical working range of
a coax choke and you disagreed. Now you have proved I am
right with your own measurements on chokes of your own design.

If those actually were lumped inductors and capacitors as you
continue to assert, THE SERIES RESONANCES THAT YOU MEASURED
WOULD NOT AND COULD NOT EXIST!!!

The series resonant transmission line effects are the *CAUSE*
of the practical working range of the choke being limited.

In a parallel LC circuit, as the frequency increases, the
capacitive reactance becomes dominant and decreases inversely
proportional to frequency. The phase angle would be asymptotic
to -90 degrees. None of the measurements look anything like that.
All of the measurements exhibit transmission line effects.

> Within the frequency range where the choke has a practically useful
> value of impedance, there are no - repeat NO - signs of transmission
> line effects. Its behaviour is purely LC, its own inductance resonating
> with its self-capacitance.

This will be the forth time I have said this, Ian. If there were
no sign of transmission line effects, the phase angle would go to
-90 degrees and stay there. If the phase angle doesn't go to -90
degrees and stay there, that is *prima facie evidence* of transmission
line effects. Lumped parallel inductors and capacitors don't exhibit
the effects measured by you on the chokes that you wound.

>> Scale the high impedance points for 75m and the low impedance
>> bumps due to transmission line effects will occur in the
>> middle of HF.
>
> Hands-on measurements prove otherwise - the spurious resonances stay
> pretty much where they were, above 20MHz.

Uhhhhh Ian, 20 MHz *IS* HF! The transmission line 1/2WL series
resonant effects are occurring in the HF range! That's why the
75m choke doesn't work on 15m!!! 20-30 MHz is 37% of HF.

> As stated above, I measured a choke which is resonant at 4.6MHz. It has
> over 1000 ohms impedance at 3.5MHz, rising to over 2k at 4MHz, so it
> would be a very good performer on both 75m and 80m.

But it wouldn't make a good performer on 15m because of the
series resonant transmission line effects. That was my point
from the beginning. (The mistake I made was forgetting that the
VF of the choke changes with frequency.)

> It is ridiculous for Cecil to describe such a choke as "misbehaving and
> a very poor design".

This thread has not been about single-band or narrow-band chokes.
We were talking about broadband chokes being able to cover three
octaves of HF. The bunched coil choke is much more narrow-banded
than helical wound chokes thus rendering them virtually useless
for broadband operation. They *misbehave* in broadband (all-HF)
applications. They are a *very poor design* for broadband (all-HF)
applications.
--
73, Cecil http://www.w5dxp.com

1315. Re: 10 meter 11 meter antenna interaction

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 01:37:41 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12jqrj5dktafu89@corp.supernews.com>
Source record: 50588
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

Merlin-7 KI4ILB wrote:
> It seems you were to lazy to find out that I already passed my code class.
> For your information I use the CB to talk to truckers when I go into areas
> Hit by hurricanes.
> I was in gulf port mississippi 2 days after the hurricane hit that area
> last year. The year befor I was in Florida 2 days after the hurricanes hit.
> You see I dry out flooded buildings ...mostly hospitals...BTW I gave My 2
> meter rig to the local EOC in gulf port last year. They needed it more than
> I did.
>
> So I use the CB to find out what roads are open, where the last place to
> get fule is etc. We haul in most of our own fuel but we have to be able to
> get fule for our big generators... And we also use the CB to talk to each
> other on the road. we have had convoys of over 20 trucks ....
>
> So the CB has to stay...
> Joe
>
>>
>>Breaker, Breaker, good-buddy, got yer ears on?
>>
>>Get rid of the eleven meter rig and antenna. Be a ham, not a CB'er, or
>>are you too lazy to learn and use CW?
>>
>>SC
>
>
>

Joe;

I was wondering what you did for hurricanes.

Don't get to upset over Slow Code. It seems that he has a problem. Just
exactly what it is I don't know but he has one. This is his way of
working off his aggressions generated by those problems.

Keep up the good work and I hope you go broke. HI HI....
Just kidding.

Dave WD9BDZ

1316. Re: SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 01:43:22 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12jqrtpkhnni38e@corp.supernews.com>
Source record: 50590

Merlin-7 KI4ILB wrote:

> It seems that SC is too lazy to use qrz.com or read entire posts or he
> would know that I have my general and he would know that I use A CB for
> local information when I am in hurricane damaged areas.
> Truck drivers always know what roads are open and where the last place to
> get fuel is. A CB is also nice when your in a convoy of trucks pulling
> generators and drying equipment.
> SC you ever been in an area right after a major hurricane? I have spent
> months in them drying out hospitals and medical office buildings. Many time
> haveing to sleep in the halls of the buildings we are drying.
> Say what you will but a CB has its uses and sometimes there is nothing else
> you could use in a hurry. When I get the phone call that we are going, I
> have between 3 and 6 hours to pack up and go. Besides what ever Tractor
> Trailers that are going with us already have CBs.
> I could go into more detail about SC but I think he is starting to give Ham
> radio a bad name by his ignorant and insulting comments.
> Joe
>
>
Joe;

I can testify as to the usefulness of CB to obtain traffic conditions.
Last year I was coming up I57 when the truck drivers started talking
about a traffic jam just up the road. They mentioned dropping of the
highway and taking side roads. This information saved me over an hour
traffic delay. My wife had taken her own car and was stuck in the
traffic jam. CB radio has it's uses.

Dave WD9BDZ
former KBH1602

1317. Re: G5RV and 68ft of coax

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 01:44:10 UTC
From: John Phillips <k1bxi@verizon.net>
Message-ID: <Kde%g.1165$%T3.971@trndny03>
Source record: 50591

Owen Duffy wrote:

> Perhaps a "feeling" that something works better leads to urban myths?
>
> The optimum length of coax in a G5RV feed is zero (metres or feet).
>
> Owen
> --

No argument there Owen, When I think back I remember at one time I used a commercial open wire TV line made by Saxton. It said it was a 300 ohm line. I suspect it was more like 400-500 line since it was #18 copperweld with a polystyrene spacer about every 2" with a wire spacing of about 7/8" That seemed to work the best on 75 as I remember. Go's along with what you have modeled I guess.

I've often thought I would like to lengthen the 300 or 450 line by a factor of 3 and still use a short length of coax just to get outside the shack. Is there such a thing as end effect with a feed line when computing multiple 1/2 wave lengths? Or do I just cut long, short the far end, and trim it using my MFJ-259. Also will the MFJ-259 be accurate when used in this manner with a line that is not 50 ohms? I think so, but not sure.

My only reason for using the G5RV at this QTH is that the 102' length just fits on my small lot. And I'm sure open wire feed all the way into a real balanced tuner (Johnson Matchbox etc) would be the best. But then it's not a "real" G5RV and no more urban myths.

John K1BXI

1318. Re: G5RV and 68ft of coax

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 02:26:20 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <bmtqj2tlso0j3a8et9t1g425pq6vff9moh@4ax.com>
Source record: 50592

On Tue, 24 Oct 2006 01:44:10 GMT, John Phillips <k1bxi@verizon.net>
wrote:

...

>My only reason for using the G5RV at this QTH is that the 102' length
>just fits on my small lot. And I'm sure open wire feed all the way into
>a real balanced tuner (Johnson Matchbox etc) would be the best. But then
>it's not a "real" G5RV and no more urban myths.

John,

Perhaps you should be pleased that you can string out a 102' dipole...
that is good.

If you feed it with low loss parallel wire line (parallel wire wire
line is not synonymous with low loss) all the way to the balanced
tuner, you should be fine. If the configuration presents a load that
challenges the tuner, increase the line length a little.

Varney did make mention of the configuration using just parallel wire
transmission line, but most people don't understand that to be one of
the described variants. I would call it a G5rv, it is closer to a G5RV
than most implementations.

Owen
--

1319. Re: Routing radio signals around objects

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 03:13:37 UTC
From: jawod <jawod@fuse.net>
Message-ID: <453D84E1.4090707@fuse.net>
Source record: 50593

Denny wrote:
> Roy,
> I haven't reviewed the physics of relativity lately, but I 'believe'
> that value of C is specified as the velocity of energy propagation in a
> vacuum... SInce that limit is not violated when the wave front is
> propagating in a medium with a refractive index greater than vacuum,
> i.e. C is slower than in a vacuum, then by O'Connor's Law of
> Reciprocity the limit will not be broken if the the wave front is
> propagating a medium with a refractive index less than a vacuum, i.e. C
> is greater than in a vacuum...
>
> denny / k8do
>
Denny

I'm afraid I don't understand your post at all. Perhaps you are kidding and I am fished in. So be it.

I do not understand how EMR can travel in any medium "faster" than in a vacuum. Regarding Ray's post, I don't have a precise definition of velocity factor but I suspect it is not describing wave propagation directly. (And I am speaking as a total mathematical pedestrian :)

Negative refraction is damned puzzling ... and fascinating. Richard seems to have the best links on the subject.

John
AB8O

1320. Re: 10 meter 11 meter antenna interaction

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 04:35:05 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <ZJg%g.15867$GR2.6795@tornado.texas.rr.com>
Source record: 50594
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

"Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in message
news:P9d%g.4465$337.3385@southeast.rr.com...
> It seems you were to lazy to find out that I already passed my code class.
> For your information I use the CB to talk to truckers when I go into areas
> Hit by hurricanes.
> I was in gulf port mississippi 2 days after the hurricane hit that area
> last year. The year befor I was in Florida 2 days after the hurricanes
> hit.
> You see I dry out flooded buildings ...mostly hospitals...BTW I gave My 2
> meter rig to the local EOC in gulf port last year. They needed it more
> than
> I did.
>
> So I use the CB to find out what roads are open, where the last place to
> get fule is etc. We haul in most of our own fuel but we have to be able to
> get fule for our big generators... And we also use the CB to talk to each
> other on the road. we have had convoys of over 20 trucks ....
>>
> So the CB has to stay...
> Joe

Disregard that idiot. If it were up to him, we'd give up all voice
communication and bang code out on each other's heads like cavemen. Of
course, that really sounds like a novel idea to try on S-L-O-O-O-W Code.

1321. Re: Routing radio signals around objects

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 05:52:04 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12jrag9htunh80a@corp.supernews.com>
Source record: 50595

jawod wrote:
> . . .
> I do not understand how EMR can travel in any medium "faster" than in a
> vacuum. Regarding Ray's post, I don't have a precise definition of
> velocity factor but I suspect it is not describing wave propagation
> directly. (And I am speaking as a total mathematical pedestrian :)
> . . .

Suppose you put a 1 GHz signal into a waveguide and stopped time so you could look at it. Measure the distance taken up by one complete cycle, and you'll find that it's greater than c/f. (In a vacuum, the distance is c/f, and in a medium with velocity factor less than 1 it's less.) Now start time up again, and look at just one spot along the waveguide. Sure enough, a whole cycle goes by every ns. Sure looks like it's going faster than c. This is the phase velocity.

But if you turn the signal off at one end of the waveguide and measure how long it takes for it to disappear at the other, dang. The change travels at the group velocity, which is never faster than the speed of light.

Roy Lewallen, W7EL

1322. Re: Minimizing Common Mode Currents by Simple Grounding?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 06:55:17 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <nkcrj2d9379bfh3clhjcej91gfhe8jgoaq@4ax.com>
Source record: 50596

On 23 Oct 2006 17:41:37 -0700, "Brian Kelly" <kelly@dvol.com> wrote:

>I'm in the process of stringing two base-fed half wave verticals up in
>a big beech tree, they're Dale Parfitt's End Fedz dipoles for 20 & 15M.
>These antennas are described on this Web page:
>
>http://www.universal-radio.com/catalog/hamwire/4456.html

Hi Brian,

There are any number of curiosities about this link.
1. The antennas are marketed as half wave DIPOLES;
2. They have matching networks to 50 Ohms;
3. Some (if not all) have low power restrictions.

Why?

A half wave dipole already comes close enough to match as to beg the question: what more is necessary?

Well, the best interpretation is they are not DIPOLES at all. They are half wave monopoles which definitely demand matching. But with tinker toy sized components in that small box? Now we see why they are power restricted (those components would be toast).

>The matching networks will be 12" - 18" inches above the the surface
>and fed with 8X coax. The tops of eight foot ground rods will be
>directly (+/-) below the matching network enclosures at the bases of
>the verticals. I'd split open the jacket of the coax and solder
>pigtails made from 3/8" flat braid to the coax shields just behind the
>PL-259 fittings then tape/goop the joints to weatherproof them. The
>other ends of the braid will be attached to the ground rods. There will
>also be some "nominal" radials attached to the ground rods.

It sounds like it would be worth a try.

>Will this arrangement eliminate the need for the usual types of 1:1
>choke baluns by taking any I3 currents on the coax shields straight to
>ground?

Skip it. Go straight path to ground, and make sure the coax hugs the weeds all the way home. This will stabilize the match which is notoriously wild if you have too much cable trailing around in the open. Your concern for common mode is well founded.

Now, let's return to the technical howler of calling these antennas DIPOLES. This is marketing to the stupid, or by the stupid. Buy your own wire, and invest in quality components in a larger enclosure. This

will easily save half the cost and finding even a modest coil and cap in the junk box will save you a trip to the post office (and the cost of postage and handling). The worst you can do is equal the design. (OK, so some could do much worse.)

Still and all, the price is set at the disposable income level; buy two so you have a spare when the first one blows.

73's
Richard Clark, KB7QHC

1323. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 07:27:56 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <9povWTE8BcPFFAC+@ifwtech.co.uk>
Source record: 50597
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

Cecil Moore wrote:
>Ian White GM3SEK wrote:
>> However, it's perfectly clear that Cecil's estimate of "40-50 turns"
>>needed for a 75m choke is way off.
>
>Wouldn't you say the number of turns depends upon the
>diameter of the coil? How many turns would be needed
>for 75m self-resonance if one were using RG-58 wound
>on a 3 inch diameter PVC pipe?
>
>Using the inductance formula in the ARRL Handbook,
>40 turns on a 3 inch diameter form at 4 TPI is
>about 32 uH or about 800 ohms on 4 MHz. The
>distributed capacitance would lower it even farther.
>40 turns on a 3" form would be an absolute minimum
>for any high SWR situation on 75m.
>

I am not your offshore lab service, Cecil. If you want to back up your speculations, do your own work.

>> Right conclusion about the choke being useless a long way above its
>>peak resonance - but not the right reason for it. The true reason is
>>the very simple property of a parallel LC circuit (the inductance of
>>the coil, resonated by its own self-capacitance) which means that far
>>above resonance its parallel impedance drops to a very low value.
>>That's what makes it useless at those frequencies.
>
>Ian, your own graphs show transmission line effects. The fact
>that the phase angle does NOT go to -90 degrees and stay there
>proves those are transmission line effects. Here's what the
>IEEE paper says:
>
>"The concept of coil 'self-capacitance' is an attempt to
>circumvent transmission line effects on small coils when the
>current distribution begins to depart from its DC behavior."
>
>"There are a great number of formulae for coil self-capacitance.
>None are of particular value for quarter-wave helical resonators
>anywhere near the 90 degree point."
>

This discussion doesn't involve anybody's formula for self-capacitance. The coil resonates using whatever value of self-capacitance it has in

reality.

>Your parallel self-resonance *IS* the 90 degree point. I wish
>you would take time out to realize that if there were no
>transmission line effects, the phase angle would go to -90
>degrees and stay there. Please set up a parallel inductor
>and capacitor and see for yourself what happens as one
>increases the frequency past parallel resonance. The phase
>angle is asymptotic to -90 degrees.
>
I know what a parallel LC circuit does. The point you continue to evade is that, from VLF up to about 20MHz, this coil of cable behaves in exactly the same way.

The circuit looks inductive below the resonant frequency and capacitive above it, and passing through resonance the phase angle of the impedance flips from +90deg to -90deg... and then it stays very close to 90deg, clear up to about 20MHz. (The VNA reports angles of -88 to -89deg.)

>> The 4.6MHz choke does have series resonances at about 23MHz 33MHz
>>,but those cannot be said to affect the performance of the choke in
>>any practical way, because the choke doesn't have any usable
>>performance at these frequencies anyway.
>
>Those grapes were probably sour anyway. :-) Ian, a lumped
>circuit inductor and parallel capacitance would NOT have
>those series resonances. A lumped circuit would go to a
>phase angle of -90 degrees and stay there while the impedance
>drops inversely proportional to frequency. Seems to me, you have
>just admitted that the chokes you wound are exhibiting transmission
>line effects just as I predicted. (Except for the VF error I made.)
>
>THE CHOKE DOESN'T HAVE ANY USABLE PERFORMANCE AT THOSE HIGHER
>FREQUENCIES *BECAUSE* OF THE TRANSMISSION LINE EFFECTS!!!
>
>> Cecil keeps resolutely ignoring the reservation: "within the
>>practical working range of the choke".
>
>That's circular logic, Ian. I said that series resonant
>transmission line effects limit the practical working range of
>a coax choke and you disagreed. Now you have proved I am
>right with your own measurements on chokes of your own design.
>
>If those actually were lumped inductors and capacitors as you
>continue to assert, THE SERIES RESONANCES THAT YOU MEASURED
>WOULD NOT AND COULD NOT EXIST!!!
>

That is the usual mixture of selective quoting and false logic. What you continue to overlook is that the behaviour all the way from DC

through the 4.7MHz resonance and onward up to about 20MHz can be accurately represented by nothing more elaborate than a simple LCR circuit. The fall in impedance from the resonant frequency up to about 20MHz is completely accounted for by just those three simple parameters: two reactances and one fixed loss resistance in parallel.

Above that frequency there are effects that the simple LCR model cannot account for. I have always said so, and yes, a transmission-line model could account for those.

>The series resonant transmission line effects are the *CAUSE*
>of the practical working range of the choke being limited.
>
That is simply not true. The limitation in working range is simply the shunting effect of the self-capacitance, which becomes increasingly important above resonance and causes a long progressive fall in impedance. This effect is very simple and entirely predictable. By 20MHz it has reduced the impedance to a hundred ohms or less, which means that the coil of cable is no use as a feedline choke for that frequency.

The series resonances above 20MHz cause further dips in impedance to only a few ohms, but those dips are quite localized in frequency. They are not the cause of the long progressive fall in impedance above the parallel resonance, which is what limits the usable bandwidth of the choke.

The challenge is still on the table, Cecil, for YOU to develop a quantified transmission-line model that will predict all the measured properties of a resonant choke over that wider range of frequencies.

The rest is snipped, because it's just you continuing your own argument with the straw-man you have manufactured. A self-resonant choke is not a wideband solution capable of cover the whole of HF. I never expected it to be, and never claimed it would be, so stop acting as if I had.

--
73 from Ian GM3SEK 'In Practice' columnist for RadCom (RSGB)
http://www.ifwtech.co.uk/g3sek

1324. Re: Would you join the ARRL if you found out they were only interested in selling memberships?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 10:43:22 UTC
From: Jeff <jeff@local.host>
Message-ID: <453df019$0$1355$834e42db@reader.greatnowhere.com>
Source record: 50598
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

```
>> Do you have any positive proof of what you are saying here? If you do
>> post them or drop the topic.
>
> I'm afraid that you can't order SC around that way. He's a *real* 20
> wpm extra, whereas you're only a nickel extra. Show some respect or
> else get off Usenet.
>

Respect has to be earned. That comes from a person's actions and what they
say, not from the fact that they possess a particular mechanical skill
(Morse in this case). So far SC had said and done very little to gain
anyone's respect; quite the opposite in fact; continual spamming of this
news group with bigoted off-topic garbage.

Jeff
```

1325. Re: Routing radio signals around objects

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 11:24:06 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1161689046.670880.224850@k70g2000cwa.googlegroups.com>
Source record: 50599

John, it's all relative...

You need to do some basic reading...
First for antenna knowledge:
Walter Maxwell's book, Reflections II - most highly recommended by me -
and will clear up why you can't just 'fold' half of the dipole EM
around the arc of a circle to get more gain...

The ARRL antenna Handbook - pay particular attention to the Smith Chart
instructional..
John Krause, W8JK's, college text on antennas called, 'Antennas'

For basic physics of EM waves
'Dummy' series on physics
Start with Richard Feynman's public lecture series of popular books,
especially his QED...
Any college level text on physics and optics..

For that special moment with a loved one:
Any popular level book on the Special Theory of Relativity...

Unfortunately for non speakers, like the language of Spanish is
spanish, the language of all science is mathematics... Get the 'Dummy"
series book on algebra and do enough of the problems so that basic
equations don't panic you... This alone will make most of the
university level science books accessible...

I'll leave the Calculus to your discretion

I use the 'Dummy' series of books for skimming any topic that I lack
the basics in... Well done for the most part - or maybe I just don't
'get' the ones I thought weren't well done, eh?..

cheers ... denny / k8do

Roy Lewallen wrote:
> jawod wrote:
> > . . .
> > I do not understand how EMR can travel in any medium "faster" than in a
> > vacuum.

1326. helical vs beam

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 11:25:15 UTC
From: ml <m@di.net>
Message-ID: <m-52BF97.07251024102006@news.verizon.net>
Source record: 50600

for sat work, wondering what antenna type might be better or if they are close

i've seen those corkscrew like, helical's and say the M2 beam, with switchable,& cir/pol

performance wise are they in the ball park, does one have a clear adv over the other in a particular circumstance??

thanks

1327. Re: Minimizing Common Mode Currents by Simple Grounding?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 13:15:34 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1161695734.262780.243290@i3g2000cwc.googlegroups.com>
Source record: 50601

Jeez RIchard, did we quaff a few too many pints of viper venom last
night? The guy asked for advice and got fanged...

Ignore Richard, Brian, his acerbic disembowling was aimed at the
purveyors of the antennas, not you...
However, having said that Richard is right as usual.. Forget those
guys...
Get some wire - Romex or THHN from Home Depot will work nicely... Or
any other source of #18 to #14 wire you can come up with...

Cut it to a half wave via formula:
983/F(mc) for 1 wave, then divide by 2 - exact length doesn't matter
because the tank circuit
will tune the antenna, just about no matter what..

Grab the nearest source of thin plastic bottle you can find that is
roughly 2" - 3" diameter...
- that bottle of designer water your sweetie carries around will work
just fine, just don't fess up when she asks if you have seen it...
And if you leave the water inside, you can tell the guys on the local
repeater, "Can you hear me now?" <oops, wrong commercial>
you can tell them that you are running so much power you had to water
cool the coils! -

Wind about 6 or 7 turns of bare wire on the bottle, spaced about a
wire diameter apart...
Get a variable cap, about 60 to 100 uuF will do nicely... Wire this
across the coil as a parallel tuned circuit...
Hook the braid of your coax to the bottom of the tank... The coax
center will have an alligator clip on it... The feed end of the antenna
goes to the top of the tank circuit <obviously>...
Tap the coil 1.5 to 2 turns up from the bottom with the alligator clip,
run low power, swing the cap and look for a dip (that is a 'dip' on the
SWR meter, not your fishing buddies)
Didn't dip did it? Probably because your tank didn't tune exactly to
the band you are on... Add or subtract turns to the tank coil until you
do see meter movement that says you are getting close... Then adjust
your tap point for that magic 1:1...

"One to one, one too one, we don't have no fun until it's one to
one"...

****
A short break for Bruno to to give me my medicine and adjust my
restraints...
Now I feel better!

****
**

Now the counterpoise... A ground rod will work after a fashion - so
will strychnine, but that is another story...
Better is radials, as many as you can put down - length does not
matter! Drop a wire from the bottom of your tank to the radials
center..
Better yet <best!> is an elevated counterpoise, half wave long, 2 feet
or higher above ground, the bottom of the tank/coax is tapped to the
center of the counterpoise... Ground rod is unnecessary, unless you
want to put an RF choke from the bottom of the tank to ground just to
bleed static electricity... Your call... The ground rod does nothing
otherwise, and may actually harm your antenna pattern if connected
directly to the tank...
(I know, I know, that's not what they taught you in Sunday School...
It's a cold, cruel world out there.)

Now the common mode choke... Well, you can order a premade choke from
WX0B (great folks, solid products, but definitely not cheap)
Or you can order a 0.5" X 4" iron powder rod from the usual suspects,
then get Formvar magnet wire and wind 6 bifilar turns on it... Then
solder this whole gaschmazz between the tank and the coax... It will
work nicely...
Or, you can stop reading all the Hennie Pennies who run around clucking
that the sky is falling down, wind 6 turns of your coax on a plastic
pail in about 90 seconds, and go for a beer because you are done - and
you have the best choke that money can buy...

BTW, you only have to put up one antenna for 20 because with a bit of
experimenting and a jumper or two, you can find the magic coil taps for
15 meters, also...

OK, Bruno says I will take a nap NOW, before I cause any more problems
on here....

denny / k8do

1328. Re: Would you join the ARRL if you found out they were only interested in selling memberships?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 13:15:58 UTC
From: Mark@kb9rqz.aprs
Message-ID: <1f4sj21kaa9riksejr1fhvfsdfvjvmst1p@4ax.com>
Source record: 50602
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Tue, 24 Oct 2006 11:43:22 +0100, "Jeff" <jeff@local.host> wrote:

>>> Do you have any positive proof of what you are saying here? If you do
>>> post them or drop the topic.
>>
>> I'm afraid that you can't order SC around that way. He's a *real* 20
>> wpm extra, whereas you're only a nickel extra. Show some respect or
>> else get off Usenet.
>>
>
>Respect has to be earned. That comes from a person's actions and what they
>say, not from the fact that they possess a particular mechanical skill
>(Morse in this case). So far SC had said and done very little to gain
>anyone's respect; quite the opposite in fact; continual spamming of this
>news group with bigoted off-topic garbage.
I would say instead theat respect is given out on credit but Slow
Codes Account on that subject is SERIOUSLY over drawn
>
>Jeff
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1329. Re: helical vs beam

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 13:32:17 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1161696737.570896.211880@b28g2000cwb.googlegroups.com>
Source record: 50603

> i've seen those corkscrew like, helical's and say the M2 beam, with
> switchable,& cir/pol
>
>
>
> performance wise are they in the ball park, does one have a clear adv
> over the other in a particular circumstance??

Check out the last bit of this page:

http://www.cebik.com/vhf/gh3.html

It's got the sort of comparison you're looking for...

1330. Re: Would you join the ARRL if you found out they were only interested in selling memberships?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 13:45:22 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12js67itdc8jqad@corp.supernews.com>
Source record: 50604
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Chris wrote:
> On Tue, 24 Oct 2006 11:43:22 +0100, Jeff <jeff@local.host> wrote:
>
> [bad attributions due to jeff@local.host}
>
>>>>Do you have any positive proof of what you are saying here? If you do
>>>>post them or drop the topic.
>>>
>>>I'm afraid that you can't order SC around that way. He's a *real* 20
>>>wpm extra, whereas you're only a nickel extra. Show some respect or
>>>else get off Usenet.
>>>
>
> [end of bad attributions]
>
>
>>Respect has to be earned. That comes from a person's actions and what they
>>say, not from the fact that they possess a particular mechanical skill
>>(Morse in this case). So far SC had said and done very little to gain
>>anyone's respect; quite the opposite in fact; continual spamming of this
>>news group with bigoted off-topic garbage.
>>
>
>
> Is your name David? Do you think that he can't supply his own
> answers, so you'll do it for him?
>
> You can't even quote a Usenet post properly. Work on that before
> attempting more complicated things like critiquing SC.
>

My name is David and you are not displaying anything deserving on
respect either.

David N

1331. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 14:43:24 UTC
From: Cecil Moore <w5dxp@hotmail.com>
Message-ID: <1161701003.996525.313710@k70g2000cwa.googlegroups.com>
Source record: 50605
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

Ian White GM3SEK wrote:
> I am not your offshore lab service, Cecil. If you want to back up your
> speculations, do your own work.

I posted my measurements but I am handicapped by not being able to measure any impedance above 650 ohms. But I can sure see those series resonant points with my MFJ-259B. You know, the points that your lumped circuit model says do not exist?

> I know what a parallel LC circuit does. The point you continue to evade
> is that, from VLF up to about 20MHz, this coil of cable behaves in
> exactly the same way.

And falls apart above 20 MHz because of transmission line effects. Your lumped circuit model is a subset of the distributed network model. Of course, they will give similar results up to the point where the lumped circuit model falls apart.

> The circuit looks inductive below the resonant frequency and capacitive
> above it, and passing through resonance the phase angle of the
> impedance flips from +90deg to -90deg... and then it stays very close to
> 90deg, clear up to about 20MHz.

Yes, both models give similar results up to 20 MHz which is about half way around the Smith Chart. Then your model falls apart. The fact that the phase angle departs radically from -90 degrees in reality when your model predicts that it should stay at -90 degrees is prima facie evidence that your model has fallen apart. Your own phase graphs contradict what you are saying.

> That is the usual mixture of selective quoting and false logic. What
> you continue to overlook is that the behaviour all the way from DC
> through the 4.7MHz resonance and onward up to about 20MHz can be
> accurately represented by nothing more elaborate than a simple LCR
> circuit. The fall in impedance from the resonant frequency up to about
> 20MHz is completely accounted for by just those three simple parameters:
> two reactances and one fixed loss resistance in parallel.

Just proving that the lumped circuit model is a subset of the distributed network model and the two results are expected to be similar. But your model falls apart above 20 MHz where the transmission line effects are obvious.

> Above that frequency there are effects that the simple LCR model cannot
> account for. I have always said so, and yes, a transmission-line model
> could account for those.

I certainly don't remember you ever saying that but we are making progress. You are agreeing with me and we seem to have little argument left. What I seem to remember you saying is that it is "ridiculous" to model a parallel self-resonant choke as a transmission line. But my memory is not as good as it once was.

> That is simply not true. The limitation in working range is simply the
> shunting effect of the self-capacitance, which becomes increasingly
> important above resonance and causes a long progressive fall in
> impedance. This effect is very simple and entirely predictable. By 20MHz
> it has reduced the impedance to a hundred ohms or less, which means that
> the coil of cable is no use as a feedline choke for that frequency.

Your rose colored glasses are giving you false images. In the earlier example, the 12 turn choke had a maximum choking impedance at 15 MHz. At 23 MHz, the phase angle goes to -88 degrees just as both models predict. At 32 MHz, the phase angle is back to +20.4 degrees. Using your lumped circuit model, how does the phase angel get back to +20.4 degrees with that lumped capacitance dominating???

Ian, IF YOU ANSWER ONLY ONE QUESTION, PLEASE ANSWER THIS ONE. Exactly how does the phase angle get to +20.4 degrees at the exact time that your lumped circuit model is predicting -90 degrees??? (That's a 541% error!)

> The series resonances above 20MHz cause further dips in impedance to
> only a few ohms, but those dips are quite localized in frequency. They
> are not the cause of the long progressive fall in impedance above the
> parallel resonance, which is what limits the usable bandwidth of the
> choke.

You are attempting to use petitio principii to prove the validity of your model and I think you know that is a no-no. A similar long progressive fall happens with the distributed network model but it accurately predicts the transmission line effects proved by the bumps in the phase graphs that you provided.

Back to the previously discussed 12 turn choke. The impedance at 23 MHz is 955 ohms at -88 degrees, almost purely capacitive. Your "long progression" model would predict 686 ohms at -89 degrees for 32 MHz. Yet at 32 MHz, the impedance is measured to be 258 ohms at +20.4 degrees. Your lumped circuit "long progressive fall" model could not be any more wrong. Your impedance is off by 166% and your phase is off by 541%.

Please note that if your lumped circuit model were correct, the choke would still be performing pretty well at 32 MHz with a choking impedance of 686 ohms. Your above statement is thus proved false by the measured data.

> The challenge is still on the table, Cecil, for YOU to develop a
> quantified transmission-line model that will predict all the measured
> properties of a resonant choke over that wider range of frequencies.

My model, although not perfect, yields more accurate results than your model over that wider range of frequencies. My model predicts the bumps in the phase graphs. Your model predicts zero bumps in the phase graphs. Yet the bumps are obvious on your phase graphs. My model, a superset of yours, sure doesn't produce errors like 541%.
--
73, Cecil, w5dxp.com

1332. Re: Would you join the ARRL if you found out they were only interested in selling memberships?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 14:49:19 UTC
From: Jeff <jeff@local.host>
Message-ID: <453e29c4$0$1355$834e42db@reader.greatnowhere.com>
Source record: 50606
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

> [bad attributions due to jeff@local.host}
>> >> Do you have any positive proof of what you are saying here? If you do
>> >> post them or drop the topic.
>> >
>> > I'm afraid that you can't order SC around that way. He's a *real* 20
>> > wpm extra, whereas you're only a nickel extra. Show some respect or
>> > else get off Usenet.
>> >
> [end of bad attributions]

If you bothered to read my post there were NO attributions at all , just
quotes from the previous message in the thread that required no attribution.
So none of them were "Bad".

>> Respect has to be earned. That comes from a person's actions and what
>> they
>> say, not from the fact that they possess a particular mechanical skill
>> (Morse in this case). So far SC had said and done very little to gain
>> anyone's respect; quite the opposite in fact; continual spamming of this
>> news group with bigoted off-topic garbage.
>>
>
> Is your name David? Do you think that he can't supply his own
> answers, so you'll do it for him?

No my name is not David, as it clearly said at the end of the message. I was
not replying on David's behalf, merely commenting on the fact that respect
is not something that comes merely with an ability or a qualification; it
has to be earned by words and deeds. SC has not demonstrated anything here
that would earn respect; quite the opposite in fact.

> You can't even quote a Usenet post properly. Work on that before
> attempting more complicated things like critiquing SC.

Critiquing SC is not difficult, his rantings make that task very easy, Even
if his arguments did have any merit, his off-topic spam like postings debase
the whole point of view. It just looks like very childish behaviour.

73
Jeff
>

1333. Re: Minimizing Common Mode Currents by Simple Grounding?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 15:07:09 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <x_p%g.21185$e66.3808@newssvr13.news.prodigy.com>
Source record: 50607

Richard Clark wrote:
> Well, the best interpretation is they are not DIPOLES at all. They
> are half wave monopoles which definitely demand matching.

From the IEEE Dictionary:
"dipole antenna - any one of a class of antennas having
a radiation pattern approximating that of an elementary
electric dipole."

Is the reflector on a single-band Yagi a dipole?
--
73, Cecil http://www.w5dxp.com

1334. Re: Routing radio signals around objects

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 15:15:03 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <X5q%g.21187$e66.576@newssvr13.news.prodigy.com>
Source record: 50608

Denny wrote:
> John Krause, W8JK's, college text on antennas called, 'Antennas'

A "Best Buy" at $15.49 (1/3 the price of the ARRL Antenna Book)

http://www.abebooks.com/servlet/SearchResults?sts=t&y=11&isbn=0072321032&x=73

--
73, Cecil http://www.w5dxp.com

1335. Re: Routing radio signals around objects

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 15:18:33 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <afWdneXUbNdVs6PYnZ2dnUVZ_vOdnZ2d@comcast.com>
Source record: 50609

Ipaid almost $100 fot the 1955 edition of "Antennas" by John Kraus.

Something sounds fishy here.

/s/DD

Cecil Moore wrote:

> Denny wrote:
>
>> John Krause, W8JK's, college text on antennas called, 'Antennas'
>
>
> A "Best Buy" at $15.49 (1/3 the price of the ARRL Antenna Book)
>
> http://www.abebooks.com/servlet/SearchResults?sts=t&y=11&isbn=0072321032&x=73
>

1336. Re: Would you join the ARRL if you found out they were only interested in selling memberships?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 15:23:30 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Sdq%g.21193$e66.15893@newssvr13.news.prodigy.com>
Source record: 50610
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Jeff wrote:
> It just looks like very childish behaviour.

You figured it out, Jeff. SC is my 8 year old
trouble-making grand-nephew who doesn't know
a single character of Morse code.
--
73, Cecil http://www.w5dxp.com

1337. Re: Routing radio signals around objects

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 15:42:16 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <svq%g.21199$e66.1770@newssvr13.news.prodigy.com>
Source record: 50611

Dave wrote:
> Ipaid almost $100 fot the 1955 edition of "Antennas" by John Kraus.
> Something sounds fishy here.

It's the international paperback edition in black and
white on non-glossy paper but contains all the information
in the domestic version. (The "fishy" part is that it's
a gray market book and not supposed to be available to US
citizens.)

> Cecil Moore wrote:
>
>> Denny wrote:
>>> John Krause, W8JK's, college text on antennas called, 'Antennas'
>>
>> A "Best Buy" at $15.49 (1/3 the price of the ARRL Antenna Book)
>> http://www.abebooks.com/servlet/SearchResults?sts=t&y=11&isbn=0072321032&x=73
--
73, Cecil http://www.w5dxp.com

1338. Re: 10 meter 11 meter antenna interaction

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 17:10:02 UTC
From: nm5k@wt.net
Message-ID: <1161709802.442429.126750@b28g2000cwb.googlegroups.com>
Source record: 50612
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

Slow Code wrote:

>
> Breaker, Breaker, good-buddy, got yer ears on?
>
> Get rid of the eleven meter rig and antenna. Be a ham, not a CB'er, or
> are you too lazy to learn and use CW?
>
> SC

I guess you are a slow reader too. He already says he needs it for
work. Get a grip. Get a life. Go work some slow CW. Whatever..
Just go somewhere else to blather on about CW. I'd probably smoke
your lame ass at CW. Do you see me whining about your "slow code"?
Nope. This ain't the place for it.
MK

1339. Re: Minimizing Common Mode Currents by Simple Grounding?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 17:49:29 UTC
From: w0zv@yahoo.com
Message-ID: <1161712168.826948.270700@b28g2000cwb.googlegroups.com>
Source record: 50613

Brian Kelly wrote:
> I'm in the process of stringing two base-fed half wave verticals up in
> a big beech tree, they're Dale Parfitt's End Fedz dipoles for 20 & 15M.

I've used the duoband EF-20/40 (since replaced by the triband EF-10/20/40) for several years for portable QRP operation. The real advantage of these antennas for field operation is their light weight plus simple erection by tossing them into a tree :

http://users.vnet.net/btippett/cataloochee_divide_trail_qrp.htm

Dale W4OP is very knowledgeable and responsive. I would try a direct e-mail to him via par at parelectronics.com , however his FAQ page on the End-Fedz FAQ page states:

http://www.parelectronics.com/pdf/FAQ%20End%20Fedz.pdf

##
Q: Do the EndFedz require a ground?

A: The simple answer is no. With over 4000 antennas in the field, we know of one instance where RF was "in the shack." This occurred with the antenna directly over the operating position. Moving the antenna solved the problem. If you do ground the antenna at the matchbox, you will likely see no change in VSWR or resonant frequency. The only conditions where we were able to measure significant RF on the outer coaxial shield occurred when:

1. The coaxial length was an odd multiple of ¼ wavelength AND
2. The rig was grounded.
In this instance we measured current -7dB down from the peak antenna current.
Changing the coaxial feedline length OR removing the ground significantly reduced the currents.
##

Based on the above and my own experience (QRP rig plugged directly into the coax connector), I doubt you will need a ground. As I said before, ask Dale. He is extremely responsive and he seems to know what he is doing (see below).

http://www.parelectronics.com/index.html

73, Bill W4ZV

P.S. Since you want monobanders, you might consider rolling your own. I made one for 40m but wanted the versatility of Par's duobander for portable opertion. The designs below do require a counterpoise wire

but are quite easy to build. See multiple links at the bottom of this page for more info:

http://www.aa5tb.com/efha.html

1340. Re: Minimizing Common Mode Currents by Simple Grounding?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 18:22:56 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <hrlsj2d4etdn88jguqc2m9ab1bbu460lds@4ax.com>
Source record: 50614

On 24 Oct 2006 06:15:34 -0700, "Denny" <k8do@mailblocks.com> wrote:

>Ignore Richard, Brian, his acerbic disembowling was aimed at the
>purveyors of the antennas, not you...

Hi Denny,

Talk about new venom in old bottles. ;-)

Let's see, I offered several bits of advice:
one which you duplicated
another assuring
"Sure, go ahead!"
I also had a nod toward the vendor
"Priced to sell... Buy TWO"
and a river of tears flowed from all this; with Cecil reading from
scripture.

Is this rec.radio.amateur.DearAbby?

73's and thanx all for the entertainment,
Richard Clark, KB7QHC

1341. Re: Minimizing Common Mode Currents by Simple Grounding?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 18:28:04 UTC
From: Brian Kelly <kelly@dvol.com>
Message-ID: <1161714484.532538.35740@f16g2000cwb.googlegroups.com>
Source record: 50615

Richard Clark wrote:

Hello Richard ~ Nice to hear from you.

> On 23 Oct 2006 17:41:37 -0700, "Brian Kelly" <kelly@dvol.com> wrote:
>
> >I'm in the process of stringing two base-fed half wave verticals up in
> >a big beech tree, they're Dale Parfitt's End Fedz dipoles for 20 & 15M.
> >These antennas are described on this Web page:
> >
> >http://www.universal-radio.com/catalog/hamwire/4456.html
>
> Hi Brian,
>
> There are any number of curiosities about this link.
> 1. The antennas are marketed as half wave DIPOLES;
> 2. They have matching networks to 50 Ohms;
> 3. Some (if not all) have low power restrictions.
>
> Why?

Why am I going to use them? Because they only cost fifty bucks apiece
delivered, I only have a barefoot 100W HF xcvr and I don't have to buy
or build two tuners before it gets too cold to mess with antennas.

> A half wave dipole already comes close enough to match as to beg the
> question: what more is necessary?

If I could install classic center-fed dipoles I would. But because of
the space-restricted installation geometry I'm dealing with I can't
pull the coax off at anywhere near a 90º angle to the vertical wire,
the coax would have to droop close to and parallel to the radiators
which would cause all sorts of problems.

> Well, the best interpretation is they are not DIPOLES at all.

Well . . this is a semantics & definitions issue as an ME I'll leave
for you EEs to sort out. I'm just another hobbyist who calls any
conductive structure with it's first resonance at a half wavelemgth of
some specific frequency a "dipole" independent of where it's fed and
how it's oriented. Which of course lays me open to the prospect of
getting gored good by purists and others who have copies of the IEEE
dictionary. But that's OK, I have scars all over m'bod and have
survived nicely.

> They are half wave monopoles which definitely demand matching.

Yes, they're two of Dale's "dipoles"installed as half wave monopoles.

> But with
> tinker toy sized components in that small box? Now we see why they
> are power restricted (those components would be toast).

I don't have an amp and they're well known for being considerably
underrated as far as power handing is concerned.

> >The matching networks will be 12" - 18" inches above the the surface
> >and fed with 8X coax. The tops of eight foot ground rods will be
> >directly (+/-) below the matching network enclosures at the bases of
> >the verticals. I'd split open the jacket of the coax and solder
> >pigtails made from 3/8" flat braid to the coax shields just behind the
> >PL-259 fittings then tape/goop the joints to weatherproof them. The
> >other ends of the braid will be attached to the ground rods. There will
> >also be some "nominal" radials attached to the ground rods.
>
> It sounds like it would be worth a try.

OK, good.

> >Will this arrangement eliminate the need for the usual types of 1:1
> >choke baluns by taking any I3 currents on the coax shields straight to
> >ground?
>
> Skip it. Go straight path to ground, and make sure the coax hugs the
> weeds all the way home. This will stabilize the match which is
> notoriously wild if you have too much cable trailing around in the
> open. Your concern for common mode is well founded.

That's what I'm looking for. I've been concerned about missing
something fundamental. Apparently I have not. Onward.

> Now, let's return to the technical howler of calling these antennas
> DIPOLES.

With all due respect Richard I've babbled on enough on that topic so
I'l leave it alone and let you work it out with Dale since he done it

> This is marketing to the stupid, or by the stupid.

I wouldn't touch that comment with a ten foot pole!

http://www.eham.net/reviews/detail/3632

> Buy your
> own wire, and invest in quality components in a larger enclosure. This
> will easily save half the cost and finding even a modest coil and cap
> in the junk box will save you a trip to the post office (and the cost
> of postage and handling). The worst you can do is equal the design.
> (OK, so some could do much worse.)

I've built some number of tuners which could handle 2kW and then some
including one which used a 4" edge-wound roller inductor and a variable

cap with 1/4" plate spacing both remotely operated by giant Navy
surplus five-phase selsyns. Etc., etc., etc . . ad nauseam.

But right now all I want out of life is to get on 20 & 15 to snipe some
of the expeditions coming up this winter without having to fiddle with
the soldering iron. At some point after it warms up I'll do just what
you're suggesting, build robust tuners, use #10 wire for the radiator
and store the 100W "dipoles" for portable operations.

> Still and all, the price is set at the disposable income level; buy
> two so you have a spare when the first one blows.

I just might do that.

Thanks Richard.

> 73's
> Richard Clark, KB7QHC

Brian w3rv

1342. Re: Hf Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 18:30:40 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <kZs%g.15770$GR.9009@newssvr29.news.prodigy.net>
Source record: 50616
Cross-posted to: rec.radio.amateur.antenna,alt.ham-radio.hf

Ian White GM3SEK wrote:
> I think WA2SRQ's advice is one-sided, because it fails to recognize the
> benefit of bunching the cable together - namely that it moves the whole
> resonance curve downward (due to the increased self-capacitance) without
> needing to increase the length of cable. For someone who wants a
> low-band choke, that is a Very Good Thing. The poorer performance at
> higher frequencies is the obvious natural tradeoff for having moved the
> whole resonance curve downward - but that doesn't make it a "poor design".

Ian, I forgot to congratulate you on making a purse
out of a sow's ear. Or is it a pig in a poke? :-)
--
73, Cecil http://www.w5dxp.com

1343. Re: Minimizing Common Mode Currents by Simple Grounding?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 18:36:34 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <S2t%g.15772$GR.9805@newssvr29.news.prodigy.net>
Source record: 50617

Brian Kelly wrote:
> Well . . this is a semantics & definitions issue as an ME I'll leave
> for you EEs to sort out. I'm just another hobbyist who calls any
> conductive structure with it's first resonance at a half wavelemgth of
> some specific frequency a "dipole" independent of where it's fed and
> how it's oriented. Which of course lays me open to the prospect of
> getting gored good by purists and others who have copies of the IEEE
> dictionary.

Actually Brian, the IEEE Dictionary seems to agree with you.
It doesn't say a thing about the feedpoint position of dipoles.
Is an OCF a dipole? Is it a dipole if one of the poles is only
one inch long? The IEEE Dictionary seems to say that anything
that walks like a dipole, talks like a dipole, and radiates
like a dipole *is* a dipole, by definition. :-)
--
73, Cecil http://www.w5dxp.com

1344. NEC-1.2 compile error with g77 FORTRAN

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 19:01:46 UTC
From: WaveMaker <wavemaker@pookmail.com>
Message-ID: <1161716506.010635.52450@e3g2000cwe.googlegroups.com>
Source record: 50618

I downloaded the NEC source code from http://www.qsl.net/m5aiq/nec.html

My compiler is GNU FORTRAN (g77).

The compile error is: "Reference to intrinsic function 'SECNDS' as if
it were a subroutine at (^)"

My FORTRAN is a bit rusty, before I go climb that hill, can a wise old
coder offer a fix?

1345. Re: dipole antenna using "chip antennas"

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 19:27:39 UTC
From: electro <electromagnetic377@yahoo.com>
Message-ID: <1161718058.940369.49370@i3g2000cwc.googlegroups.com>
Source record: 50619

hi ralf,

im intending to use it in the unlicensed 2.4GHz using at 1W maximum
power...
thanks!

Ralf Ballis - DL2MRB wrote:
> electro wrote:
>
> > any suggestions, comments , or recommendations?
>
> Maybe with a little bit of more information about frequency, rx tx or both,
> if both witch power range, etc.
>
> Regards,
>
> Ralf
> --
> Vy 73 es 55 de Ralf, DL2MRB

1346. Re: NEC-1.2 compile error with g77 FORTRAN

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 20:23:28 UTC
From: Brian Howie <brian@nospam.demon.co.uk>
Message-ID: <2hl92uCAZnPFFwD4@b-howie.demon.co.uk>
Source record: 50620

In message <1161716506.010635.52450@e3g2000cwe.googlegroups.com>,
WaveMaker <wavemaker@pookmail.com> writes
>I downloaded the NEC source code from http://www.qsl.net/m5aiq/nec.html
>
>My compiler is GNU FORTRAN (g77).
>
>The compile error is: "Reference to intrinsic function 'SECNDS' as if
>it were a subroutine at (^)"
>
>My FORTRAN is a bit rusty, before I go climb that hill, can a wise old
>coder offer a fix?
>
It's used to work out execution time

There is a call to a subroutine SECNDS . SECNDS is a built in function
in gnu FORTRAN that interrogates the computer clock

http://gcc.gnu.org/onlinedocs/gcc-4.0.3/gfortran/SECNDS.html

remove the "CALL" and it should work

Brian GM4DIJ
--
Brian Howie

1347. Re: Minimizing Common Mode Currents by Simple Grounding?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 20:26:18 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <1arsj2l8t4hqal7lei5v2egq8hhmtkpft4@4ax.com>
Source record: 50621

On 24 Oct 2006 11:28:04 -0700, "Brian Kelly" <kelly@dvol.com> wrote:

>> Why?
>
>Why am I going to use them?

No. The "why?" was a rhetorical question about the three conditions
that were in conflict.

A halfwave dipole will match without need for extraneous components,
barring a choke which is for the consideration that brought you here.

>Because they only cost fifty bucks apiece

Priced to sell. How anyone can have grief with this is a mystery, but
you cannot imagine the mail that came my way. I enjoyed the mail, by
the way; however, only Dear Abby posts mail for response and education
to the interested.

>If I could install classic center-fed dipoles I would. But because of
>the space-restricted installation geometry I'm dealing with I can't
>pull the coax off at anywhere near a 90ï¿½ angle to the vertical wire,
>the coax would have to droop close to and parallel to the radiators
>which would cause all sorts of problems.

That is perfectly reasonable. If you have room for a halfwave end fed
wire, then you have room for the same sized sleeve dipole. Guess
what? It doesn't need matching as that comes free with the antenna.
It answers your problem about the 90ï¿½ angle: the feed comes out the
sleeve to exactly the same point the TWO you are buying do.

>> Well, the best interpretation is they are not DIPOLES at all.
>
>Well . . this is a semantics & definitions issue as an ME I'll leave
>for you EEs to sort out.

Hams (amateurs) use the same distinction; I'm afraid you are only
going to see the argument among "professionals" notably those late to
the linear world.

>> They are half wave monopoles which definitely demand matching.
>Yes, they're two of Dale's "dipoles"installed as half wave monopoles.

Hmm, rhetorically, you've just slipped into the abyss. Four
quarterwave elements? And how are you going to feed them? Two
halfwave elements? Didn't you say you had space limitations? Of
course you did.

If you were on the air and described your grounded dipole with a
matching box, I guess you would have a lot of rag-chewing in line.

>
>> But with
>> tinker toy sized components in that small box? Now we see why they
>> are power restricted (those components would be toast).
>
>I don't have an amp and they're well known for being considerably
>underrated as far as power handing is concerned.

I would have thought that might be part of the ad copy. I do note
that several are rated for less than 100W. I find that curious too
for a matching box that lends only .12dB loss.

That is about 1W of heat, not that I'm complaining, after all, a
Christmas tree bulb burns more heat than that and I would hardly call
that loss a limiting factor that demands derating from barefoot. A
copper coil can certainly tolerate that much heat - or just use bigger
wire.

OH! The capacitor will flash over? What are we talking about the
difference in a buck for a better cap? 5$? 10$?

Do we save $30 from NOT ordering the $50 backup, to simply change out
the under-rated cap for $20? Myself, I would pot the existing cap and
see what happens first (10 cents worth of epoxy).

That would change the tuning? OMIGOD!

>I've been concerned about missing
>something fundamental. Apparently I have not. Onward.

and upward.

73's
Richard Clark, KB7QHC

1348. Re: NEC-1.2 compile error with g77 FORTRAN

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 20:37:55 UTC
From: Arie <4nec2@gmx.net>
Message-ID: <1161722275.008855.313030@i3g2000cwc.googlegroups.com>
Source record: 50622

WaveMaker schreef:

> I downloaded the NEC source code from http://www.qsl.net/m5aiq/nec.html
>
> My compiler is GNU FORTRAN (g77).
>
> The compile error is: "Reference to intrinsic function 'SECNDS' as if
> it were a subroutine at (^)"
>
> My FORTRAN is a bit rusty, before I go climb that hill, can a wise old
> coder offer a fix?

You could download my slightly modiefied Nec2 source code at
http://home.ict.nl/~arivoors/Nec2dXS_src.zip

I once encountered similar problems. You could compare both sources to
see what I changed to overcome the error message.

Arie.

1349. Re: RoomCap Antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 21:16:21 UTC
From: Felix <Felix.2g7b7q@news.radiobanter.com>
Message-ID: <Felix.2g7b7q@news.radiobanter.com>
Source record: 50623

Hi,
many of you have been waiting long time for user
evaluations of the RoomCap antenna.
Here follows two recent reports:

(posted by Felix Meyer HB9ABX)

They speak for themself.

Betreff: Bravo -Room Cap Antenna
Datum: Fri, 20 Oct 2006 18:59:12 -0700 (PDT)
Von: Paul Ragany VE3UNF <........>
An: hb9abx.......

Hi Felix :

I have built the 20 meter version and it has reached more
than my expectations.
The antenna is fantastic - It is unbelieveable- I have been
comparing it to my G5RV and it out performs the G5RV .

Details:
Most tests were conducted between Tampa (Florida), my
location, and Toronto (Canada), VE3ZUH, over a distance
of 1700 km (1060 miles), using an FT-747 with 75 W output.

After two weeks, the results of my testing with VE3ZUH far
exceeded my expectations . VE3ZUH consistantly reports
2 s units better on the Roomcap compared to my G5RV.
I check in to the Maritime Net everyday on 14300.0 and
I consistantly get a strong 5 and 9 report from the net controllers
who are scattered all over the U.S. at various times of the day.
With the G5RV I get 5 and 8 to 5 and 9 reports.

On DX on Oct 19th I talked to OH2BH and OT4A (Belgium) -
they report 5 and 9 for my signal and I receive them at 5 and 7 .
On Oct 20th talked to Rob -HA503 FIN -special event station
in Hungary -he reports a 5 and 9 and I receive him at 5 and 7.
The G5RV was hearing 4 and 3to 5.

On receive, I average about 2 s units better about 50% of the time.
The signals are the same about 25% of the time and the G5RV
is about 2 s units better the other 25% of the time. I attribute that
to the 180 directionality if the G5RV (north/south).

Thanks for everything and we'll keep in touch, 73

Paul A Ragany VE3UNF

PS: The G5RV is 2 x 15,8 m about 9m above ground.
The RoomCap has a radiator of 1,5 m length,
installed on a wooden stand 1,2 m above ground.

Betreff: RE: hb9abx antenna
Datum: Sat, 21 Oct 2006 15:52:40 +0200
Von: jeveraert ON6EJ@.......
An: hb9abx@.......

Hello Felix,

On my way back from work (Italy) to home (Belgium)
I had some time to visit you in Basel.

I was searching for a good antenna that is small in size.
Thanks to the Internet, I came across your website where
you published some information about your newly designed
RoomCap antenna.

I expected to see a mobile antenna that performed well,
I have seen other portable and mobile antennae, so I have
an idea as to what I might expect.
What I have seen was an antenna that, due to it�s design,
looked a little bit bulky.
This (maybe) disadvantage ��look�� was quickly forgotten
when we made the first QSO�s.

As simple as it can be, from the car with the TS50,
several qso�s were made.

No comparison with what I have experienced before
during other mobile HF operations.
Signal reports obtained were outstanding, even when
using a transmit power power of 10 Watts !

My impression of this antenna is very positive.
I�ve never seen any antenna performing like the one
you have on your car ! (taken into account the size of it)

I�m very glad that I�m now able to build my own.
Thank you for the good work !

Best Regards

Jan, ON6EJ

--
Felix

1350. Re: my new antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 21:36:24 UTC
From: bookburn@yahoo.com
Message-ID: <ma1tj29m130klnqvimi9q7atp4bdteer1c@4ax.com>
Source record: 50624

On Fri, 15 Sep 2006 13:38:57 -0800, bookburn@yahoo.com wrote:

>On Wed, 06 Sep 2006 09:20:18 -0800, bookburn@yahoo.com wrote:
>
>>The exciting news I have is that I decided to buy a discone antenna
>>matching my IC PCR1500 wideband receiver. Getting an AOR DS3000A,
>>"capable of covering 75 to 3000 MHz. . . . It is only 2.9 feet
>>(0.87m) tall and weighs 1.55 Lbs. This antenna can be used for
>>transmit on 144, 430, 904 and 1200 MHz ham bands (under 50 watts)."
>>
>>Comes with a cable using N connectors, so now I have to decide on
>>using an adapter going from N to BNC plug or soldering on the BNC
>>connector I need. Or I could probably get a good cable with the right
>>connectors at eBay.
>>
>>Cost from Universal Radio was $126, which seems like a lot, but I did
>>my homework narrowing down the choices from WinRadio, which was the
>>only other covering the range my receiver can pull in, and a couple
>>others with use extending only to 1300 MHz.
>>
>>Just gonna use my rig in an apartment, so the small antenna will just
>>be like a Christmas tree in the corner. Robinson Carusoe
>
>Okay, I have received my AOR DS3000A and have the following items to
>report about assembly.
>
>1. The assembly instructions don't square with the package contents
>in a couple ways:
> a) there's a small package of lock washers included, but no
>mention of their use;
> b) two screws securing the support mast to the mounting are
>mentioned, but one is included for the two holes in the mast and screw
>points in the mounting. To install the support mast as described you
>will have to drill an additional hole at the place corresponding to an
>screw site.
>
>2. More of a problem is the fact that screw points in the mounting
>are directly under antenna elements angling down, preventing
>installment of both for lack of clearance. Either you install the
>antenna element and try to use another mast screw that's short enough
>to allow clearance from the antenna element; or you install the
>(single) mast screw and leave off the nut on the antenna element.
>
>I'm disappointed in this kind of poor engineering and careless

>packaging, but maybe I can work around these cosmetic problems without
>sending it all back. Will update with comment about how it performs
>after a while. bookburn

My latest judo move on the antenna I bought is that I returned the product to the seller, Universal Radio, called them a month later about an adjustment, had good success getting them to explain its assembly despite the directions, and agreed to have them send it to me again at their expense.

It was a tempest in a teapot anyways, because I only need the antenna for my apartment, which doesn't require assembly to a mast. I have it hanging in front of a window, and it looks like a little 2' Christmas tree. I wonder what will happen to signals if I put tinsel on it.

So the end of the story is that it functions okay, I'm okay with Universal Radio for doing me right, and thh'at's all ff'olks.

Robinson Carusoe

1351. Re: dipole antenna using "chip antennas"

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 21:49:11 UTC
From: Ralf Ballis - DL2MRB <dl2mrb@arcor.de>
Message-ID: <453e8ada$0$18837$9b4e6d93@newsspool4.arcor-online.net>
Source record: 50625

Chip antennas ? that I know, are conceptual monopoles. With an balun could
build an open dipole.
Using of diversity is a useful way to compensate polarity and directional
divergences in an array of them.
So the question is, why it must be a dipole?

Regards,

Ralf
--
Vy 73 es 55 de Ralf, DL2MRB

1352. Re: Minimizing Common Mode Currents by Simple Grounding?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 21:55:29 UTC
From: Brian Kelly <kelly@dvol.com>
Message-ID: <1161726929.059853.72400@m7g2000cwm.googlegroups.com>
Source record: 50526

Denny wrote:
> Jeez RIchard, did we quaff a few too many pints of viper venom last
> night? The guy asked for advice and got fanged...

I know how to fang back. Ask Cecil if I'm always a nice guy.

> Ignore Richard, Brian, his acerbic disembowling was aimed at the
> purveyors of the antennas, not you...

Understood.

> However, having said that Richard is right as usual.. Forget those
> guys...
> Get some wire - Romex or THHN from Home Depot will work nicely... Or
> any other source of #18 to #14 wire you can come up with...
>
> Cut it to a half wave via formula:
> 983/F(mc) for 1 wave, then divide by 2 - exact length doesn't matter
> because the tank circuit
> will tune the antenna, just about no matter what..

Yup. Been there done all that many times.

> Grab the nearest source of thin plastic bottle you can find that is
> roughly 2" - 3" diameter...
> - that bottle of designer water your sweetie carries around will work
> just fine, just don't fess up when she asks if you have seen it...

. . . I'm an unattached old hermit . . no broad in her right mind would
live here with me.

> And if you leave the water inside, you can tell the guys on the local
> repeater, "Can you hear me now?" <oops, wrong commercial>
> you can tell them that you are running so much power you had to water
> cool the coils! -

I like it!

> Wind about 6 or 7 turns of bare wire on the bottle, spaced about a
> wire diameter apart...
> Get a variable cap, about 60 to 100 uuF will do nicely...

Been collecting variable caps for years for this purpose.

> Wire this
> across the coil as a parallel tuned circuit...
> Hook the braid of your coax to the bottom of the tank... The coax
> center will have an alligator clip on it... The feed end of the antenna

> goes to the top of the tank circuit <obviously>...
> Tap the coil 1.5 to 2 turns up from the bottom with the alligator clip,
> run low power, swing the cap and look for a dip (that is a 'dip' on the
> SWR meter, not your fishing buddies)
> Didn't dip did it? Probably because your tank didn't tune exactly to
> the band you are on... Add or subtract turns to the tank coil until you
> do see meter movement that says you are getting close... Then adjust
> your tap point for that magic 1:1...

Classic all the way and very much in the direction I plan to go. A few points though. I have an MFJ-259B analyzer which makes antenna tuning a piece of cake. By the time I get around to building any tuners I'll also have a grid dip meter which will take care of getting the tank circuit in-band on the bench instead of having to do it out in the weeds. And I'll probably see if I can wind coils like B&W does just because I've always admired them and it would be a challenge.

> "One to one, one too one, we don't have no fun until it's one to
> one"...

Whoever invented SWR worship needs to be shot.

>
****
> A short break for Bruno to to give me my medicine and adjust my
> restraints...
> Now I feel better!
> **********
****
>
>
> Now the counterpoise... A ground rod will work after a fashion - so
> will strychnine, but that is another story...

Back when I was furiously chasing an early five band DXCC from another location here in town I had an end-fed 130 foot inverted L and one ground rod and no radials. Used the antenna on 80 & 40 and didn't have much competition in the pileups with 500W. I've been attributing the success of that antenna to ground conditions. Dark, heavy Pennsylvania loam. This location should be even better in this respect because it's the same soil but it's damper. I have to cut down a lot of bamboo to make room around the tree for the two antennas. There's a message in that.

> Better is radials, as many as you can put down - length does not
> matter! Drop a wire from the bottom of your tank to the radials
> center..

Oops: Hold on right there. I live on a rather strange patch of ground. The property is only 65' x 45' (roughly) and it's overpopulated by five huge old hardwood trees all of them well over 75' tall, and one small cedar cabin. Radial farms are out, some radials, ground rods and

voltage-fed half wave verticals are in.

> . . . . The ground rod does nothing
> otherwise, and may actually harm your antenna pattern if connected
> directly to the tank...
> (I know, I know, that's not what they taught you in Sunday School...
> It's a cold, cruel world out there.)

I don't even start to understand this one.

> Now the common mode choke... Well, you can order a premade choke from
> WX0B (great folks, solid products, but definitely not cheap)
> Or you can order a 0.5" X 4" iron powder rod from the usual suspects,
> then get Formvar magnet wire and wind 6 bifilar turns on it... Then
> solder this whole gaschmazz between the tank and the coax... It will
> work nicely...

Never read about that one before except as they apply to filament
chokes, looks like a good alternative to a pile of beads.

> Or, you can stop reading all the Hennie Pennies who run around clucking
> that the sky is falling down, wind 6 turns of your coax on a plastic
> pail in about 90 seconds, and go for a beer

Scotch.

> because you are done - and
> you have the best choke that money can buy...
>
> BTW, you only have to put up one antenna for 20 because with a bit of
> experimenting and a jumper or two, you can find the magic coil taps for
> 15 meters, also...

'Druther be able to twist a switch inside the nice warm house to change
bands than go outside and futz with coil taps in the snow.

> OK, Bruno says I will take a nap NOW, before I cause any more problems
> on here....

Entertainement is where one finds it. Or creates it.

> denny / k8do

Thanx,

Brian w3rv

1353. Re: Would you join the ARRL if you found out they were only interested in selling memberships?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 23:13:47 UTC
From: N2EY@AOL.COM
Message-ID: <1161731627.595612.71000@m73g2000cwd.googlegroups.com>
Source record: 50527
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Cecil Moore wrote:
> Jeff wrote:
> > It just looks like very childish behaviour.
>
> You figured it out, Jeff. SC is my 8 year old
> trouble-making grand-nephew who doesn't know
> a single character of Morse code.
> --
> 73, Cecil http://www.w5dxp.com

Cecil,

I don't believe you. I think you're kidding us.

Everybody knows that 8 year olds don't act *that* childish....

73 de Jim, N2EY

1354. Re: Would you join the ARRL if you found out they were only interested in selling memberships?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 23:16:47 UTC
From: Mark@kb9rqz.aprs
Message-ID: <5k7tj2dtfu58ttggu162n7ltjmhg555b0o@4ax.com>
Source record: 50528
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On 24 Oct 2006 16:13:47 -0700, N2EY@AOL.COM wrote:

>Cecil Moore wrote:
>> Jeff wrote:
>> > It just looks like very childish behaviour.
>>
>> You figured it out, Jeff. SC is my 8 year old
>> trouble-making grand-nephew who doesn't know
>> a single character of Morse code.
>> --
>> 73, Cecil http://www.w5dxp.com
>
>Cecil,
>
>I don't believe you. I think you're kidding us.
>
>Everybody knows that 8 year olds don't act *that* childish....

my word a ppost of your I can agree with every word
indeed no kid can be that childish and it is a rare adult too

aany chance you will Top this feat Jim by apologizing for accusing a
Nocoder of being behind Slow Code truly No NoCoder could his lunch
long to be Slow code
>
>73 de Jim, N2EY
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1355. Re: Would you join the ARRL if you found out they were only interested in selling memberships?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 23:18:25 UTC
From: Robert Grizzard <grizzarv@mindspring.com.invalid>
Message-ID: <pan.2006.10.24.23.21.27.535273@pan>
Source record: 50529
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Tue, 24 Oct 2006 11:34:28 +0000, in rec.radio.swap, "Chris"
<daviesc838@nospam.alvillage.net> wrote:

> [snip]
>
> You can't even quote a Usenet post properly. Work on that before
> attempting more complicated things like critiquing SC.

PKB.

You aren't buying, selling, or swapping anything, so why are you
crossposting to rec.radio.swap? More to the point, why aren't you setting
a followup to your crosspost?

There's a plethora of information on Usenet at http://snipurl.com/10buv
Search for the word "crossposting".

HTH

HAND

F'up set.

--
To design the perfect anti-Unix, write an operating system that thinks
it knows what you're doing better than you do. And then adds injury to
insult by getting it wrong.
- esr

1356. Re: helical vs beam

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-24 23:30:16 UTC
From: ml <m@di.net>
Message-ID: <m-1C25F5.19301024102006@news.verizon.net>
Source record: 50530

In article <1161696737.570896.211880@b28g2000cwb.googlegroups.com>,
"n3ox.dan@gmail.com" <n3ox.dan@gmail.com> wrote:

> > i've seen those corkscrew like, helical's and say the M2 beam, with
> > switchable,& cir/pol
> >
> >
> >
> > performance wise are they in the ball park, does one have a clear adv
> > over the other in a particular circumstance??
>
> Check out the last bit of this page:
>
> http://www.cebik.com/vhf/gh3.html
>
> It's got the sort of comparison you're looking for...

wow, this was a great site, thanks very much !!!

i have to ponder now , what the helical ant bigger sidelobs might do
in my area

1357. dtv vs analog rfi?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 00:00:33 UTC
From: ml <m@di.net>
Message-ID: <m-BAFE50.20003324102006@news.verizon.net>
Source record: 50531

hi

not counting overload in proximity to the tv set itself was wondering

so currently we have a regular tv ant on the roof of our apt building
plain ol' free OTA broadcast aka analog signal

naturally if i tx near it with anything over 30w (my ant is physically
close to it) i start to get tvi anything from wavey lines to the set
blanking out

now when digitaltv comes out over the air

i wonder, so if i key up as same as above (assuming the dtv was on a
same freq for ex lets say both were using ch 7)

would my signal interfere? or would the dig processor in the set
still be able to get enough signal and then just decode the bits
inference free??

read alot about how immune it should be to tvi, but i wonder

tnx

1358. Re: 10 meter 11 meter antenna interaction

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 00:06:29 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <9Ux%g.12442$Lv3.3541@newsread1.news.pas.earthlink.net>
Source record: 50532
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"U-Know-Who" <no-one@nowhere.com> wrote in
news:ZJg%g.15867$GR2.6795@tornado.texas.rr.com:

> Disregard that idiot. If it were up to him, we'd give up all voice
> communication and bang code out on each other's heads like cavemen. Of
> course, that really sounds like a novel idea to try on S-L-O-O-O-W Code.

No, you can still have your microphone but you should be forced to pass
a code test before you're allowed to use it. I like 5 WPM for Tech, 13
for General, and 20wpm for Extra, but then, I'm not lazy.

SC

1359. I remember when there was a sense of pride in passing the 20 wpm CW test.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 00:06:36 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <gUx%g.12447$Lv3.2784@newsread1.news.pas.earthlink.net>
Source record: 50533
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna

New hams just don't appreciate things anymore.

SC

1360. Re: SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 00:06:42 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <mUx%g.12451$Lv3.11473@newsread1.news.pas.earthlink.net>
Source record: 50534
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"David G. Nagel" <nagel@core.com> wrote in
news:12jqrtpkhnni38e@corp.supernews.com:

> Merlin-7 KI4ILB wrote:
>
>> It seems that SC is too lazy to use qrz.com or read entire posts or he
>> would know that I have my general and he would know that I use A CB for
>> local information when I am in hurricane damaged areas.
>> Truck drivers always know what roads are open and where the last place
>> to
>> get fuel is. A CB is also nice when your in a convoy of trucks pulling
>> generators and drying equipment.
>> SC you ever been in an area right after a major hurricane? I have
>> spent
>> months in them drying out hospitals and medical office buildings. Many
>> time haveing to sleep in the halls of the buildings we are drying.
>> Say what you will but a CB has its uses and sometimes there is nothing
>> else
>> you could use in a hurry. When I get the phone call that we are going,
>> I have between 3 and 6 hours to pack up and go. Besides what ever
>> Tractor Trailers that are going with us already have CBs.
>> I could go into more detail about SC but I think he is starting to
>> give Ham
>> radio a bad name by his ignorant and insulting comments.
>> Joe
>>
>>
> Joe;
>
> I can testify as to the usefulness of CB to obtain traffic conditions.
> Last year I was coming up I57 when the truck drivers started talking
> about a traffic jam just up the road. They mentioned dropping of the
> highway and taking side roads. This information saved me over an hour
> traffic delay. My wife had taken her own car and was stuck in the
> traffic jam. CB radio has it's uses.
>
> Dave WD9BDZ
> former KBH1602

The no-coders on two meters weren't any help? Damn.

SC

1361. Re: Would you join the ARRL if you found out they were only interested in selling memberships?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 00:06:47 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <rUx%g.12455$Lv3.1220@newsread1.news.pas.earthlink.net>
Source record: 50535
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"Chris" <daviesc838@nospam.alvillage.net> wrote in
news:3dcd1b6f.91075257@alvillage.net:

> On Mon, 23 Oct 2006 19:07:55 -0500, David G. Nagel <nagel@core.com>
> wrote:
>>
>>
>> Slow Code wrote:
>>
>> > Welcome to the new world of ham radio. That'll be thirty-nine
>> > dollars and here's your complimentary QST and CB radio.
>> >
>> >
>> > SC
>>
>>
>> SC;
>>
>> Do you have any positive proof of what you are saying here? If you do
>> post them or drop the topic.
>
> I'm afraid that you can't order SC around that way. He's a *real* 20
> wpm extra, whereas you're only a nickel extra. Show some respect or
> else get off Usenet.

ROFL!

That was good, Damn that was good.

SC

1362. Re: Would you join the ARRL if you found out they were only interested in selling memberships?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 00:06:48 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <sUx%g.12456$Lv3.3527@newsread1.news.pas.earthlink.net>
Source record: 50536
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Cecil Moore <mycall@hotmail.com> wrote in
news:Sdq%g.21193$e66.15893@newssvr13.news.prodigy.com:

> Jeff wrote:
>> It just looks like very childish behaviour.
>
> You figured it out, Jeff. SC is my 8 year old
> trouble-making grand-nephew who doesn't know
> a single character of Morse code.

I always knew Uncle Cecil was the Black sheep of the family. He hates ham radio. I'm going to tell Grandpa Hiram not to invite him to the next family reunion.

SC

1363. Re: RoomCap Antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 00:10:12 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <uhatj2hp4r4c55q4gj0hdcjvv56ptdf2ev@4ax.com>
Source record: 50537

On Tue, 24 Oct 2006 21:16:21 +0000, Felix
<Felix.2g7b7q@news.radiobanter.com> wrote:

>many of you have been waiting long time for user
>evaluations of the RoomCap antenna.

We already have some old, but superlative evaluations from Wall Street
about Enron that are far more useful.

1364. Re: 10 meter 11 meter antenna interaction

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 00:14:19 UTC
From: Mark@kb9rqz.aprs
Message-ID: <s1btj25jmlmsqo212g4r53mj9gqfpbajiv@4ax.com>
Source record: 50538
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Wed, 25 Oct 2006 00:06:29 GMT, Slow Code <my.mail@no.spam> wrote:

>"U-Know-Who" <no-one@nowhere.com> wrote in
>news:ZJg%g.15867$GR2.6795@tornado.texas.rr.com:
>
>> Disregard that idiot. If it were up to him, we'd give up all voice
>> communication and bang code out on each other's heads like cavemen. Of
>> course, that really sounds like a novel idea to try on S-L-O-O-O-W Code.
>
>
>
>No, you can still have your microphone but you should be forced
forced that is what you are all about FORCE you can't persaude anybody
so you have to try and make em
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1365. sc troling right along

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 00:18:50 UTC
From: Mark@kb9rqz.aprs
Message-ID: <eabtj25bfipctjfj4kqoiti8vshfhn9f8t@4ax.com>
Source record: 50539
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna

On Wed, 25 Oct 2006 00:06:36 GMT, Slow Code <my.mail@no.spam> wrote:

>New hams just don't appreciate things anymore.

you are just a liar SC and an ignorant fool
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1366. Re: SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 00:19:53 UTC
From: Mark@kb9rqz.aprs
Message-ID: <mcbtj2l547mtmd3613qb9vuhihhoqu586h@4ax.com>
Source record: 50540
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Wed, 25 Oct 2006 00:06:42 GMT, Slow Code <my.mail@no.spam> wrote:

>"David G. Nagel" <nagel@core.com> wrote in
>news:12jqrtpkhnni38e@corp.supernews.com:
>
>> Merlin-7 KI4ILB wrote:
>>

>> Joe;
>>
>> I can testify as to the usefulness of CB to obtain traffic conditions.
>> Last year I was coming up I57 when the truck drivers started talking
>> about a traffic jam just up the road. They mentioned dropping of the
>> highway and taking side roads. This information saved me over an hour
>> traffic delay. My wife had taken her own car and was stuck in the
>> traffic jam. CB radio has it's uses.
>>
>> Dave WD9BDZ
>> former KBH1602
>
>
>The no-coders on two meters weren't any help? Damn.
and neither were the Coders it seems
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1367. To all ham radio ops.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 00:37:23 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <7ly%g.3468$2h.1349@tornado.southeast.rr.com>
Source record: 50541

Please keep in mind that what you post here reflects on all hams.

It is true that ham radio is a fun hobby but keep in mind that we are here to serve the general pubic when ever possible. Be it emergency communication, helping out local law enforcement or what ever.

When a Ham starts posting messages that contains cuss words or are insulting it reflects on the rest of us hams.

We are a self governed entity and for the most part try and help out fellow hams with any questions they may have. (The questions may seem simple even stupid sometimes) but we all have been there at one time.

I would (as most of us would) try and help out someone, rather than insult them. (what possible good can come from insults?)

Many people here have helped me out with my understanding of antennas, and I THANK YOU ALL.

Many of you have vastly more knowledge in the subject than I do and I will ask questions untill I have no more questions to ask.

After all, I can read all the books but untill you ask someone that has BEEN THERE DONE THAT, the books are just a starting point.

I just wanted to thank everyone for all there help and to remind the ones that just FLAME everyone here that maybe they forgot why they got into ham radio ...

Joe
KI4ILB
Solar powered ham radio, when all else fails ...

1368. Re: I remember when there was a sense of pride in passing the 20 wpm CW test.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 00:38:25 UTC
From: Phil Wheeler <wt6uh-ng7@yahoo.com>
Message-ID: <5my%g.12448$8C4.2660@tornado.socal.rr.com>
Source record: 50542
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna

Slow Code wrote:
> New hams just don't appreciate things anymore.
>
> SC

They just appreciate different things. The hobby
has advanced greatly since the rotary spark gap.

Not having to take a test doesn't mean you can't
operate code; or did you misread the regs?

Phil w7ox

1369. Re: SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 00:50:50 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <Kxy%g.3485$2h.981@tornado.southeast.rr.com>
Source record: 50543
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

I would be surprised if SC even knows code, more surprised if he even had a
rig up and running.
After all, why would someone that can do 20+wpm spend there time here
flameing everyone?
Besides, none of the Hams I know would never insult anyone new to ham
radio.
And they would not cross post like this......
Joe

CW is not a true ham, he has no idea what being a ham means...
Just curious
Anyone know what his call is?

1370. Re: SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 00:54:00 UTC
From: Mark@kb9rqz.aprs
Message-ID: <vadtj2tdhn9mn1hbam6ap5ijd3c56846n1@4ax.com>
Source record: 50544
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Wed, 25 Oct 2006 00:50:50 GMT, "Merlin-7 KI4ILB"
<merlin-7@sc.rr.com> wrote:

> I would be surprised if SC even knows code, more surprised if he even had a
>rig up and running.
I doubt he does or can even make a rig run at best he is likely stuck
in CCRed place that he thought he could bully
> After all, why would someone that can do 20+wpm spend there time here
>flameing everyone?
> Besides, none of the Hams I know would never insult anyone new to ham
>radio.
> And they would not cross post like this......
> Joe
>
>CW is not a true ham, he has no idea what being a ham means...
>Just curious
>Anyone know what his call is?
know it No I don't he is too cowardly to give one
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1371. Re: Minimizing Common Mode Currents by Simple Grounding?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 01:08:12 UTC
From: Brian Kelly <kelly@dvol.com>
Message-ID: <1161738492.558540.236850@i3g2000cwc.googlegroups.com>
Source record: 50545

Cecil Moore wrote:
> Brian Kelly wrote:
> > Well . . this is a semantics & definitions issue as an ME I'll leave
> > for you EEs to sort out. I'm just another hobbyist who calls any
> > conductive structure with it's first resonance at a half wavelemgth of
> > some specific frequency a "dipole" independent of where it's fed and
> > how it's oriented. Which of course lays me open to the prospect of
> > getting gored good by purists and others who have copies of the IEEE
> > dictionary.
>
> Actually Brian, the IEEE Dictionary seems to agree with you.
> It doesn't say a thing about the feedpoint position of dipoles.
> Is an OCF a dipole? Is it a dipole if one of the poles is only
> one inch long? The IEEE Dictionary seems to say that anything
> that walks like a dipole, talks like a dipole, and radiates
> like a dipole *is* a dipole, by definition. :-)

Heh. Somewhere along the line a long time ago some sage somewhere
stated that there are only two basic types of antennas, point radiators
which are really difficult to build and dipoles and their variants. The
concept stuck and I've been wearing it ever since.

> 73, Cecil http://www.w5dxp.com

Brian w3rv

1372. Re: helical vs beam

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 01:10:37 UTC
From: nx7u <nx7u@cox.net>
Message-ID: <1161738637.837141.107120@m73g2000cwd.googlegroups.com>
Source record: 50546

The main advantage of a helix is that it "gives" you circular
polarization for "free"...you don't have to phase or split anything.
The disadvantage is generally that they're relatively heavy and they do
require something of a reflector screen behind them, although there are
variants that use a ring reflector similar to what you'd see in a quad
antenna.

Helices have excellent impedance bandwidth, but really the point of
Cebik's article is that the pattern bandwidth is not nearly as large as
the impedance bandwidth. So really it's best to think of them as
single-band antennas like a yagi.

As to sidelobes specifically, you don't really care about that on
transmit for satellite work. But they are important (and to be
avoided) in receive and especially at microwave frequencies. As an
example, in the initial stages of AO-40 (2.4GHz earth receive) many
started with long (5') helices, but quickly realized that small TVRO
dishes were quite superior even though the gain of the two antennas was
about the same.

One great advantage that phased yagis have is that you can switch the
sense of circular polarization--very hard to do that with a helix.
Sometimes satellite links can be improved by switching either your
transmit or receive sense, depending on the relative satellite
orientation and motion.

ml wrote:
> for sat work, wondering what antenna type might be better or if they
> are close
>
> i've seen those corkscrew like, helical's and say the M2 beam, with
> switchable,& cir/pol performance wise are they in the ball park, does one have a clear
adv
> over the other in a particular circumstance??
>
>
> thanks

1373. Re: SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 01:51:09 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12jtgoc4hcp4e3b@corp.supernews.com>
Source record: 50547
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Slow Code wrote:
> "David G. Nagel" <nagel@core.com> wrote in
> news:12jqrtpkhnni38e@corp.supernews.com:
>
>
>>Merlin-7 KI4ILB wrote:
>>
>>
>>> It seems that SC is too lazy to use qrz.com or read entire posts or he
>>>would know that I have my general and he would know that I use A CB for
>>>local information when I am in hurricane damaged areas.
>>> Truck drivers always know what roads are open and where the last place
>>> to
>>>get fuel is. A CB is also nice when your in a convoy of trucks pulling
>>>generators and drying equipment.
>>> SC you ever been in an area right after a major hurricane? I have
>>> spent
>>>months in them drying out hospitals and medical office buildings. Many
>>>time haveing to sleep in the halls of the buildings we are drying.
>>> Say what you will but a CB has its uses and sometimes there is nothing
>>> else
>>>you could use in a hurry. When I get the phone call that we are going,
>>>I have between 3 and 6 hours to pack up and go. Besides what ever
>>>Tractor Trailers that are going with us already have CBs.
>>> I could go into more detail about SC but I think he is starting to
>>> give Ham
>>>radio a bad name by his ignorant and insulting comments.
>>> Joe
>>>
>>>
>>
>>Joe;
>>
>>I can testify as to the usefulness of CB to obtain traffic conditions.
>>Last year I was coming up I57 when the truck drivers started talking
>>about a traffic jam just up the road. They mentioned dropping of the
>>highway and taking side roads. This information saved me over an hour
>>traffic delay. My wife had taken her own car and was stuck in the
>>traffic jam. CB radio has it's uses.
>>
>>Dave WD9BDZ
>>former KBH1602
>

>
>
> The no-coders on two meters weren't any help? Damn.
>
> SC
Actually I was most likely the only ham on the road that night. Even if
I wasn't the truck drivers know the road since they drive it every day
where as very few hams do so. I generally see 100-200 CB equipped
trucks and cars for each ham equipped truck/car. You tell me which
service is better for road conditions?

Dave WD9BDZ

1374. Re: Minimizing Common Mode Currents by Simple Grounding?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 02:03:37 UTC
From: Brian Kelly <kelly@dvol.com>
Message-ID: <1161741816.963709.215120@f16g2000cwb.googlegroups.com>
Source record: 50548

w0zv@yahoo.com wrote:
> Brian Kelly wrote:
> > I'm in the process of stringing two base-fed half wave verticals up in
> > a big beech tree, they're Dale Parfitt's End Fedz dipoles for 20 & 15M.
>
> I've used the duoband EF-20/40 (since replaced by the triband
> EF-10/20/40) for several years for portable QRP operation. The real
> advantage of these antennas for field operation is their light weight
> plus simple erection by tossing them into a tree :
>
> http://users.vnet.net/btippett/cataloochee_divide_trail_qrp.htm
>
> Dale W4OP is very knowledgeable and responsive. I would try a direct
> e-mail to him via par at parelectronics.com , however his FAQ page on
> the End-Fedz FAQ page states:
>
> http://www.parelectronics.com/pdf/FAQ%20End%20Fedz.pdf
>
> ##
> Q: Do the EndFedz require a ground?
>
> A: The simple answer is no. With over 4000 antennas in the field, we
> know of one instance where RF was "in the shack." This occurred
> with the antenna directly over the operating position. Moving the
> antenna solved the problem. If you do ground the antenna at the
> matchbox, you will likely see no change in VSWR or resonant frequency.
> The only conditions where we were able to measure significant RF on the
> outer coaxial shield occurred when:
>
> 1. The coaxial length was an odd multiple of ¼ wavelength AND
> 2. The rig was grounded.
> In this instance we measured current -7dB down from the peak antenna
> current.
> Changing the coaxial feedline length OR removing the ground
> significantly reduced the currents.
> ##
>
> Based on the above and my own experience (QRP rig plugged directly into
> the coax connector), I doubt you will need a ground. As I said before,
> ask Dale. He is extremely responsive and he seems to know what he is
> doing (see below).
>
> http://www.parelectronics.com/index.html
>

> 73, Bill W4ZV

Bill I think your post makes a number of points which need to be made
about the PAR "dipoles"and I for one have no further comments on it.

> P.S. Since you want monobanders, you might consider rolling your own.
> I made one for 40m but wanted the versatility of Par's duobander for
> portable opertion. The designs below do require a counterpoise wire
> but are quite easy to build. See multiple links at the bottom of this
> page for more info:
>
> http://www.aa5tb.com/efha.html

Outstanding article more HFers need to read. Thanks.

Brian w3rv

1375. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 02:16:02 UTC
From: mcalhoun@ksu.edu
Message-ID: <ehmhd2$lfv@unix1.cc.ksu.edu>
Source record: 50549

Ian White (GM3SEK), Cecil Moore (W5DXP), and probably others have
discused HF chokes made from flat vs. bunched coils of coaxial cable,
but I must have missed some posting(s), for I haven't recognized
anything that looks like a CONCLUSION.

* Is "bunched" or "flat" better?
* Are they basically single-band or wide-band or somewhere in-between?
* Are there "rules of thumb" to make them for hams with
* No test equipment?
* A grid-dip meter?
* A noise bridge?
* An antenna analyzer?

--
--Myron A. Calhoun.
Five boxes preserve our freedoms: soap, ballot, witness, jury, and cartridge
NRA Life Member and Rifle, Pistol, & Home Firearm Safety Certified Instructor
Certified Instructor for the Kansas Concealed-Carry Handgun license

1376. Re: SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 03:14:38 UTC
From: an_old_friend <kb9rqz69@hotmail.com>
Message-ID: <1161746078.923767.75890@m7g2000cwm.googlegroups.com>
Source record: 50550
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.usenet.kooks,rec.radio.swap

David G. Nagel wrote:
> Slow Code wrote:
> > "David G. Nagel" <nagel@core.com> wrote in
> > news:12jqrtpkhnni38e@corp.supernews.com:
> >
> >
> >>Merlin-7 KI4ILB wrote:
> >>
> >>
>>> It seems that SC is too lazy to use qrz.com or read entire posts or he
>>>would know that I have my general and he would know that I use A CB for
>>>local information when I am in hurricane damaged areas.
>>> Truck drivers always know what roads are open and where the last place
>>> to
>>>get fuel is. A CB is also nice when your in a convoy of trucks pulling
>>>generators and drying equipment.
>>> SC you ever been in an area right after a major hurricane? I have
>>> spent
>>>months in them drying out hospitals and medical office buildings. Many
>>>time haveing to sleep in the halls of the buildings we are drying.
>>> Say what you will but a CB has its uses and sometimes there is nothing
>>> else
>>>you could use in a hurry. When I get the phone call that we are going,
>>>I have between 3 and 6 hours to pack up and go. Besides what ever
>>>Tractor Trailers that are going with us already have CBs.
>>> I could go into more detail about SC but I think he is starting to
>>> give Ham
>>>radio a bad name by his ignorant and insulting comments.
>>> Joe
>>>
>>>
>>
>>Joe;
>>
>>I can testify as to the usefulness of CB to obtain traffic conditions.
>>Last year I was coming up I57 when the truck drivers started talking
>>about a traffic jam just up the road. They mentioned dropping of the
>>highway and taking side roads. This information saved me over an hour
>>traffic delay. My wife had taken her own car and was stuck in the
>>traffic jam. CB radio has it's uses.
>>
>>Dave WD9BDZ
>>former KBH1602

> >
> >
> >
> > The no-coders on two meters weren't any help? Damn.
> >
> > SC
> Actually I was most likely the only ham on the road that night. Even if
> I wasn't the truck drivers know the road since they drive it every day
> where as very few hams do so. I generally see 100-200 CB equipped
> trucks and cars for each ham equipped truck/car. You tell me which
> service is better for road conditions?
>
> Dave WD9BDZ

Id tfeth on qzr

1377. Re: I remember when there was a sense of pride in passing the 20 wpm CW test.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 03:17:33 UTC
From: an_old_friend <kb9rqz69@hotmail.com>
Message-ID: <1161746253.858141.126300@m73g2000cwd.googlegroups.com>
Source record: 50551
Cross-posted to: rec.radio.amateur.misc,alt.usenet.kooks,rec.radio.amateur.policy,rec.radio.amateur.antenna

Slow Code wrote:
> New hams just don't appreciate things anymore.
>
> SC

wyh do yiou

1378. Re: SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 03:17:37 UTC
From: Mark@kb9rqz.aprs
Message-ID: <epltj25ig6933rh3o83rlm5hs24c79ptj4@4ax.com>
Source record: 50552
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.usenet.kooks,rec.radio.swap

On 24 Oct 2006 20:14:38 -0700, "an_old_friend" <kb9rqz69@hotmail.com>
wrote:

>
>
id theft reamins a crime you wannaa be me
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1379. id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 03:22:39 UTC
From: Mark@kb9rqz.aprs
Message-ID: <q2mtj219ehdcp6ecfs5bh93j305llum3e7@4ax.com>
Source record: 50553
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna

On 24 Oct 2006 20:17:33 -0700, "an_old_friend" <kb9rqz69@hotmail.com>
wrote:

>
id tehft remains a crime
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1380. Re: SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 03:31:12 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12jtmjv9nmlnfa3@corp.supernews.com>
Source record: 50554
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.usenet.kooks,rec.radio.swap

an_old_friend wrote:

> David G. Nagel wrote:
>
>>Slow Code wrote:
>>
>>>"David G. Nagel" <nagel@core.com> wrote in
>>>news:12jqrtpkhnni38e@corp.supernews.com:
>>>
>>>
>>>
>>>>Merlin-7 KI4ILB wrote:
>>>>
>>>>
>>>>
>>>>>It seems that SC is too lazy to use qrz.com or read entire posts or he
>>>>>would know that I have my general and he would know that I use A CB for
>>>>>local information when I am in hurricane damaged areas.
>>>>>Truck drivers always know what roads are open and where the last place
>>>>>to
>>>>>get fuel is. A CB is also nice when your in a convoy of trucks pulling
>>>>>generators and drying equipment.
>>>>>SC you ever been in an area right after a major hurricane? I have
>>>>>spent
>>>>>months in them drying out hospitals and medical office buildings. Many
>>>>>time haveing to sleep in the halls of the buildings we are drying.
>>>>>Say what you will but a CB has its uses and sometimes there is nothing
>>>>>else
>>>>>you could use in a hurry. When I get the phone call that we are going,
>>>>>I have between 3 and 6 hours to pack up and go. Besides what ever
>>>>>Tractor Trailers that are going with us already have CBs.
>>>>>I could go into more detail about SC but I think he is starting to
>>>>>give Ham
>>>>>radio a bad name by his ignorant and insulting comments.
>>>>>Joe
>>>>>
>>>>>
>>>>
>>>>Joe;
>>>>
>>>>I can testify as to the usefulness of CB to obtain traffic conditions.
>>>>Last year I was coming up I57 when the truck drivers started talking
>>>>about a traffic jam just up the road. They mentioned dropping of the

>>>>highway and taking side roads. This information saved me over an hour
>>>>traffic delay. My wife had taken her own car and was stuck in the
>>>>traffic jam. CB radio has it's uses.
>>>>
>>>>Dave WD9BDZ
>>>>former KBH1602
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>>>The no-coders on two meters weren't any help? Damn.
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>>>SC
>>
>>Actually I was most likely the only ham on the road that night. Even if
>>I wasn't the truck drivers know the road since they drive it every day
>>where as very few hams do so. I generally see 100-200 CB equipped
>>trucks and cars for each ham equipped truck/car. You tell me which
>>service is better for road conditions?
>>
>>Dave WD9BDZ
>
>
> Id tfeth on qzr
>
?? Say What??

1381. Re: Minimizing Common Mode Currents by Simple Grounding?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 03:45:29 UTC
From: Brian Kelly <kelly@dvol.com>
Message-ID: <1161747929.107938.23210@i3g2000cwc.googlegroups.com>
Source record: 50555

Richard Clark wrote:
> On 24 Oct 2006 11:28:04 -0700, "Brian Kelly" <kelly@dvol.com> wrote:
>
> >> Why?
> > >
> > >Why am I going to use them?
> >
> > No. The "why?" was a rhetorical question about the three conditions
> > that were in conflict.
> >
> > A halfwave dipole will match without need for extraneous components,
> > barring a choke which is for the consideration that brought you here.

Agreed.

> > >Because they only cost fifty bucks apiece
> >
> > Priced to sell. How anyone can have grief with this is a mystery, but
> > you cannot imagine the mail that came my way. I enjoyed the mail, by
> > the way; however, only Dear Abby posts mail for response and education
> > to the interested.

Fan mail is good for the soul. Enjoy.

> > >If I could install classic center-fed dipoles I would. But because of
> > >the space-restricted installation geometry I'm dealing with I can't
> > >pull the coax off at anywhere near a 90° angle to the vertical wire,
> > >the coax would have to droop close to and parallel to the radiators
> > >which would cause all sorts of problems.
> >
> > That is perfectly reasonable. If you have room for a halfwave end fed
> > wire, then you have room for the same sized sleeve dipole. Guess
> > what? It doesn't need matching as that comes free with the antenna.
> > It answers your problem about the 90° angle: the feed comes out the
> > sleeve to exactly the same point the TWO you are buying do.

OUCH! Oh Lordy, you're absolutely right Richard dammit . . and of all
people I should have immediately thought of a sleeve dipole for my
current HF applications because I built two of the things for 2M years
ago and they worked just dandy. For 2M all I did was grab some RG-58,
removed 19"of the jacket, rolled the exposed shield back 19", laid five
feet of nylon cord alongside the dielectric then sealed the whole
assembly with four feet+ of shrink tubing to seal the whole thing then
added a connector to the feed end and took 'em to the airwaves. I could
hang them anywhere via the nylon cord to get on 2M. Or I could roll
them up and stuff them into the glove compartment No tuning networks

required and the power handling capability was limited by the melting
point of the dieleleric or the jacket.

I can easily build similar antennas for the HF bands and maybe I will.
But not right now.

Write this blooper off to my raging Halfheimers . .

> >> Well, the best interpretation is they are not DIPOLES at all.
> >
> >Well . . this is a semantics & definitions issue as an ME I'll leave
> >for you EEs to sort out.
>
> Hams (amateurs) use the same distinction; I'm afraid you are only
> going to see the argument among "professionals" notably those late to
> the linear world.

Which is why I've excused myself from that one.

> >> They are half wave monopoles which definitely demand matching.
> >Yes, they're two of Dale's "dipoles"installed as half wave monopoles.
>
> Hmm, rhetorically, you've just slipped into the abyss. Four
> quarterwave elements? And how are you going to feed them? Two
> halfwave elements? Didn't you say you had space limitations? Of
> course you did.

OK, OK . . jeez . . in my case they're half wave verticals, they're
single-band half wave monopoles, they're half wave vertical dipoles,
call 'em half-wave vertical washing machines for all I care about
splitting semantics hairs at this level all of 'em take up very little
horizontal space which is what's scarce here, instead they take up
"vertical space" which I have in abundance and will put to work

> If you were on the air and described your grounded dipole with a
> matching box, I guess you would have a lot of rag-chewing in line.

Get outta here with your "grounded dipole" bafflegab!

> >> But with
> >> tinker toy sized components in that small box? Now we see why they
> >> are power restricted (those components would be toast).
> >
> >I don't have an amp and they're well known for being considerably
> >underrated as far as power handing is concerned.
>
> I would have thought that might be part of the ad copy. I do note
> that several are rated for less than 100W. I find that curious too
> for a matching box that lends only .12dB loss.
>
> That is about 1W of heat, not that I'm complaining, after all, a
> Christmas tree bulb burns more heat than that and I would hardly call
> that loss a limiting factor that demands derating from barefoot. A

> copper coil can certainly tolerate that much heat - or just use bigger
> wire.
>
> OH! The capacitor will flash over? What are we talking about the
> difference in a buck for a better cap? 5$? 10$?
>
> Do we save $30 from NOT ordering the $50 backup, to simply change out
> the under-rated cap for $20? Myself, I would pot the existing cap and
> see what happens first (10 cents worth of epoxy).
>
> That would change the tuning? OMIGOD!

Oy vey . . ! Calm down Richard and connect with reality willya?. The End Fedz line is a collection of catalog easy-up antennas with well-defined limitations offered for sale to those who can make use of them for their specific interests and operating objectives. Is there anything wrong with that? Of course not. Even at their worst they're still not snake oil antennas like G5RVs which often cost fifty bucks or thereabouts too.

> >I've been concerned about missing
> >something fundamental. Apparently I have not. Onward.
>
> and upward.

Amen and g'night Richard, I enjoyed the educational joust.

> 73's
> Richard Clark, KB7QHC

Brian w3rv

1382. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 04:05:11 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <r9otj2t2iflekqd5r7ti9u5ob41v7dosu2@4ax.com>
Source record: 50556

On 24 Oct 2006 21:16:02 -0500, mcalhoun@ksu.edu wrote:

>I haven't recognized anything that looks like a CONCLUSION.

Hi Myron,

One conclusion is that there is an optimal solution, a special solution, and a general solution, but it is more a problem of what was the "ultimate question?"

In short, one size does not fit all and you need to define your requirement to best obtain the right answer.

This is probably why the beaded ferrite choke is so popular. It might not present 10KOhms of Z, but it doesn't have to, to be useful and it is useful for a considerable stretch of spectrum.

73's
Richard Clark, KB7QHC

1383. Re: helical vs beam

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 09:50:49 UTC
From: ml <m@di.net>
Message-ID: <m-426582.05505425102006@news.verizon.net>
Source record: 50557

In article <1161738637.837141.107120@m73g2000cwd.googlegroups.com>,
"nx7u" <nx7u@cox.net> wrote:

> The main advantage of a helix is that it "gives" you circular
> polarization for "free"...you don't have to phase or split anything.
> The disadvantage is generally that they're relatively heavy and they do
> require something of a reflector screen behind them, although there are
> variants that use a ring reflector similar to what you'd see in a quad
> antenna.
>
> Helices have excellent impedance bandwidth, but really the point of
> Cebik's article is that the pattern bandwidth is not nearly as large as
> the impedance bandwidth. So really it's best to think of them as
> single-band antennas like a yagi.
>
> As to sidelobes specifically, you don't really care about that on
> transmit for satellite work. But they are important (and to be
> avoided) in receive and especially at microwave frequencies. As an
> example, in the initial stages of AO-40 (2.4GHz earth receive) many
> started with long (5') helices, but quickly realized that small TVRO
> dishes were quite superior even though the gain of the two antennas was
> about the same.
>
> One great advantage that phased yagis have is that you can switch the
> sense of circular polarization--very hard to do that with a helix.
> Sometimes satellite links can be improved by switching either your
> transmit or receive sense, depending on the relative satellite
> orientation and motion.
>
>
> ml wrote:
> > for sat work, wondering what antenna type might be better or if they
> > are close
> >
> > i've seen those corkscrew like, helical's and say the M2 beam, with
> > switchable,& cir/pol performance wise are they in the ball park, does one
> > have a clear adv
> > over the other in a particular circumstance??
> >
> >
> > thanks

this did help me interpert the article a bit more, i was on track at
least :) really appreciate both of your help!!

for 2m most of the antennas i've looked at such as the m2 it seems i
am liking best, is a bit too long and was hoping to find a simular
but shorter antenna as it's a typical beam perhaps i can just chop
a bit off the ends' the helical's i've seen were all a bit
physically boom wise shorter but i guess not worth it performance wise

1384. Re: Minimizing Common Mode Currents by Simple Grounding?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 12:04:36 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <opl%g.23648$7I1.19678@newssvr27.news.prodigy.net>
Source record: 50558

Brian Kelly wrote:
> Heh. Somewhere along the line a long time ago some sage somewhere
> stated that there are only two basic types of antennas, point radiators
> which are really difficult to build and dipoles and their variants. The
> concept stuck and I've been wearing it ever since.

There's got to be a history of the word dipole still in
existence. If you look at the Wikipedia definition of
"dipole", it refers to the equal and opposite charges
existing at two points, akin to the equal and opposite
charges existing at a point in time at the two ends of
a 1/2WL piece of wire. Your 1/2WL continuous piece of
conductor has two electromagnetic poles somewhat akin
to the earth having two magnetic poles. I suspect it was
ignorant hams who changed the meaning to two conductive
fishin' poles pointed in opposite directions and fed in
the middle. :-)
--
73, Cecil http://www.w5dxp.com

1385. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 12:54:21 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <18J%g.1044$s6.494@newssvr11.news.prodigy.com>
Source record: 50559

mcalhoun@ksu.edu wrote:
> Ian White (GM3SEK), Cecil Moore (W5DXP), and probably others have
> discused HF chokes made from flat vs. bunched coils of coaxial cable,
> but I must have missed some posting(s), for I haven't recognized
> anything that looks like a CONCLUSION.

Ian and I agree that the ARRL was overly optimistic when
they asserted that a coiled coax choke can cover all three
octaves of HF.

The requirements for a choke feeding an
all-HF-band, ladder-line fed dipole are much higher than
the requirements for a choke feeding a resonant fan dipole.

> * Is "bunched" or "flat" better?

Bunching disadvantage: Lowers the maximum choking impedance
and decreases the effective bandwidth. (Bunching increases
the stray capacitance.)

Bunching advantage?: Lowers the parallel self-resonant frequency
so not as many turns are required for narrow-band operation.

> * Are they basically single-band or wide-band or somewhere in-between?

Depends upon the minimum required choking impedance. A 2:1 to
3:1 frequency range might be a good rule of thumb, e.g. one
choke can cover a tribander's 2:1 frequency range.

> * Are there "rules of thumb" to make them for hams with
> * No test equipment?
> * A grid-dip meter?
> * A noise bridge?
> * An antenna analyzer?

How about: Using a 2L pop bottle as the coil form, don't use
more turns than the number of meters in a wavelength, e.g. no
more than 10 turns on 10 meters? That would probably work for
20m-6m as a rule of thumb.

The MFJ-259B will measure impedance up to 650 ohms. One could
define a "bandwidth" based on that 650 ohm value and knowledge
of a typical impedance waveform between those two points. For
instance, my 8 turn, 5.35" diameter choke falls below 650 ohms
at 4.63 MHz and 28.1 MHz. It might be useful over a 3:1 frequency
range from 40m-15m.
--

73, Cecil http://www.w5dxp.com

1386. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 13:04:19 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <8PGdndVe2PIP_aLYnZ2dnUVZ_sudnZ2d@comcast.com>
Source record: 50560

mcalhoun@ksu.edu wrote:
> Ian White (GM3SEK), Cecil Moore (W5DXP), and probably others have
> discused HF chokes made from flat vs. bunched coils of coaxial cable,
> but I must have missed some posting(s), for I haven't recognized
> anything that looks like a CONCLUSION.
>
> * Is "bunched" or "flat" better?
> * Are they basically single-band or wide-band or somewhere in-between?
> * Are there "rules of thumb" to make them for hams with
> * No test equipment?
> * A grid-dip meter?
> * A noise bridge?
> * An antenna analyzer?
>

Conclusions! You want WHAT??

You have recognized a GREAT TRUTH about this group. There NEVER is a conclusion! Oh, there are subthreads, red herring threads, three month continuous running threads, insulting threads, I am better than you are threads, even threads that remain close to the original subject.

But, there is NEVER a concluding post to a thread.

1387. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 15:13:59 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <DilPxrT383PFFAV3@ifwtech.co.uk>
Source record: 50569

Cecil Moore wrote:
>mcalhoun@ksu.edu wrote:
>> Ian White (GM3SEK), Cecil Moore (W5DXP), and probably others have
>> discused HF chokes made from flat vs. bunched coils of coaxial cable,
>> but I must have missed some posting(s), for I haven't recognized
>> anything that looks like a CONCLUSION.
>

Sorry, my Internet access is down at the moment, so there's no knowing when this will get out.

>Ian and I agree

... about quite a lot actually :-)

>that the ARRL was overly optimistic when
>they asserted that a coiled coax choke can cover all three
>octaves of HF.
>
Agreed. That claim is made in the general ARRL Handbook. The ARRL Antenna Book gives more detail, but notably does not include that claim.

>The requirements for a choke feeding an
>all-HF-band, ladder-line fed dipole are much higher than
>the requirements for a choke feeding a resonant fan dipole.
>
>> * Is "bunched" or "flat" better?

"Bunched" and "flat" both mean the same to me - the cable is wound into a flat coil like a length of rope. The actual choice is between that shape and a cylindrical solenoid shape.

>
>Bunching disadvantage: Lowers the maximum choking impedance
>and decreases the effective bandwidth. (Bunching increases
>the stray capacitance.)
>
>Bunching advantage?: Lowers the parallel self-resonant frequency
>so not as many turns are required for narrow-band operation.

The bunched/flat shape has more self-capacitance between turns, so for the same total length of cable it has a lower self-resonant frequency. The bandwidth of either shape is wide enough to cover any amateur band with a very high impedance - way higher than you could get with a ferrite choke - but you do need to get the resonant frequency right.

>
>> * Are they basically single-band or wide-band or somewhere in-between?
>
>Depends upon the minimum required choking impedance.

A resonant coiled-cable choke is unbeatable on a single band, but you
may not actually *need* a choking impedance of several kohms.

If you only need an impedance of a few hundred ohms (though more is
always OK of course) then I'd agree with Cecil:
.
>A 2:1 to
>3:1 frequency range might be a good rule of thumb, e.g. one
>choke can cover a tribander's 2:1 frequency range.
>
That seems realistic for either the bunched/flat or the solenoid shape.

>> * Are there "rules of thumb" to make them for hams with
>> * No test equipment?
>> * A grid-dip meter?
>> * A noise bridge?
>> * An antenna analyzer?
>
>How about: Using a 2L pop bottle as the coil form, don't use
>more turns than the number of meters in a wavelength, e.g. no
>more than 10 turns on 10 meters? That would probably work for
>20m-6m as a rule of thumb.
>
>The MFJ-259B will measure impedance up to 650 ohms. One could
>define a "bandwidth" based on that 650 ohm value and knowledge
>of a typical impedance waveform between those two points. For
>instance, my 8 turn, 5.35" diameter choke falls below 650 ohms
>at 4.63 MHz and 28.1 MHz. It might be useful over a 3:1 frequency
>range from 40m-15m.

You could certainly try Cecil's suggestions, though the resonant
frequency can be quite critical if you want to spread the performance
across more than one band.

A GDO should be OK for measuring the resonant frequency, with the two
ends of the choke shorted together.

However, maybe we're all trying to measure the wrong thing. The reason
why we're using these chokes is to reduce the unwanted common-mode
current, so why not cut to the chase, and measure the current itself?

Whoever you are, if you don't already have a snap-on RF current meter,
then make it your next homebrew project or ham radio purchase. It is THE
most useful single tool for RFI investigations, so it's always good to
have one in the shack.

In this particular application, you could measure the common-mode
current on the TX side of the choke - the answer is there "in a snap".
Then you can either declare the problem solved, or follow the meter

readings as you adjust the choke to reduce the current even further.

There are details of HB meters on my website, or the MFJ-854 is a good commercial alternative (but definitely not the MFJ-805).

--
73 from Ian GM3SEK 'In Practice' columnist for RadCom (RSGB)
http://www.ifwtech.co.uk/g3sek

1388. Re: SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 15:15:24 UTC
From: Mark@kb9rqz.aprs
Message-ID: <hlvuj25e3rvd87vab06e4ev1d4mvh9092p@4ax.com>
Source record: 50561
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Tue, 24 Oct 2006 22:31:12 -0500, "David G. Nagel" <nagel@core.com>
wrote:

>an_old_friend wrote:
>
>> David G. Nagel wrote:
>>
>>>Slow Code wrote:
>>>
>>>>"David G. Nagel" <nagel@core.com> wrote in
>>>>news:12jqrtpkhnni38e@corp.supernews.com:

>>
>> Id tfeth on qzr
>>
>?? Say What??

the statement is in posted forged to seem to be me

what it means I can translate exactly it means the poster is so afraid
of Me that he must try to discredit by making my dyslexia look worse
than it is
you also need to watch the NG in such a post you post this to
Alt.usenet.kooks like the poster youu responded the purpose is that
AUK is filled nut jobs that will sometimes come in theis NG and spend
day acting like morons the poster you responded (thing it was me)
wants to disrupt further the NG
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1389. Re: Minimizing Common Mode Currents by Simple Grounding?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 15:19:50 UTC
From: Brian Kelly <kelly@dvol.com>
Message-ID: <1161789590.248014.312780@k70g2000cwa.googlegroups.com>
Source record: 50562

Cecil Moore wrote:
> Brian Kelly wrote:
> > Heh. Somewhere along the line a long time ago some sage somewhere
> > stated that there are only two basic types of antennas, point radiators
> > which are really difficult to build and dipoles and their variants. The
> > concept stuck and I've been wearing it ever since.
>
> There's got to be a history of the word dipole still in
> existence. If you look at the Wikipedia definition of
> "dipole", it refers to the equal and opposite charges
> existing at two points, akin to the equal and opposite
> charges existing at a point in time at the two ends of
> a 1/2WL piece of wire. Your 1/2WL continuous piece of
> conductor has two electromagnetic poles somewhat akin
> to the earth having two magnetic poles. I suspect it was
> ignorant hams who changed the meaning to two conductive
> fishin' poles pointed in opposite directions and fed in
> the middle. :-)

Indeed. We purloined the term then perverted it. Dipoles are
everywhere, water molecules, proteins, theyt're all over plasna phyics,
as you point out Mother Earth is a dipole, election campaigns . .
<sigh>.

> 73, Cecil http://www.w5dxp.com

Brian w3rv

1390. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 16:15:42 UTC
From: "LenAnderson@ieee.org" <LenAnderson@ieee.org>
Message-ID: <1161792942.156408.135160@h48g2000cwc.googlegroups.com>
Source record: 50563
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

From: "Dee Flint" on Sun, Oct 22 2006 8:47am

>"Opus-" <jbuchy@shaw.ca> wrote in message
>
>[snip]
>
>> Sorry, but I can say for an absolute fact that your 're wrong. It had
>> kept me out of ham radio and I know exactly what kind of person that I
>> am. And before the obligatory "lazy" word is trotted out, I have to
>> work for the pay cheque that buys the radio, pays the rent for the
>> building that the radio is in and pays for the tower that is in the
>> back yard. I have to work extra to pay MORE for a place where I am
>> allowed a tower, as opposed to less expensive digs.
>
>> Honestly, I can't believe how some pro-coders look down on no-coders
>> with such contempt. I was once a member of a "live steam" model
>> railroad club. These were larger model steam trains that ran with real
>> steam instead of electric power. They could be run with either propane
>> or coal, depending on the individual. The guys who built their
>> locomotives from scratch NEVER looked down on the guys who bought
>> theirs from a classified ad. The guys burning coal did NOT call the
>> propane guys "lazy". We all enjoyed a fine hobby and club meetings
>> were always good fun and most informative. It was great for a
>> mechanic, like myself, to rub shoulders with experienced retired
>> machinists who built these locomotives. At one of our "open houses",
>> which were located outdoors at the club track, my daughter took her
>> first steps.
>
>> Isn't ham radio supposed to be like that? Is there no camaraderie?
>
>Yes ham radio is supposed to be camaraderie. People are supposed to help
>each other.

Then why don't they?

>The divisiveness stems from the fact that too many no-coders
>appear to want to change the requirements with no knowledge, experience, or
>understanding of the requirements.

Nonsense. Pro-coders do NOT have some "lock" on What The
Requirements Should Be. They never did, despite all the
pro-code propaganda drilled into your respective psyches.

It should be quite obvious that every other radio service
has either given up on using morse code for communications

or never considered it in the first place. Manual radio-telegraphy has only a slight advantage in communications with other amateurs using radiotelegraphy who do not speak English.

Note: Nowhere in the "requirements" (Title 47 C.F.R. Part 97 for US radio amateurs) is it mandatory for US amateurs to communicate with foreigners. NB: Non-English speakers using International Morse Code are, essentially, required to learn parts of English to understand the English alphabet (difficult if their native language is syllabic or has a different alphabet).

The ITU-R "requirements" (Radio Regulations) no longer "require" administrations to test ALL their amateurs for any license having below-30-MHz privileges. The major (in population) nation administrations have dropped their morse code testing or substitute other tests in lieu of morse code. Since some of those nations do not have English as a primary language, those will have some future difficulty using that (supposed "universal language" of morse code) for communications with USA radio amateurs.

>In addition, most of us have experienced
>people who said they could not learn code but upon questioning find that
>they did not use a good training method and did not train correctly.

More overtly biased opinion...written AS IF morse code were an "absolute requirement" when it is merely an old regulatory hanger-on in USA amateur federal rules.

The REGULATION (not "the requirement") for US radio amateurs is simply a man-made regulation which can be un-man-made. It is not some God-given commandment of radio. Indeed, all other US radio services operating below 30 MHz do NOT use morse code radiotelegraphy. Why should radio amateurs be held elevated to some special significance?

Except for the older military-trained radiotelegraphers in US amateur radio, all the tales told (by so-called successful pro-coders) have them doing basic learning then trying out on the amateur radio bands for greater skill in radiotelegraphy.

The basic fallacy of pro-coder thinking is that "all" have some innate ability to learn morse code. That has been disproven as far back as World War II when the US military began screening new recruits for the aptitude to learn morse code. That fallacy has been disproven by countless other tales of individuals who tried the so-called "good training methods" and tried to "train

correctly" (even under strict supervision).

>Yet
>when they decided they were tired of waiting did learn it and got their
>upgrade.

The "upgrade requirements" were lobbied for to emphasize
morse code radiotelegraphy skill. That is history. It
would have been difficult to overcome the lobbying of the
ARRL towards such "upgrades through morsemanship." Yet
there has been efforts by concerned radio amateurs (who
have been tested to the maximum telegraphic radtes) to
eliminate the morse code test entire. That is not some
strict USA effort since the ITU did change international
amateur Radio Regulations in 2003...under pressure from
the IARU. Your sentence is written with an obvious
pro-coder bias.

>Then finding out how useful it was in ham pursuits were glad that
>they had done it.

Another fallacy and another pro-coder bias statement. It is
obvious that many, many US radio amateurs were NOT favorites
of morse radiotelegraphy and never used it after they received
their first license.

>So far of each of the reasons that people put forth as to why they can't
>learn it have been disproven by the example of other people with the same
>problem having gone ahead and done it.

Yet another fallacy and a repetition of the earlier fallacy
that all US human beings are somehow able to learn morse
code...provided they have some (mysterious) "attitude"
adjustment in favor of radiotelegraphy as an "absolute"
requirement in radio?

>The 5wpm level is obtainable
>although some of the problem do make faster speeds a problem (constant
>tinnitus may be a severe problem at 20 wpm for example).

Then they should use "flashing lights or vibrating pads."

The reduction to 5 WPM equivalent word rate was an attempt
of the FCC to satisfy both the pro-morse-code-test citizens
and the (ever-growing) NO-code-test advocates. It satisfied
neither.

>My ex-OM had 70%
>hearing loss in both ears and severe tinnitus. He passed the 5wpm.

It would seem that one of you (perhaps both) at lost the
ability to understand the "I do" at your marriage ceremony?

Did your "EX" pass using flashing lights or vibrating pads?

>I know people with dyslexia who have passed.

I knew people with terminal cancer who "passed." [just not
the code test]

I "know people" ranging from PhD aerospace gurus to never-
make-star-quality bimbo actresses and thousands of shades
of personal abilities in between. I know few dyslexics.

>The blind have passed.

I am acquainted with several blind people through the
Braille Institute. None of them had any desire to learn
morse code. They were thankful enough to be able to get
around by themselves and be reasonably productive in life.

>Even the deaf have passed using flashing lights or vibrating pads.

In the year that Ham Radio magazine sold out to CQ, I
interviewed 11 licensed radio amateurs preparing an article
for that magazine. ALL of them passed their code tests
for amateur radio licenses when they could still hear.
None of them "passed using flashing lights or vibrating
pads." All were male. One was a practicing dentist.

>Do you have competitions in your model railroading activity? If you enter
>that competition, you all have to follow the published rules with no
>exceptions.

Part 97, Title 47 C.F.R. does NOT manadate that US radio
amateurs engage in "competition" radio activity.
Federal law (Communications Act of 1934 plus the Tele-
communications Act of 1996) requires ALL US radio
amateurs to follow its regulations. That is NO contest
nor a "competition" activity. It is merely the LAW.

As with all US federal agencies, the FCC does accept
citizen commentary to them regarding radio regulations.
The FCC responds to Petitions submitted by US citizens
in regards to those radio regulations. [however, not
with blinding speeds of decision in regards to amateur
radio] Nowhere does the FCC discriminate between those
are already licensed in amateur radio versus those not
licensed. FCC does not treat the group of already-
licensed as some kind of fraternal order of the already-
licensed to be listened to over and above all other
interested citizens.

The morse code test (for under-30-MHz operating privileges)
affects the non-licensed US citizens. It does NOT affect
those already legally licensed as radio amateurs...except
in the limited conditions of certain already-licensed
Technician classes. That code test does NOT legally
affect ANY other already-licensed US radio amateur. If

they say it does then they have some emotional disturbance (not a legal problem nor a regulatory problem).

I know a few model railroaders. As far as I know none are into "competitions" concerning their hobby. They do it for the fun of model railroading. As a hobby, not as a substitute for life...nor advancing the state of the art in rail transport.

I know many more model builders and model aircraft flyers. [I have been both] The Academy of Model Aeronautics (AMA) is a membership organization (about a quarter million members in the USA) with a large rule set to follow in flying model aircraft. That rule set is for both competition flying and for safety; there is special liability insurance for members of the AMA in regards to that flying activity. There is no absolute requirement to be an AMA member to enjoy model airplane flying nor is there some federal test one must take to be one. It is a hobby...yet the AMA has successfully petitioned for and gotten many radio channels expressly for model remote control. No code test nor license was required. You may read about it in Part 95, Title 47 C.F.R. under Radio Control Radio Service.

"Park flyers" are free to fly models, even to radio-control them, all without being licensed by the FCC or as a member of the Academy of Model Aeronautics. Add to that the R-C cars and boats. There is a very large model hobby industry existing in the USA to provide for such hobbyists. From the size of that industry the number of modelers would easily equal the number of USA radio amateurs...if not exceeding it.

Your comments in regards to "competitiveness" do not apply to US citizens seeking to change existing radio regulations in the USA, any radio service.

LenAnderson@ieee.org

1391. Timewave ANC-4 question!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 16:22:19 UTC
From: Sun Tzu <Sun_Tzu@war_what_does_it_mean.org>
Message-ID: <_rCdndMY26mGEqLYnZ2dnUVZ_oOdnZ2d@hawaiiantel.net>
Source record: 50564

I use an Timewave ANC-4 to reduce noise on the low bands at my location.
On 40 & 160 meters I can reduce the noise almost to S1, but on 75 meters I
can only reduce it to S4-5.
I use a noise sense antenna which is a dipole 4ft on each side about 4
inches off the ground and parallel to the power and telephone lines.
Anyone have one of these units and having any ideas I might try to reduce 75
meters to a lower S-meter reading?

All my low band antennas are verticals.

Stan
AH6JR

1392. Re: SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 17:03:49 UTC
From: I PUNCE <markpunce@yahoo.com>
Message-ID: <1161795829.264042.46440@i42g2000cwa.googlegroups.com>
Source record: 50565
Cross-posted to: ba.broadcast,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.usenet.kooks,rec.radio.swap

Mark@kb9rqz.aprs wrote:
> On 24 Oct 2006 20:14:38 -0700, "an_old_friend" <kb9rqz69@hotmail.com>
> wrote:
>
> >
> >
> id theft reamins a crime you wannaa be me
> http://kb9rqz.blogspot.com/
>
> --
> Posted via a free Usenet account from http://www.teranews.com

I PUNCE

1393. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 17:06:19 UTC
From: Christopher Cox <chrisTOPHERcOX@coboxincORORATED.com>
Message-ID: <fQM%g.18650$pq4.13404@tornado.ohiordc.rr.com>
Source record: 50566

Dave wrote:
> mcalhoun@ksu.edu wrote:
>
>> Ian White (GM3SEK), Cecil Moore (W5DXP), and probably others have
>> discused HF chokes made from flat vs. bunched coils of coaxial cable,
>> but I must have missed some posting(s), for I haven't recognized
>> anything that looks like a CONCLUSION.
>>
>> * Is "bunched" or "flat" better?
>> * Are they basically single-band or wide-band or somewhere in-between?
>> * Are there "rules of thumb" to make them for hams with
>> * No test equipment?
>> * A grid-dip meter?
>> * A noise bridge?
>> * An antenna analyzer?
>>
>
> Conclusions! You want WHAT??
>
> You have recognized a GREAT TRUTH about this group. There NEVER is a
> conclusion! Oh, there are subthreads, red herring threads, three month
> continuous running threads, insulting threads, I am better than you are
> threads, even threads that remain close to the original subject.
>
> But, there is NEVER a concluding post to a thread.
>

Actually there was enough information to conclude if you want an all hf band 1:1 balun, abandoning the coiled coax and using ferrite may be the way to go.

Wow, what a run on sentence!

1394. Re: I don't remember horse and buggy, outhouses, or churning butter

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 17:28:18 UTC
From: amdx <amdx@knology.net>
Message-ID: <5e980$453f9e94$45011502$31488@KNOLOGY.NET>
Source record: 50567
Cross-posted to: rec.radio.amateur.misc,alt.usenet.kooks,rec.radio.amateur.policy,rec.radio.amateur.antenna

> Slow Code wrote:

>> New hams just don't appreciate things anymore.

I don't remember,
cutting wood for winter, foraging the woods for berries,
turning the crank on a model T, building a spear to kill a deer,
washing my clothes in the river, making candles to light the night.
And I do appreciate that I don't have to do these things anymore.
Mike

1395. Re: I don't remember horse and buggy, outhouses, or churning butter

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 17:42:10 UTC
From: kd5sak <kd5sak@sbcglobal.net>
Message-ID: <SIN%g.1095$s6.882@newssvr11.news.prodigy.com>
Source record: 50568
Cross-posted to: rec.radio.amateur.misc,alt.usenet.kooks,rec.radio.amateur.policy,rec.radio.amateur.antenna

"amdx" <amdx@knology.net> wrote in message
news:5e980$453f9e94$45011502$31488@KNOLOGY.NET...
>
>> Slow Code wrote:
>
>>> New hams just don't appreciate things anymore.
>
> I don't remember,
> cutting wood for winter, foraging the woods for berries,
> turning the crank on a model T, building a spear to kill a deer,
> washing my clothes in the river, making candles to light the night.
> And I do appreciate that I don't have to do these things anymore.
> Mike
>
>
I have helped cut wood for winter heating. I have also foraged for berries, actually Granny knew where to look and took me along to help pick berries. I have never hand cranked a model T, but have watched others do it (was tied up with winter wood cutting, the "T" drove a belt with a rear axle wheel to drive a large circular saw) I never did any of the other things listed, but if Granny were still here, I'd bet she has and could describe the process. Except the spear hunting, that was before Grannys time and on the other side of the family.

Harold
KD5SAK

1396. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 18:06:12 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <oIN%g.1101$s6.628@newssvr11.news.prodigy.com>
Source record: 50570

Ian White GM3SEK wrote:
> Cecil Moore wrote:
>> Ian and I agree
>
> ... about quite a lot actually :-)

Lurkers may get the impression that we disagree a lot. :-)
Most of us technical types agree on 99 and 44/100% of
technical topics. We often argue about which favorite
approach is better when they are equally effective.

I just plotted the impedance of a lumped inductor in
parallel with a lumped capacitor, the impedance based
on a transmission line analysis, and the impedance
actually measured. The three graphs overlaid each other
until approaching the series resonant point where the
transmission line analysis more closely matched the
measured results. In particular, the actual measured
value was around +j258, the transmission line value was
around +j135, and the lumped circuit value was around
-j570.

> "Bunched" and "flat" both mean the same to me - the cable is wound into
> a flat coil like a length of rope. The actual choice is between that
> shape and a cylindrical solenoid shape.

I don't think that's true, Ian. There are three ways to
wind a choke. 1. helical, 2. spiral, 3. random I'm pretty
sure "bunched" means "random" and *not* flat. Maybe that
is the origin of our disagreement over "bunched". If the
bunched coil was really random scatter winding, would you
like it as much?

> There are details of HB meters on my website, or the MFJ-854 is a good
> commercial alternative (but definitely not the MFJ-805).

I've got the MFJ-853. It snaps but doesn't unsnap. :-(
--
73, Cecil http://www.w5dxp.com

1397. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 18:09:26 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <qLN%g.1102$s6.400@newssvr11.news.prodigy.com>
Source record: 50571
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

LenAnderson@ieee.org wrote:
> From: "Dee Flint" on Sun, Oct 22 2006 8:47am
>> Yes ham radio is supposed to be camaraderie. People are supposed to help
>> each other.
>
> Then why don't they?

Because a lot of pro-coders would rather belittle
no-coders than help them?
--
73, Cecil http://www.w5dxp.com

1398. Re: I don't remember horse and buggy, outhouses, or churning butter

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 18:12:07 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <XNN%g.1103$s6.910@newssvr11.news.prodigy.com>
Source record: 50572
Cross-posted to: rec.radio.amateur.misc,alt.usenet.kooks,rec.radio.amateur.policy,rec.radio.amateur.antenna

amdx wrote:
> ... turning the crank on a model T, ...

It wasn't just the Model-T. I learned to drive
on a 37 Chevrolet. It had a crank hole just under
the grill.
--
73, Cecil http://www.w5dxp.com

1399. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 18:39:34 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <NPudnR76VO7-MqLYnZ2dnUVZ_sydnZ2d@comcast.com>
Source record: 50573

Christopher Cox wrote:

SNIPPED
>>
>> You have recognized a GREAT TRUTH about this group. There NEVER is a
>> conclusion! Oh, there are subthreads, red herring threads, three month
>> continuous running threads, insulting threads, I am better than you
>> are threads, even threads that remain close to the original subject.
>>
>> But, there is NEVER a concluding post to a thread.

/s/ DD ... I wrote the above

>>
>
> Actually there was enough information to conclude if you want an all hf
> band 1:1 balun, abandoning the coiled coax and using ferrite may be the
> way to go.
>
> Wow, what a run on sentence!

Which sentence? Mine is totally grammatically correct.

A real run on sentence will be found if you study the serious works of some Jesuit Priests. When I was in seminary I had to read/study some Jesuit theology texts. The first sentence took three pages. One chapter took an 8 hour flight from Boston to LA. And, I still didn't finish :-(

But, they were grammatically correct ... Does that mean your sentence is too short? :-)

Now, hopefully to conclude this thread [well maybe] I agree that a broadband ferrite balun is the way to go for typical HF.

/s/ DD

1400. Re: Timewave ANC-4 question!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 18:41:51 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <NPudnRn6VO5wMqLYnZ2dnUVZ_sydnZ2d@comcast.com>
Source record: 50574

Mine seems to work fine with about 25 feet of wire simply run out the window and about 4 inches above the ground along the foundation of the house.

[End fed random wire approach]

/s/ DD

Sun Tzu wrote:

> I use an Timewave ANC-4 to reduce noise on the low bands at my location.
> On 40 & 160 meters I can reduce the noise almost to S1, but on 75 meters I
> can only reduce it to S4-5.
> I use a noise sense antenna which is a dipole 4ft on each side about 4
> inches off the ground and parallel to the power and telephone lines.
> Anyone have one of these units and having any ideas I might try to reduce 75
> meters to a lower S-meter reading?
>
> All my low band antennas are verticals.
>
> Stan
> AH6JR

1401. Re: SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 18:42:59 UTC
From: Mark@kb9rqz.aprs
Message-ID: <453fa348$0$19605$88260bb3@free.teranews.com>
Source record: 50575
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"David G. Nagel" <nagel@core.com> wrote in message
news:12jtmjv9nmlnfa3@corp.supernews.com...
> an_old_friend wrote:
>
>> David G. Nagel wrote:
>>
>>>Slow Code wrote:
>>>
>>>>"David G. Nagel" <nagel@core.com> wrote in
>>>>news:12jqrtpkhnni38e@corp.supernews.com:
>>>>
>>>>
>>>>
>>>>>Merlin-7 KI4ILB wrote:
>>>>>
>>>>>
>>>>>
>>>>>>It seems that SC is too lazy to use qrz.com or read entire posts or he
>>>>>>would know that I have my general and he would know that I use A CB
>>>>>>for
>>>>>>local information when I am in hurricane damaged areas.
>>>>>>Truck drivers always know what roads are open and where the last place
>>>>>>to
>>>>>>get fuel is. A CB is also nice when your in a convoy of trucks pulling
>>>>>>generators and drying equipment.
>>>>>>SC you ever been in an area right after a major hurricane? I have
>>>>>>spent
>>>>>>months in them drying out hospitals and medical office buildings. Many
>>>>>>time haveing to sleep in the halls of the buildings we are drying.
>>>>>>Say what you will but a CB has its uses and sometimes there is nothing
>>>>>>else
>>>>>>you could use in a hurry. When I get the phone call that we are going,
>>>>>>I have between 3 and 6 hours to pack up and go. Besides what ever
>>>>>>Tractor Trailers that are going with us already have CBs.
>>>>>>I could go into more detail about SC but I think he is starting to
>>>>>>give Ham
>>>>>>radio a bad name by his ignorant and insulting comments.
>>>>>>Joe
>>>>>>
>>>>>>
>>>>>
>>>>>Joe;
>>>>>

>>>>>I can testify as to the usefulness of CB to obtain traffic conditions.
>>>>>Last year I was coming up I57 when the truck drivers started talking
>>>>>about a traffic jam just up the road. They mentioned dropping of the
>>>>>highway and taking side roads. This information saved me over an hour
>>>>>traffic delay. My wife had taken her own car and was stuck in the
>>>>>traffic jam. CB radio has it's uses.
>>>>>
>>>>>Dave WD9BDZ
>>>>>former KBH1602
>>>>
>>>>
>>>>
>>>>The no-coders on two meters weren't any help? Damn.
>>>>
>>>>SC
>>>
>>>Actually I was most likely the only ham on the road that night. Even if
>>>I wasn't the truck drivers know the road since they drive it every day
>>>where as very few hams do so. I generally see 100-200 CB equipped
>>>trucks and cars for each ham equipped truck/car. You tell me which
>>>service is better for road conditions?
>>>
>>>Dave WD9BDZ
>>
>>
>> Id tfeth on qzr
>>
> ?? Say What??
>
with the punce gotcha he wonders why I simple don't bother to ty impoving
my spelling do u hav anyting cognet two say?

my blog
http://www.marksspamblog.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1402. Re: Would you join the ARRL if you found out they were only interested in selling memberships?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 19:33:49 UTC
From: Mark@kb9rqz.aprs
Message-ID: <453faf32$0$19697$88260bb3@free.teranews.com>
Source record: 50476
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment

"Robert Grizzard" <grizzarv@mindspring.com.invalid> wrote in message
news:pan.2006.10.24.23.21.27.535273@pan...
> On Tue, 24 Oct 2006 11:34:28 +0000, in rec.radio.swap, "Chris"
> <daviesc838@nospam.alvillage.net> wrote:
>
>> [snip]
>>
>> You can't even quote a Usenet post properly. Work on that before
>> attempting more complicated things like critiquing SC.
>
> PKB.
>
> You aren't buying, selling, or swapping anything, so why are you
> crossposting to rec.radio.swap? More to the point, why aren't you setting
> a followup to your crosspost?
>
> There's a plethora of information on Usenet at http://snipurl.com/10buv
> Search for the word "crossposting".
>
> HTH
>
> HAND
>
> F'up set.
>
> --
> To design the perfect anti-Unix, write an operating system that thinks
> it knows what you're doing better than you do. And then adds injury to
> insult by getting it wrong.
> - esr
>
with the punce gotcha he wonders why I simple don't bother to ty
impoving my spelling do u hav anyting cognet two say?

my blog
http://www.marksspamblog.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1403. nice pikture of tood

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 20:15:15 UTC
From: Mark@kb9rqz.aprs
Message-ID: <453fb8e9$0$19731$88260bb3@free.teranews.com>
Source record: 50477
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,rec.radio.shortwave,rec.radio.scanner

http://i12.tinypic.com/2v809k3.jpg

ist from mi blogs wit tood
http://www.marksspamblog.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1404. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 20:17:46 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <57CRHWaqZ8PFFACs@ifwtech.co.uk>
Source record: 50479

Cecil Moore wrote:
>> "Bunched" and "flat" both mean the same to me - the cable is wound
>>into a flat coil like a length of rope. The actual choice is between
>>that shape and a cylindrical solenoid shape.
>
>I don't think that's true, Ian. There are three ways to
>wind a choke. 1. helical, 2. spiral, 3. random I'm pretty
>sure "bunched" means "random" and *not* flat. Maybe that
>is the origin of our disagreement over "bunched". If the
>bunched coil was really random scatter winding, would you
>like it as much?
>
Sorry, maybe there's language barrier here. Imagine coiling a rope in your hand like a cowboy, then laying the coil on the ground. I meant a "flat" coil in that sense, as opposed to the other way of winding these chokes on a cylindrical former.

>> There are details of HB meters on my website, or the MFJ-854 is a
>>good commercial alternative (but definitely not the MFJ-805).
>
>I've got the MFJ-853. It snaps but doesn't unsnap. :-(

The 854 that I reviewed for Radcom was the same. We both got one that had the core assembled upside-down, so instead of showing you how to snap the plastic catch open, the instruction manual shows you how to break it.

--
73 from Ian GM3SEK 'In Practice' columnist for RadCom (RSGB)
http://www.ifwtech.co.uk/g3sek

1405. Re: I don't remember horse and buggy, outhouses, or churning butter

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 20:25:27 UTC
From: Walter Maxwell <walt@w2du.com>
Message-ID: <aphvj25d4k3eo9vdg0at98qfltauvknksk@4ax.com>
Source record: 50478

On Wed, 25 Oct 2006 18:12:07 GMT, Cecil Moore <mycall@hotmail.com> wrote:

>amdx wrote:
>> ... turning the crank on a model T, ...
>
>It wasn't just the Model-T. I learned to drive
>on a 37 Chevrolet. It had a crank hole just under
>the grill.

I not only learned to drive on a 1924 Model T, I also cranked it, because that model didn't have an electric starter. The first car I owned was a 1927 Chev.

I grew up with indoor plumbing, but both my maternal and fraternal grandparents lived nearby, maternal 1 mile and fraternal 3 miles. Whenever visiting them, which was often, I had to use the three-holer with paper from the Sears Roebuck catalog.

Walt, W2DU

1406. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 20:35:15 UTC
From: Mark@kb9rqz.aprs
Message-ID: <tgivj2hl2aqklbai7uj2h4kit3tv7dd78m@4ax.com>
Source record: 50480
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On 25 Oct 2006 09:15:42 -0700, "LenAnderson@ieee.org"
<LenAnderson@ieee.org> wrote:

>From: "Dee Flint" on Sun, Oct 22 2006 8:47am
>
>>"Opus-" <jbuchy@shaw.ca> wrote in message
>>
>>[snip]
>>

>>The 5wpm level is obtainable
>>although some of the problem do make faster speeds a problem (constant
>>tinnitus may be a severe problem at 20 wpm for example).
>
> Then they should use "flashing lights or vibrating pads."
>
> The reduction to 5 WPM equivalent word rate was an attempt
> of the FCC to satisfy both the pro-morse-code-test citizens
> and the (ever-growing) NO-code-test advocates. It satisfied
> neither.
you left out the 3rd body to be satifiased Dept of state advised the
treaty REQUIRED morse and the FCC satfieied niether ham body fully
although I think the Nocoder were more or satifed with the FCC's
action till 2003 warc
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1407. id theft is crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 20:36:42 UTC
From: Mark@kb9rqz.aprs
Message-ID: <8mivj2duqk1niruk8vn9l9a5bhustomtuj@4ax.com>
Source record: 50481
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,rec.radio.shortwave,rec.radio.scanner

On Wed, 25 Oct 2006 16:15:15 -0400, <Mark@kb9rqz.aprs> wrote:

that you keep comiting
> http://www.marksspamblog.blogspot.com/
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1408. Re: Would you join the ARRL if you found out they were only interested in selling memberships?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 20:37:48 UTC
From: Mark@kb9rqz.aprs
Message-ID: <goivj2dbrdm93qslgs7g070embao6056gv@4ax.com>
Source record: 50482
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment

On Wed, 25 Oct 2006 15:33:49 -0400, <Mark@kb9rqz.aprs> wrote:

>

id theft remains a crime
> http://www.marksspamblog.blogspot.com/
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1409. Re: SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 20:38:11 UTC
From: Mark@kb9rqz.aprs
Message-ID: <2pivj294p37cbci263g1r9qj5eufl68vje@4ax.com>
Source record: 50484
Cross-posted to: ba.broadcast,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On 25 Oct 2006 10:03:49 -0700, "I PUNCE" <markpunce@yahoo.com> wrote:

>
id theft reamins a crime
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1410. Re: SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 20:38:37 UTC
From: Mark@kb9rqz.aprs
Message-ID: <rpivj2l6busf55ufuo0nra415m1s1v8o0k@4ax.com>
Source record: 50483
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Wed, 25 Oct 2006 14:42:59 -0400, <Mark@kb9rqz.aprs> wrote:

>
id theft and forgery remains crimes
> http://www.marksspamblog.blogspot.com/
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1411. Re: SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 20:40:26 UTC
From: Mark@kb9rqz.aprs
Message-ID: <453fbed0$0$19688$88260bb3@free.teranews.com>
Source record: 50485
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

<Mark@kb9rqz.aprs> wrote in message news:...
>
> "David G. Nagel" <nagel@core.com> wrote in message
> news:12jtmjv9nmlnfa3@corp.supernews.com...
>> an_old_friend wrote:
>>
>>> David G. Nagel wrote:
>>>
>>>>Slow Code wrote:
>>>>
>>>>>"David G. Nagel" <nagel@core.com> wrote in
>>>>>news:12jqrtpkhnni38e@corp.supernews.com:
>>>>>
>>>>>
>>>>>
>>>>>>Merlin-7 KI4ILB wrote:
>>>>>>
>>>>>>
>>>>>>
>>>>>>>It seems that SC is too lazy to use qrz.com or read entire posts or
>>>>>>>he
>>>>>>>would know that I have my general and he would know that I use A CB
>>>>>>>for
>>>>>>>local information when I am in hurricane damaged areas.
>>>>>>>Truck drivers always know what roads are open and where the last
>>>>>>>place
>>>>>>>to
>>>>>>>get fuel is. A CB is also nice when your in a convoy of trucks
>>>>>>>pulling
>>>>>>>generators and drying equipment.
>>>>>>>SC you ever been in an area right after a major hurricane? I have
>>>>>>>spent
>>>>>>>months in them drying out hospitals and medical office buildings.
>>>>>>>Many
>>>>>>>time haveing to sleep in the halls of the buildings we are drying.
>>>>>>>Say what you will but a CB has its uses and sometimes there is
>>>>>>>nothing
>>>>>>>else
>>>>>>>you could use in a hurry. When I get the phone call that we are
>>>>>>>going,
>>>>>>>I have between 3 and 6 hours to pack up and go. Besides what ever
>>>>>>>Tractor Trailers that are going with us already have CBs.
>>>>>>>I could go into more detail about SC but I think he is starting to

>>>>>>>give Ham
>>>>>>>radio a bad name by his ignorant and insulting comments.
>>>>>>>Joe
>>>>>>>
>>>>>>>
>>>>>>
>>>>>>Joe;
>>>>>>
>>>>>>I can testify as to the usefulness of CB to obtain traffic conditions.
>>>>>>Last year I was coming up I57 when the truck drivers started talking
>>>>>>about a traffic jam just up the road. They mentioned dropping of the
>>>>>>highway and taking side roads. This information saved me over an hour
>>>>>>traffic delay. My wife had taken her own car and was stuck in the
>>>>>>traffic jam. CB radio has it's uses.
>>>>>>
>>>>>>Dave WD9BDZ
>>>>>>former KBH1602
>>>>>
>>>>>
>>>>>
>>>>>The no-coders on two meters weren't any help? Damn.
>>>>>
>>>>>SC
>>>>
>>>>Actually I was most likely the only ham on the road that night. Even if
>>>>I wasn't the truck drivers know the road since they drive it every day
>>>>where as very few hams do so. I generally see 100-200 CB equipped
>>>>trucks and cars for each ham equipped truck/car. You tell me which
>>>>service is better for road conditions?
>>>>
>>>>Dave WD9BDZ
>>>
>>>
>>> Id tfeth on qzr
>>>
>> ?? Say What??
>>
with the punce gotcha he wonders why I simple dont brother to ty impoving
my spelling do u hav anyting cognet two say?
ttp://www.marksspamblog.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1412. Re: SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 20:47:24 UTC
From: Mark@kb9rqz.aprs
Message-ID: <7ajvj212ckto5h77c13qm7usq9ig7qmf3i@4ax.com>
Source record: 50486
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Wed, 25 Oct 2006 16:40:26 -0400, <Mark@kb9rqz.aprs> wrote:

>
><Mark@kb9rqz.aprs> wrote in message news:...
id theft will alwasy be a crime and you will never be me
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1413. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 21:04:29 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <2ijvj2t2r4rokembmntpcmbfp5tl3g85mc@4ax.com>
Source record: 50487

On Wed, 25 Oct 2006 16:13:59 +0100, Ian White GM3SEK
<gm3sek@ifwtech.co.uk> wrote:

>>that the ARRL was overly optimistic when
>>they asserted that a coiled coax choke can cover
>>all three octaves of HF.
>>
>Agreed.

Hi Ian,

Really? 3 to 30 MHz is more than three octaves:
3 - 6 - 12 - 24 + 1/3 octave more

Are we talking about Ham Bands?
160 - 80 - 40 - 20 - 10

Are we restricting from the top of the 80M band through 10M?
4 - 8 - 16 - 32 (actually 88% octave more)

From 60M up?
60 - 30 - 15 + 75% octave more

A subset of HF? such as
160 - 80 - 40
80 - 40 - 20
40 - 20 - 10

To anyone,

Just where did the ARRL come up with this new band plan for HF?

Hi Myron,

Can you see any conclusion yet? Even with the new 3 Octave
specification you still have to pick your application from 3 choices.

73's
Richard Clark, KB7QHC

1414. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 22:18:14 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <GoR%g.16082$GR.4922@newssvr29.news.prodigy.net>
Source record: 50488

Ian White GM3SEK wrote:
> Sorry, maybe there's language barrier here. Imagine coiling a rope in
> your hand like a cowboy, then laying the coil on the ground. I meant a
> "flat" coil in that sense, as opposed to the other way of winding these
> chokes on a cylindrical former.

A lot of arguments are over semantics. Again, there are
three ways of winding the chokes; helical, flat spiral,
and bunched like a cowboy rope. The flat spiral is also
known as a "pancake" choke or coil.
--
73, Cecil http://www.w5dxp.com

1415. Re: I don't remember horse and buggy, outhouses, or churning butter

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 22:20:23 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <HqR%g.16083$GR.12733@newssvr29.news.prodigy.net>
Source record: 50489

Walter Maxwell wrote:
> ... I had to use the three-holer with paper from the Sears Roebuck
> catalog.

Dang Walt, you guys were really high class.
We used shucked corn cobs down here.
--
73, Cecil http://www.w5dxp.com

1416. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 22:26:12 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <8wR%g.16087$GR.9294@newssvr29.news.prodigy.net>
Source record: 50490

Richard Clark wrote:
> Ian White GM3SEK wrote:
>>> that the ARRL was overly optimistic when
>>> they asserted that a coiled coax choke can cover
>>> all three octaves of HF.
>>>
>> Agreed.
>
> Really? 3 to 30 MHz is more than three octaves:
> 3 - 6 - 12 - 24 + 1/3 octave more

3 is not in the ham bands. 3.6 - 7.2 - 14.4 - 28.8
There's the three octaves the ARRL was talking about.
--
73, Cecil http://www.w5dxp.com

1417. Re: 5 wpm hams need to move if a 20 wpm Extra wants the frequency.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 23:51:01 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <FLS%g.19210$UG4.13407@newsread2.news.pas.earthlink.net>
Source record: 50491
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Mark in the Dark' wrote in
news:1vatj2117vhj88qkjb1c2ov82hgdksh6ho@4ax.com:

> On Wed, 25 Oct 2006 00:06:31 GMT, Slow Code <my.mail@no.spam> wrote:
>
>>Mark in the Dark' wrote in
>>news:n7vqj2la6ls8qkig2pepek0m608vlnnm8l@4ax.com:
>>
>>> On Mon, 23 Oct 2006 22:17:07 -0400, "Dee Flint"
>>> <deeflint01@comcast.net> wrote:
>
>>
>>
>>But you are lazy Mark in the Dark, you refuse to do what it takes to
>>upgrade.
> no I simply can't do it, certainly in the legal sens eof it
>> You're waiting for the FCC hand-out licenses.
>
> not at all that you can't understand

I understand enough to know that thousands have passed the code elements,
but now that it looks like ham radio is going to get dumbed down more you
refuse to be a good ham and learn it.

SC

1418. I didn't even have to look to see who posted.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 23:51:07 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <LLS%g.19216$UG4.18499@newsread2.news.pas.earthlink.net>
Source record: 50492
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

I saw it was 246 lines and I knew LenAnderson was expelling gas again.

SC

1419. Re: I don't remember horse and buggy, outhouses, or churning butter

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 23:51:09 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <NLS%g.19217$UG4.8170@newsread2.news.pas.earthlink.net>
Source record: 50493
Cross-posted to: rec.radio.amateur.misc,alt.usenet.kooks,rec.radio.amateur.policy,rec.radio.amateur.antenna

Cecil Moore <mycall@hotmail.com> wrote in
news:XNN%g.1103$s6.910@newssvr11.news.prodigy.com:

> amdx wrote:
>> ... turning the crank on a model T, ...
>
> It wasn't just the Model-T. I learned to drive
> on a 37 Chevrolet. It had a crank hole just under
> the grill.

And a Crank behind the steering wheel.

SC

1420. Re: I don't remember horse and buggy, outhouses, or churning butter

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 23:51:10 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <OLS%g.19218$UG4.1065@newsread2.news.pas.earthlink.net>
Source record: 50495
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

lazy ass Mike "amdx" <amdx@knology.net> wrote in
news:5e980$453f9e94$45011502$31488@KNOLOGY.NET:
>
>> Slow Code wrote:
>
>>> New hams just don't appreciate things anymore.
>
> I don't remember,
> cutting wood for winter, foraging the woods for berries,
> turning the crank on a model T, building a spear to kill a deer,
> washing my clothes in the river, making candles to light the night.
> And I do appreciate that I don't have to do these things anymore.
> Mike

Right, and why homebrew anymore when you can call HRO or AES and buy your
appliance off the shelf.

73,
Back to my CW and projects.

SC

1421. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 23:51:14 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <SLS%g.19221$UG4.4481@newsread2.news.pas.earthlink.net>
Source record: 50494
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Cecil Moore <mycall@hotmail.com> wrote in
news:qLN%g.1102$s6.400@newssvr11.news.prodigy.com:

> LenAnderson@ieee.org wrote:
>> From: "Dee Flint" on Sun, Oct 22 2006 8:47am
>>> Yes ham radio is supposed to be camaraderie. People are supposed to
>>> help each other.
>>
>> Then why don't they?
>
> Because a lot of pro-coders would rather belittle
> no-coders than help them?

Everytime you try to offer help to a no-coder or nickle ham, they put
you in a killfile. I don't think they want to improve.

SC

1422. Re: SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 23:51:19 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <XLS%g.19225$UG4.2019@newsread2.news.pas.earthlink.net>
Source record: 50496
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"David G. Nagel" <nagel@core.com> wrote in
news:12jtgoc4hcp4e3b@corp.supernews.com:

> Slow Code wrote:
>> The no-coders on two meters weren't any help? Damn.
>>
>> SC
>
> Actually I was most likely the only ham on the road that night. Even if
> I wasn't the truck drivers know the road since they drive it every day
> where as very few hams do so. I generally see 100-200 CB equipped
> trucks and cars for each ham equipped truck/car. You tell me which
> service is better for road conditions?

Ham radio is better. With CB you can only go out about fifteen miles, but
with ham you can get road conditions three states away. Of course, with
all the no-codes and nickle amateurs on ham radio these days the road
reports aren't as good as they used to be.

SC

1423. Re: What is the ARRL's thought on having good amateurs?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 23:51:30 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <6MS%g.19231$UG4.16485@newsread2.news.pas.earthlink.net>
Source record: 50497
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap,rec.radio.amateur.antenna

"Dr.Ace" <Ace@WH2T.com> wrote in
news:5897f$453fd675$4e08770$14064@DIALUPUSA.NET:

> "john" <john@nospam.net> wrote in message
> news:5ed8j2het7semlb64mkl1tlleu5bb7qbb0@4ax.com...
>> Slow Code is a disgrace to Amateur Radio!
>
> I doubt that SC even has a call sign .
> Ace - WH2T

Tnx, 73, Good luck in the contest.

SC

1424. Re: Would you join the ARRL if you found out they were only interested in selling memberships?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-25 23:51:41 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <hMS%g.19233$UG4.7060@newsread2.news.pas.earthlink.net>
Source record: 50498
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Robert Grizzard <grizzarv@mindspring.com.invalid> wrote in
news:pan.2006.10.25.01.06.24.609041@pan:

> On Wed, 25 Oct 2006 00:12:30 +0000, in rec.radio.swap, "Chris"
> <daviesc838@nospam.alvillage.net> wrote:
>>
>> My, my. Someone whose idea of making a point is to change the subject.
>>
>> 1. The newsgroups were selected by one of your own.
>
> No; they were selected by a malevolent troll who presents a data point
> indicating that W2NSD/1 might have been on to something, assuming he
> really is an Extra.
>
>> I merely followed up
>> to the thread. Talk to the original poster if you are really serious
>> (which of course you are not);
>
> He has been challenged on his behavior before. He has replied with his
> five lifetime goals. He is a one-trick pony.
>
> He is boring.
>
>> 2. The URI you list is non-authoritative, and probably unreliable. The
>> primary authoritative sources on Usenet posting are to be found in the
>> news.answers group.
>
> http://snipurl.com/10buv
>
> (That expands to
> ftp://rtfm.mit.edu/pub/usenet-by-hierarchy/news/newusers/questions/How_to
> _find_the_right_place_to_post_(FAQ), by the way.)
>
> # Newsgroups:
> # news.announce.newusers,news.groups.questions,news.groups.reviews,
> # news.groups,news.newusers.questions,alt.config,alt.answers,NEWS.ANSWERS
>
> Seems it *was* posted to NEWS.ANSWERS.
>
>> Accept nothing else (I suggest that you take a look
>> at the posting FAQ, because you've already violated several of its
>> guidelines), and

>
> Really. Several?
>
> Which ones, praytell? Posting to a newsgroup I don't read? I know
> where rrap is; I choose not to read it. Nevertheless, it is dragged
> willy nilly into a newsgroup I *do* read.
>
> The questions were rhetorical, by the way. You needn't answer.
>
>> 3. Remove the hook that's dangling from your mouth. Everybody can
>> see that you've been snapping at troll bait.
>
> He says, to my first response to this incessant interminable internecine
> war.
>
> Welcome to my killfile. You and "Slow Code" can keep each other
> company.

You try to help someone be a better ham and look what happens, they killfile you. I knew dumbing down ham radio would let in a bunch of ungrateful people, but I didn't think it would get this bad.

SC

1425. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 00:12:34 UTC
From: Mark@kb9rqz.aprs
Message-ID: <7bvvj29l67v414acanfmgo4u7br2h40avb@4ax.com>
Source record: 50499
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Wed, 25 Oct 2006 23:51:14 GMT, Slow Code <my.mail@no.spam> wrote:

>Cecil Moore <mycall@hotmail.com> wrote in
>news:qLN%g.1102$s6.400@newssvr11.news.prodigy.com:
>
>> LenAnderson@ieee.org wrote:
>>> From: "Dee Flint" on Sun, Oct 22 2006 8:47am
>>>> Yes ham radio is supposed to be camaraderie. People are supposed to
>>>> help each other.
>>>
>>> Then why don't they?
>>
>> Because a lot of pro-coders would rather belittle
>> no-coders than help them?
>
>
>
>Everytime you try to offer help to a no-coder or nickle ham, they put
>you in a killfile. I don't think they want to improve.
lying again SC
>
>SC
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1426. Re: SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 00:16:05 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <97T%g.11724$2h.8438@tornado.southeast.rr.com>
Source record: 50500
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Guess what?
SC is not a ham... never has been never will be....

> Ham radio is better. With CB you can only go out about fifteen miles, but
> with ham you can get road conditions three states away. Of course, with
> all the no-codes and nickle amateurs on ham radio these days the road
> reports aren't as good as they used to be.
>
> SC

1427. Re: 5 wpm hams need to move if a 20 wpm Extra wants the frequency.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 00:17:10 UTC
From: Mark@kb9rqz.aprs
Message-ID: <7jvvj21ntnbd2llfp5cgk1md01gb9mdojn@4ax.com>
Source record: 50501
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Wed, 25 Oct 2006 23:51:01 GMT, Slow Code <my.mail@no.spam> wrote:

>Mark in the Dark' wrote in
>news:1vatj2117vhj88qkjb1c2ov82hgdksh6ho@4ax.com:
>
>> On Wed, 25 Oct 2006 00:06:31 GMT, Slow Code <my.mail@no.spam> wrote:
>>
>>>Mark in the Dark' wrote in
>>>news:n7vqj2la6ls8qkig2pepek0m608vlnnm8l@4ax.com:
>>>
>>>> On Mon, 23 Oct 2006 22:17:07 -0400, "Dee Flint"
>>>> <deeflint01@comcast.net> wrote:
>>
>>>
>>>
>>>But you are lazy Mark in the Dark, you refuse to do what it takes to
>>>upgrade.
>> no I simply can't do it, certainly in the legal sens eof it
>>> You're waiting for the FCC hand-out licenses.
>>
>> not at all that you can't understand
>
>
>I understand enough to know that thousands have passed the code elements,
so? Hilter killed miliions of jew did that make it right?
>but now that it looks like ham radio is going to get dumbed down more you
>refuse to be a good ham and learn it.
if you are a good ham I'll be a bad one
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1428. Re: Would you join the ARRL if you found out they were only interested in selling memberships?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 00:20:44 UTC
From: Mark@kb9rqz.aprs
Message-ID: <aovvj2lblnurrqkb0bt6jjtd7tssff7nuj@4ax.com>
Source record: 50502
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Wed, 25 Oct 2006 23:51:41 GMT, Slow Code <my.mail@no.spam> wrote:

>Robert Grizzard <grizzarv@mindspring.com.invalid> wrote in
>news:pan.2006.10.25.01.06.24.609041@pan:
>
>> On Wed, 25 Oct 2006 00:12:30 +0000, in rec.radio.swap, "Chris"
>> <daviesc838@nospam.alvillage.net> wrote:
>>>
>>> My, my. Someone whose idea of making a point is to change the subject.
>>>
>>> 1. The newsgroups were selected by one of your own.
>>
>> No; they were selected by a malevolent troll who presents a data point
>> indicating that W2NSD/1 might have been on to something, assuming he
>> really is an Extra.
>>
>>> I merely followed up
>>> to the thread. Talk to the original poster if you are really serious
>>> (which of course you are not);
>>
>> He has been challenged on his behavior before. He has replied with his
>> five lifetime goals. He is a one-trick pony.
>>
>> He is boring.
>>
>>> 2. The URI you list is non-authoritative, and probably unreliable. The
>>> primary authoritative sources on Usenet posting are to be found in the
>>> news.answers group.
>>
>> http://snipurl.com/10buv
>>
>> (That expands to
>> ftp://rtfm.mit.edu/pub/usenet-by-hierarchy/news/newusers/questions/How_to
>> _find_the_right_place_to_post_(FAQ), by the way.)
>>
>> # Newsgroups:
>> # news.announce.newusers,news.groups.questions,news.groups.reviews,
>> # news.groups,news.newusers.questions,alt.config,alt.answers,NEWS.ANSWERS
>>
>> Seems it *was* posted to NEWS.ANSWERS.
>>
>>> Accept nothing else (I suggest that you take a look

>>> at the posting FAQ, because you've already violated several of its
>>> guidelines), and
>>
>> Really. Several?
>>
>> Which ones, praytell? Posting to a newsgroup I don't read? I know
>> where rrap is; I choose not to read it. Nevertheless, it is dragged
>> willy nilly into a newsgroup I *do* read.
>>
>> The questions were rhetorical, by the way. You needn't answer.
>>
>>> 3. Remove the hook that's dangling from your mouth. Everybody can
>>> see that you've been snapping at troll bait.
>>
>> He says, to my first response to this incessant interminable internecine
>> war.
>>
>> Welcome to my killfile. You and "Slow Code" can keep each other
>> company.
>
>
>You try to help someone be a better ham and look what happens, they
>killfile you.
you might look at yourself but no EVERYTHING is OTHER peoeples fault
indeed you sound lIke Manson complaining that peopel were not going
along with his dieas and so to help he saged the Tate and LaBianca
Killing

is that you plan for the ARS SC?
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1429. Re: SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 00:21:59 UTC
From: Mark@kb9rqz.aprs
Message-ID: <hrvvj2l3ts1skfc83uj4vfiofmn7ut8f0o@4ax.com>
Source record: 50504
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Wed, 25 Oct 2006 23:51:19 GMT, Slow Code <my.mail@no.spam> wrote:

>"David G. Nagel" <nagel@core.com> wrote in
>news:12jtgoc4hcp4e3b@corp.supernews.com:
>
>> Slow Code wrote:
>>> The no-coders on two meters weren't any help? Damn.
>>>
>>> SC
>>
>> Actually I was most likely the only ham on the road that night. Even if
>> I wasn't the truck drivers know the road since they drive it every day
>> where as very few hams do so. I generally see 100-200 CB equipped
>> trucks and cars for each ham equipped truck/car. You tell me which
>> service is better for road conditions?
>
>
>
>Ham radio is better.
both have there uses you are found saying you support BALANCE but you
oppose true balnce at every turn
> With CB you can only go out about fifteen miles, but
>with ham you can get road conditions three states away.
which is course useless
> Of course, with
>all the no-codes and nickle amateurs on ham radio these days the road
>reports aren't as good as they used to be.
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1430. fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 00:22:01 UTC
From: ml <m@di.net>
Message-ID: <m-298884.20220325102006@news.verizon.net>
Source record: 50503

hi

was wondering if someone had some thoughts on this and might be able to help me 'calculate' the value i need

I was thinking of getting a jado fuel cell, it puts out 100w (about 8amps ?) @12vdc

it's not totally regulated, at full output the volts dip a bit

wanted to power a 2m rig at low power 5w out it falls w/in the spec's of the jado but i wanted a buffer

at first i thought of a battery using the full cell to charge the battery during receive since tx is brief but how do i calculate how big a battery i need?

i also wondering if perhaps a capacitor or a few of them might also do the trick and if so how to size them

not sure the pro's /cons' of battery vs cap's

naturally if i used the caps' i'd prob get a dc to dc regulator

any help appreciated

1431. Re: I don't remember horse and buggy, outhouses, or churning butter

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 00:23:30 UTC
From: Mark@kb9rqz.aprs
Message-ID: <ivvvj2paq3412ueth2hbrrh6dchjdpdm6a@4ax.com>
Source record: 50505
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

On Wed, 25 Oct 2006 23:51:10 GMT, Slow Code <my.mail@no.spam> wrote:

>lazy ass Mike "amdx" <amdx@knology.net> wrote in
>news:5e980$453f9e94$45011502$31488@KNOLOGY.NET:
>>
>>> Slow Code wrote:
>>
>>>> New hams just don't appreciate things anymore.
>>
>> I don't remember,
>> cutting wood for winter, foraging the woods for berries,
>> turning the crank on a model T, building a spear to kill a deer,
>> washing my clothes in the river, making candles to light the night.
>> And I do appreciate that I don't have to do these things anymore.
>> Mike
>
>
>Right, and why homebrew anymore when you can call HRO or AES and buy your
>appliance off the shelf.
>
>
>73,
>Back to my CW and projects.

funny how you never seem to finsh any?
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1432. Re: What is the ARRL's thought on having good amateurs?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 00:24:21 UTC
From: Mark@kb9rqz.aprs
Message-ID: <754gi2tmfvtrol85pqfj3j4ufi99ahtkj9@4ax.com>
Source record: 50506
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap,rec.radio.amateur.antenna

I punce in ontop posting now. only dmub guys like SC botom post.
http://kb9rqz.blogspot.com
On Wed, 25 Oct 2006 23:51:30 GMT, Slow Code <my.mail@no.spam> wrote:
> "Dr.Ace" <Ace@WH2T.com> wrote in
> news:5897f$453fd675$4e08770$14064@DIALUPUSA.NET:
>
> > "john" <john@nospam.net> wrote in message
> > news:5ed8j2het7semlb64mkl1tlleu5bb7qbb0@4ax.com...
> >> Slow Code is a disgrace to Amateur Radio!
> >
> > I doubt that SC even has a call sign .
> > Ace - WH2T
>
>
> Tnx, 73, Good luck in the contest.
>
> SC

1433. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 00:25:24 UTC
From: Dee Flint <deeflint01@comcast.net>
Message-ID: <aJGdnRBtQNAand3YnZ2dnUVZ_oSdnZ2d@comcast.com>
Source record: 50507
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:qLN%g.1102$s6.400@newssvr11.news.prodigy.com...
> LenAnderson@ieee.org wrote:
>> From: "Dee Flint" on Sun, Oct 22 2006 8:47am
>>> Yes ham radio is supposed to be camaraderie. People are supposed to
>>> help
>>> each other.
>>
>> Then why don't they?
>
> Because a lot of pro-coders would rather belittle
> no-coders than help them?

More likely a knee jerk reaction to the very few but very vocal ones who try to come in and act like they know all there is to know about radio when the "ink isn't even dry on their license". It's unfortunate that the experienced hams don't have the discipline to withstand this nonsense without such knee-jerk reactions.

When a new licensee (the level of license is irrelevant) tells me that you can't work DX without an amplifier, I just tell him about the countries I worked with my 100 watt radio and relatively low mount G5RV. But some hams turn bitter instead when a newbie insists that he is right and they are wrong.

Dee, N8UZE

1434. geive the trol a break

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 00:29:03 UTC
From: Mark@kb9rqz.aprs
Message-ID: <n900k2d93ih4hmlcu03ph08aiqo9hvkhal@4ax.com>
Source record: 50508
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Wed, 25 Oct 2006 23:51:07 GMT, Slow Code <my.mail@no.spam> wrote:

>
>
>I saw it was 246 lines and I knew LenAnderson was expelling gas again.
no one will mistake you for a good ham SC
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1435. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 00:33:25 UTC
From: Mark@kb9rqz.aprs
Message-ID: <gg00k29fit9o5qk6sj2o1inqhvjbn5ps8k@4ax.com>
Source record: 50509
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Wed, 25 Oct 2006 20:25:24 -0400, "Dee Flint"
<deeflint01@comcast.net> wrote:

>
>"Cecil Moore" <mycall@hotmail.com> wrote in message
>news:qLN%g.1102$s6.400@newssvr11.news.prodigy.com...
>> LenAnderson@ieee.org wrote:
>>> From: "Dee Flint" on Sun, Oct 22 2006 8:47am
>>>> Yes ham radio is supposed to be camaraderie. People are supposed to
>>>> help
>>>> each other.
>>>
>>> Then why don't they?
>>
>> Because a lot of pro-coders would rather belittle
>> no-coders than help them?
>
>More likely a knee jerk reaction to the very few but very vocal ones who try
>to come in and act like they know all there is to know about radio when the
>"ink isn't even dry on their license".
and of course you never look to YOUR own posting the News ham are
required to endure your abuse along with the rest
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1436. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 00:39:14 UTC
From: Mark@kb9rqz.aprs
Message-ID: <754hl89tmfvtrol85wrsj3j4ufigl9htkj9@4ax.com>
Source record: 50510
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

I punce on toposting now instaed of old fashon carp that Dee uses. and most
of thema re wash balony in old foger. it is true.
http://kb9rqz.blogspot.com
On Wed, 25 Oct 2006 20:25:24 -0400, Dee Flint <deeflint01@comcast.net> wrote:
>
> "Cecil Moore" <mycall@hotmail.com> wrote in message
> news:qLN%g.1102$s6.400@newssvr11.news.prodigy.com...
> > LenAnderson@ieee.org wrote:
> >> From: "Dee Flint" on Sun, Oct 22 2006 8:47am
> >>> Yes ham radio is supposed to be camaraderie. People are supposed to
> >>> help
> >>> each other.
> >>
> >> Then why don't they?
> >>
> > Because a lot of pro-coders would rather belittle
> > no-coders than help them?
>
> More likely a knee jerk reaction to the very few but very vocal ones who try
> to come in and act like they know all there is to know about radio when the
> "ink isn't even dry on their license". It's unfortunate that the
> experienced hams don't have the discipline to withstand this nonsense
> without such knee-jerk reactions.
>
> When a new licensee (the level of license is irrelevant) tells me that you
> can't work DX without an amplifier, I just tell him about the countries I
> worked with my 100 watt radio and relatively low mount G5RV. But some hams
> turn bitter instead when a newbie insists that he is right and they are
> wrong.
>
> Dee, N8UZE

1437. Re: 5 wpm hams need to move if a 20 wpm Extra wants the frequency.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 00:40:49 UTC
From: Douche Bag <loumaagsucks@hotmail.com>
Message-ID: <1161823249.183022.208620@f16g2000cwb.googlegroups.com>
Source record: 50511
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Stick code up your lame old ass. No one cares about code, let alone
hams, shortwave, etc. Get a fucking life. No one here wants to hear
about your dead code bullshit.
Mark@kb9rqz.aprs wrote:
> On Wed, 25 Oct 2006 23:51:01 GMT, Slow Code <my.mail@no.spam> wrote:
>
> >Mark in the Dark' wrote in
> >news:1vatj2117vhj88qkjb1c2ov82hgdksh6ho@4ax.com:
> >
> >> On Wed, 25 Oct 2006 00:06:31 GMT, Slow Code <my.mail@no.spam> wrote:
> >>
> >>>Mark in the Dark' wrote in
> >>>news:n7vqj2la6ls8qkig2pepek0m608vlnnm8l@4ax.com:
> >>>
> >>>> On Mon, 23 Oct 2006 22:17:07 -0400, "Dee Flint"
> >>>> <deeflint01@comcast.net> wrote:
> >>
> >>>
> >>>
> >>>>But you are lazy Mark in the Dark, you refuse to do what it takes to
> >>>>upgrade.
> >> no I simply can't do it, certainly in the legal sens eof it
> >>> You're waiting for the FCC hand-out licenses.
> >>
> >> not at all that you can't understand
> >>
> >>
> >I understand enough to know that thousands have passed the code elements,
> so? Hilter killed miliions of jew did that make it right?
> >but now that it looks like ham radio is going to get dumbed down more you
> >refuse to be a good ham and learn it.
> if you are a good ham I'll be a bad one
> >
> >SC
> http://kb9rqz.blogspot.com/
>
> --
> Posted via a free Usenet account from http://www.teranews.com

1438. Re: I don't remember horse and buggy, outhouses, or churning butter

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 00:40:57 UTC
From: Walter Maxwell <walt@w2du.com>
Message-ID: <nt00k2ld0gk28l451moq505iu3gpinr294@4ax.com>
Source record: 50513

On Wed, 25 Oct 2006 22:20:23 GMT, Cecil Moore <mycall@hotmail.com> wrote:

>Walter Maxwell wrote:
>> ... I had to use the three-holer with paper from the Sears Roebuck
>> catalog.
>
>Dang Walt, you guys were really high class.
>We used shucked corn cobs down here.

That's right, Cecil, the Sears Roebuck catalog came later. We first had brown cobs and then a white cob to see if we needed another brown cob.

Walt

1439. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 00:41:08 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1161823268.868278.57140@b28g2000cwb.googlegroups.com>
Source record: 50512
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Mark@kb9rqz.aprs wrote:
>
forger

1440. Re: fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 00:50:28 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <m010k2pn5tjf1lbm42serqtfpful5iv2cv@4ax.com>
Source record: 50514

On Thu, 26 Oct 2006 00:22:01 GMT, ml <m@di.net> wrote:

>I was thinking of getting a jado fuel cell, it puts out 100w (about
>8amps ?) @12vdc

Hi Myles,

Fuel Cell??? That is a pretty pricey option.

More than likely it is 100WH (Watt-hour, not Watt) rated.

>wanted to power a 2m rig at low power 5w out it falls w/in the spec's
>of the jado but i wanted a buffer

Well, a 5W transmitter is not going to load it too heavily, but you
have to figure that 5W out is a 10W demand on the battery. This means
your battery will work 8 - 10 Hours continuous (you don't sit on the
key, do you?).

>at first i thought of a battery using the full cell to charge the
>battery during receive since tx is brief but how do i calculate

A battery - fuel cell - battery?

>how big a battery i need?

At least 100WH, undoubtedly more.

Why charge a fuel cell with a battery? Why not cut out the middle man
and just run battery operation?

>i also wondering if perhaps a capacitor or a few of them might also
>do the trick and if so how to size them

Not unless you can assemble a couple hundred Farads (note the complete
absence of pico, nano, or micro in that Farads). The short version is
DON'T GO THERE.

73's
Richard Clark, KB7QHC

1441. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 00:59:27 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1161824367.626333.274320@m73g2000cwd.googlegroups.com>
Source record: 50515
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Chris wrote:
> On 25 Oct 2006 17:41:08 -0700, an_old_friend <konstans@hotmail.com> wrote:
> >
> > Mark@kb9rqz.aprs wrote:
> > >
> > forger
>
> That's "froger". F-R-O-G-E-R!!! GOT IT???????
no the word is forger

that you can't even spell as well as I can

1442. Re: I don't remember horse and buggy, outhouses, or churning butter

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 01:22:50 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1161825770.651077.10390@f16g2000cwb.googlegroups.com>
Source record: 50516
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna

Slow Code wrote:
> Cecil Moore <mycall@hotmail.com> wrote in
> news:XNN%g.1103$s6.910@newssvr11.news.prodigy.com:
>
> > amdx wrote:
> >> ... turning the crank on a model T, ...
> >
> > It wasn't just the Model-T. I learned to drive
> > on a 37 Chevrolet. It had a crank hole just under
> > the grill.
>
>
> And a Crank behind the steering wheel.

a bit of honesty admiting to being a crank
>
> SC

1443. Re: fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 01:27:05 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <45400eeb$0$6150$39cecf19@news.twtelecom.net>
Source record: 50517

ml wrote:

> hi
>
> was wondering if someone had some thoughts on this and might be able to
> help me 'calculate' the value i need
>
> I was thinking of getting a jado fuel cell, it puts out 100w (about
> 8amps ?) @12vdc
>
> it's not totally regulated, at full output the volts dip a bit
>
> wanted to power a 2m rig at low power 5w out it falls w/in the spec's
> of the jado but i wanted a buffer
>
> at first i thought of a battery using the full cell to charge the
> battery during receive since tx is brief but how do i calculate
> how big a battery i need?
>
>
> i also wondering if perhaps a capacitor or a few of them might also
> do the trick and if so how to size them
>
> not sure the pro's /cons' of battery vs cap's
>
>
> naturally if i used the caps' i'd prob get a dc to dc regulator
>
> any help appreciated

I would use a small gel cell across the 12V output. I do have some worries since it says "nominal" 12V output and no better information than that seems to be available on the site.

Except the prices. You must be quite well off to consider purchasing this, since the XRT is $7999 and does not include a refill station at $599 or $1799, so once your canisters are empty you are done.

If you can afford this system, I would suggest you buy a nice top end deep cycle battery, $300 for 80 AH is in the correct range.

Or you could just burn gasoline in a 2000W Honda which costs about $1000, makes almost no noise, is quite light, and will generate less CO2 than the fuel cell system will when you get down to reality since the fuel cell system is actually powered by the fairly inefficient electrical grid. And it will cost a ton less as well as delivering 20

times the peak power with commonly available fuel.

tom
K0TAR

1444. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 01:31:13 UTC
From: Christopher Cox <chrisTOPHERcOX@coboxincORORATED.com>
Message-ID: <BdU%g.18790$pq4.6174@tornado.ohiordc.rr.com>
Source record: 50518

Dave wrote:
> Christopher Cox wrote:
>
> SNIPPED
>
>>>
>>> You have recognized a GREAT TRUTH about this group. There NEVER is a
>>> conclusion! Oh, there are subthreads, red herring threads, three
>>> month continuous running threads, insulting threads, I am better than
>>> you are threads, even threads that remain close to the original subject.
>>>
>>> But, there is NEVER a concluding post to a thread.
>
>
> /s/ DD ... I wrote the above
>
>>>
>>
>> Actually there was enough information to conclude if you want an all
>> hf band 1:1 balun, abandoning the coiled coax and using ferrite may be
>> the way to go.
>>
>> Wow, what a run on sentence!
>
>
> Which sentence? Mine is totally grammatically correct.
>
> A real run on sentence will be found if you study the serious works of
> some Jesuit Priests. When I was in seminary I had to read/study some
> Jesuit theology texts. The first sentence took three pages. One chapter
> took an 8 hour flight from Boston to LA. And, I still didn't finish :-(
>
> But, they were grammatically correct ... Does that mean your sentence is
> too short? :-)
>
> Now, hopefully to conclude this thread [well maybe] I agree that a
> broadband ferrite balun is the way to go for typical HF.
>
> /s/ DD
>

Hi Dave,

I am notorious for my poor grammar and run on sentence creation. It was
a knee jerk reaction of mine to point out my poor grammar before someone

else does.

But three pages! Wow that beats any sentence I could come up with.

Regards,

Chris

1445. Re: fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 01:34:10 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <mgU%g.1230$s6.1195@newssvr11.news.prodigy.com>
Source record: 50519

Tom Ring wrote:
> If you can afford this system, I would suggest you buy a nice top end
> deep cycle battery, $300 for 80 AH is in the correct range.

My 115 amp hour deep cycle trolling battery only
cost about $70 at Sam's Club.
--
73, Cecil http://www.w5dxp.com

1446. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 02:32:28 UTC
From: jawod <jawod@fuse.net>
Message-ID: <45401E3C.2070803@fuse.net>
Source record: 50520

Dave wrote:
> mcalhoun@ksu.edu wrote:
>
>> Ian White (GM3SEK), Cecil Moore (W5DXP), and probably others have
>> discused HF chokes made from flat vs. bunched coils of coaxial cable,
>> but I must have missed some posting(s), for I haven't recognized
>> anything that looks like a CONCLUSION.
>>
>> * Is "bunched" or "flat" better?
>> * Are they basically single-band or wide-band or somewhere in-between?
>> * Are there "rules of thumb" to make them for hams with
>> * No test equipment?
>> * A grid-dip meter?
>> * A noise bridge?
>> * An antenna analyzer?
>>
>
> Conclusions! You want WHAT??
>
> You have recognized a GREAT TRUTH about this group. There NEVER is a
> conclusion! Oh, there are subthreads, red herring threads, three month
> continuous running threads, insulting threads, I am better than you are
> threads, even threads that remain close to the original subject.
>
> But, there is NEVER a concluding post to a thread.
>
You need to do some reading. Try "Conclusions for Dummies", along with
Feynman's "Special Relativity and the Dipole" and possibly also "String
Theory and Its Applications to Near Field Anomalies". After that, you
have my permission to post in this NG.
:)

1447. Re: fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 02:38:06 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <45401f8f$0$6154$39cecf19@news.twtelecom.net>
Source record: 50521

Tom Ring wrote:

> Or you could just burn gasoline in a 2000W Honda which costs about
> $1000, makes almost no noise, is quite light, and will generate less CO2
> than the fuel cell system will when you get down to reality since the
> fuel cell system is actually powered by the fairly inefficient
> electrical grid. And it will cost a ton less as well as delivering 20
> times the peak power with commonly available fuel.

BTW, the 1000W EU1000i model will deliver 1000W at 3.8 gallons per day, and 250W at 1.7 gallons per day. The unit is listed at 790 USD. There are simple modifications to use a boat gas tank (usually about 6 gallons) with this unit which would make the run time 3 days for most emergency amateur use before refill. I would take this as a first responder system in a heartbeat.

I also wonder where one would get the energy to refill the hydrogen for the fuel cell unit when in a place like New Orleans after Katrina. Gasoline would still need to be hauled in, and would probably be more efficiently used providing power directly from a smart generator than splitting water to make hydrogen which would then be used in a fuel cell.

tom
K0TAR

1448. Re: fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 03:25:14 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <45402a9c$0$1016$39cecf19@news.twtelecom.net>
Source record: 50522

ml wrote:

> hi
>
> was wondering if someone had some thoughts on this and might be able to
> help me 'calculate' the value i need
>
> I was thinking of getting a jado fuel cell, it puts out 100w (about
> 8amps ?) @12vdc
>
> it's not totally regulated, at full output the volts dip a bit
>
> wanted to power a 2m rig at low power 5w out it falls w/in the spec's
> of the jado but i wanted a buffer
>
> at first i thought of a battery using the full cell to charge the
> battery during receive since tx is brief but how do i calculate
> how big a battery i need?
>
>
> i also wondering if perhaps a capacitor or a few of them might also
> do the trick and if so how to size them
>
> not sure the pro's /cons' of battery vs cap's
>
>
> naturally if i used the caps' i'd prob get a dc to dc regulator
>
> any help appreciated

If all you really need is 5W out I would spend my money on about 5 amps of solar cells at 12 volts nominal, a really good charge controller such as this one - http://store.solar-electric.com/sbchco2512vm.html - and a good 200 or 300 AH deep cycle, you would be well ahead of the fuel cell solution. And it would keep you in energy for a lot of dim days.

tom
K0TAR

1449. Re: Timewave ANC-4 question!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 03:36:15 UTC
From: Sun Tzu <Sun_Tzu@war_what_does_it_mean.org>
Message-ID: <VYOdnfn5asNgsd3YnZ2dnUVZ_qOdnZ2d@hawaiiantel.net>
Source record: 50523

How did you manage to find this arrangement? trial & error? by accident?
I keep trying different things but maybe I am "thinking" too much, maybe its simpler than what I am trying to do.

Dave wrote:

> Mine seems to work fine with about 25 feet of wire simply run out the
> window and about 4 inches above the ground along the foundation of the
> house.
>
> [End fed random wire approach]
>
> /s/ DD
>
> Sun Tzu wrote:
>
>> I use an Timewave ANC-4 to reduce noise on the low bands at my location.
>> On 40 & 160 meters I can reduce the noise almost to S1, but on 75 meters
>> I can only reduce it to S4-5.
>> I use a noise sense antenna which is a dipole 4ft on each side about 4
>> inches off the ground and parallel to the power and telephone lines.
>> Anyone have one of these units and having any ideas I might try to reduce
>> 75 meters to a lower S-meter reading?
>>
>> All my low band antennas are verticals.
>>
>> Stan
>> AH6JR

1450. Re: Timewave ANC-4 question!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 03:37:34 UTC
From: Sun Tzu <Sun_Tzu@war_what_does_it_mean.org>
Message-ID: <VYOdnfj5asPRsN3YnZ2dnUVZ_qOdnZ2d@hawaiiantel.net>
Source record: 50524

Dave Oldridge wrote:

> Sun Tzu <Sun_Tzu@war_what_does_it_mean.org> wrote in
> news:_rCdndMY26mGEqLYnZ2dnUVZ_oOdnZ2d@hawaiiantel.net:
>
>> I use an Timewave ANC-4 to reduce noise on the low bands at my
>> location. On 40 & 160 meters I can reduce the noise almost to S1, but
>> on 75 meters I can only reduce it to S4-5.
>> I use a noise sense antenna which is a dipole 4ft on each side about 4
>> inches off the ground and parallel to the power and telephone lines.
>> Anyone have one of these units and having any ideas I might try to
>> reduce 75 meters to a lower S-meter reading?
>>
>> All my low band antennas are verticals.
>
> You might try using a vertical whip for the ANC-4. I use the built-in one
> on my MFJ-1026. Even so, you may just be experiencing general ionospheric
> noise at that level if your antenna is fairly good.
>
> Is your QTH urban or rural? Here in urban downtown Chilliwack, BC, I get
> a lot of noise sources and, of course, the 1026 can really only take out
> the loudest single source.
>
>

I guess its residential on 1/3 of an acre lots. Not real tight.
But the utilities are above ground and that probably doesnt help.

1451. Cushcraft Antenna Query

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 03:47:45 UTC
From: Radiosrfun <radiosrfun@radiosrfun.com>
Message-ID: <45402f33$0$13803$ecde5a14@news.coretel.net>
Source record: 50525

Anyone know what Cushcraft uses in their 2 meter and similar antennas to secure the lower end into their base? It "appears" to be a white substance. Lots of hot melt glue?

The substance gave way on an antenna I have here and I'd like to repair it.

Thanks!

1452. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 04:07:56 UTC
From: vetefistest <vetswlham@yahoo.com>
Message-ID: <1161835676.853678.129230@i3g2000cwc.googlegroups.com>
Source record: 50426
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

AYE and amen.
Dave wrote:
> Opus- wrote:
>
> SNIPPED
> >
> >
> > I'm not, nor will I ever. If code means associating with bigots like
> > you, then I want no part of it. Much rather talk to civilized people.
>
> Then we will gladly acknowledge that you desire to leave this NG.
>
> We don't need the profanity, the attitude and the whimpering.
>
> All in favor, say AYE! ...

1453. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 04:57:58 UTC
From: Opus- <jbuchy@shaw.ca>
Message-ID: <n1g0k2h8kugbpj65vjk8fc96uk5hsl70k8@4ax.com>
Source record: 50427
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Don't you have some offs to fuck?

On 25 Oct 2006 21:07:56 -0700, "vetefistest" <vetswlham@yahoo.com>
spake thusly:

> AYE and amen.
>Dave wrote:
>> Opus- wrote:
>>
>> SNIPPED
>> >
>> >
>> > I'm not, nor will I ever. If code means associating with bigots like
>> > you, then I want no part of it. Much rather talk to civilized people.
>>
>> Then we will gladly acknowledge that you desire to leave this NG.
>>
>> We don't need the profanity, the attitude and the whimpering.
>>
>> All in favor, say AYE! ...

1454. Gang Re: fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 09:37:27 UTC
From: ml <m@di.net>
Message-ID: <m-7BBCA8.05372826102006@news.verizon.net>
Source record: 50428

In article <m010k2pn5tjf1lbm42serqtfpful5iv2cv@4ax.com>,
Richard Clark <kb7qhc@comcast.net> wrote:

> On Thu, 26 Oct 2006 00:22:01 GMT, ml <m@di.net> wrote:
>
> >I was thinking of getting a jado fuel cell, it puts out 100w (about
> >8amps ?) @12vdc
>
> Hi Myles,
>
> Fuel Cell??? That is a pretty pricey option.
>
> More than likely it is 100WH (Watt-hour, not Watt) rated.
>
> >wanted to power a 2m rig at low power 5w out it falls w/in the spec's
> >of the jado but i wanted a buffer
>
> Well, a 5W transmitter is not going to load it too heavily, but you
> have to figure that 5W out is a 10W demand on the battery. This means
> your battery will work 8 - 10 Hours continuous (you don't sit on the
> key, do you?).
>
> >at first i thought of a battery using the full cell to charge the
> >battery during receive since tx is brief but how do i calculate
>
> A battery - fuel cell - battery?
>
> >how big a battery i need?
>
> At least 100WH, undoubtedly more.
>
> Why charge a fuel cell with a battery? Why not cut out the middle man
> and just run battery operation?
>
> >i also wondering if perhaps a capacitor or a few of them might also
> >do the trick and if so how to size them
>
> Not unless you can assemble a couple hundred Farads (note the complete
> absence of pico, nano, or micro in that Farads). The short version is
> DON'T GO THERE.
>
> 73's
> Richard Clark, KB7QHC

thanks to all that replyed\
Tom , you changed my equation, combustion generators and solar are not options or the question, it was a rather obvious choice but thanks <not sure where everyone got their spec's from and pricing but your numbers are off and most likely i'd get a sample unit free , tom i also wouldn't be using it's charging canisters but sstraight into the tank

the jado i mentioned list price is around 2k$$ and i can get it for less list and it is 100w it lit my 75w light bulb pretty steady and bright

Question:
i thought since my key down isn't steady that might be enough juice to then charge top off'' the battery but i didn't know how to size it

i'd have x amps (or ah) from fuel cell x ammount of draw think my rig pulls 5amps? tx, x ammount capacity from batt,, so after say a min of key down the battery would be y drained, given a big enough battery Y (drain)would need to be small enough such that the 12/8amps out of the Jado fuel cell would be able /fast enough to top it back off

question is what is that value how do i calculate how big a battery i need at the know constants?

Rich the reason i thought of cap's was both the short key down time and the article in cq of this new powersupply that uses a few 5farads it got me thinking if it could be modified to do dc to dc regulation rather than 120v ....maybe i was pushing it, then i thought of supercapacitors i dunno

1455. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 10:36:04 UTC
From: N2EY@AOL.COM
Message-ID: <1161858964.081670.257920@m7g2000cwm.googlegroups.com>
Source record: 50429
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

LenAnderson@ieee.org wrote:
> From: "Dee Flint" on Sun, Oct 22 2006 8:47am
> >"Opus-" <jbuchy@shaw.ca> wrote in message

> >Yes ham radio is supposed to be camaraderie. People are supposed to help
> >each other.
>
> Then why don't they?

They *do*, Len.

> >The divisiveness stems from the fact that too many no-coders
> >appear to want to change the requirements with no knowledge, experience, or
> >understanding of the requirements.
>
> Nonsense.

No, it's the truth.

> Pro-coders do NOT have some "lock" on What The
> Requirements Should Be.

Nobody says they do.

> They never did, despite all the
> pro-code propaganda drilled into your respective psyches.

No such "propaganda", Len.

> It should be quite obvious that every other radio service
> has either given up on using morse code for communications
> or never considered it in the first place.

Why is that important to *amateur radio* policy, Len? Amateurs *do* use
Morse Code - extensively.

> Manual radio-
> telegraphy has only a slight advantage in communications
> with other amateurs using radiotelegraphy who do not speak
> English.

Actually, Morse Code has a lot of advantages.

> Note: Nowhere in the "requirements" (Title 47 C.F.R. Part
> 97 for US radio amateurs) is it mandatory for US amateurs
> to communicate with foreigners.

That's true. But one of the Basis and Purposes of the Amateur Radio
Service is international good will. Communicating with "foreigners" is
one way to do that.

> NB: Non-English speakers
> using International Morse Code are, essentially, required
> to learn parts of English to understand the English
> alphabet (difficult if their native language is syllabic
> or has a different alphabet).

Of course. So?
>
> The ITU-R "requirements" (Radio Regulations) no longer
> "require" administrations to test ALL their amateurs for
> any license having below-30-MHz privileges.

Yep. That changed almost 3-1/2 years ago. Yet FCC has not acted upon
it.

> The major
> (in population) nation administrations have dropped their
> morse code testing or substitute other tests in lieu of
> morse code.

How do you know?

Have China, India and the countries making up the former Soviet Union
changed their Morse Code test policy? How about Japan?

Seems to me that the changes have mostly occurred in Western Europe,
the British Commonwealth, and a few South American countries.

> Since some of those nations do not have
> English as a primary language, those will have some future
> difficulty using that (supposed "universal language" of
> morse code) for communications with USA radio amateurs.
>
> >In addition, most of us have experienced
> >people who said they could not learn code but upon questioning find that
> >they did not use a good training method and did not train correctly.
>
> More overtly biased opinion...written AS IF morse code
> were an "absolute requirement" when it is merely an old
> regulatory hanger-on in USA amateur federal rules.

It's a fact that at least some people use poorly-designed training
methods.

> The REGULATION (not "the requirement") for US radio
> amateurs is simply a man-made regulation which can be
> un-man-made. It is not some God-given commandment of
> radio.

That's true. In fact, *all* radio license requirements are man-made.

> Indeed, all other US radio services operating
> below 30 MHz do NOT use morse code radiotelegraphy.

Why is that so important? Do you think radio amateurs should not use it
either?

> Why should radio amateurs be held elevated to some
> special significance?

It's not about 'special significance".

Radio amateurs *do* use Morse Code, so it makes sense to test for
knowledge of it.
>
> Except for the older military-trained radiotelegraphers
> in US amateur radio, all the tales told (by so-called
> successful pro-coders) have them doing basic learning
> then trying out on the amateur radio bands for greater
> skill in radiotelegraphy.

What's wrong with that?

> The basic fallacy of pro-coder thinking is that "all"
> have some innate ability to learn morse code.

There are obviously those who cannot learn it - just as there are those
who cannot learn to speak, or read and write, or who cannot pass the
written tests.

> That has
> been disproven as far back as World War II when the US
> military began screening new recruits for the aptitude
> to learn morse code.

Nope.

The military aptitude testing was done to find those who could learn
the fastest and reach the highest levels of skill in the least time.
The requirements for military radio telegraphers were much higher than
for amateurs, and the military could not afford lots of time to train
them.

btw, the existence of such aptitude testing proves that the US military
needed large numbers of Morse Code skilled radio operators during WW2.

> That fallacy has been disproven
> by countless other tales of individuals who tried the
> so-called "good training methods" and tried to "train
> correctly" (even under strict supervision).

Who are they, Len?

> >Yet
> >when they decided they were tired of waiting did learn it and got their
> >upgrade.
>

> The "upgrade requirements" were lobbied for to emphasize
> morse code radiotelegraphy skill. That is history.

Who lobbied for those requirements, Len?

When did they lobby for the requirements?

The fact is that in all the history of US amateur radio licensing,
every increase in Morse Code testing has been accompanied by an
increase in written test requirements. So the emphasis has always been
balanced between written testing and Morse Code testing.

Since 1990 it has not been necessary for anyone with a doctor's note
seeking an FCC-issued amateur license to go beyond the basic 5 wpm
test. Since 2000 it has not been necessary for anyone seeking an
FCC-issued amateur license to go beyond the basic 5 wpm test.

> It
> would have been difficult to overcome the lobbying of the
> ARRL towards such "upgrades through morsemanship."

When did ARRL do such lobbying, Len? 1936?

> Yet
> there has been efforts by concerned radio amateurs (who
> have been tested to the maximum telegraphic radtes) to
> eliminate the morse code test entire.

And efforts by others to retain the test.

> >The 5wpm level is obtainable
> >although some of the problem do make faster speeds a problem (constant
> >tinnitus may be a severe problem at 20 wpm for example).
>
> Then they should use "flashing lights or vibrating pads."
>
> The reduction to 5 WPM equivalent word rate was an attempt
> of the FCC to satisfy both the pro-morse-code-test citizens
> and the (ever-growing) NO-code-test advocates. It satisfied
> neither.

In other words, it didn't satisfy *you*

> >Do you have competitions in your model railroading activity? If you enter
> >that competition, you all have to follow the published rules with no
> >exceptions.
>
> Part 97, Title 47 C.F.R. does NOT manadate that US radio
> amateurs engage in "competition" radio activity.
> Federal law (Communications Act of 1934 plus the Tele-
> communications Act of 1996) requires ALL US radio
> amateurs to follow its regulations. That is NO contest
> nor a "competition" activity. It is merely the LAW.

And it still is! That's a good thing.
>
> As with all US federal agencies, the FCC does accept
> citizen commentary to them regarding radio regulations.
> The FCC responds to Petitions submitted by US citizens
> in regards to those radio regulations. [however, not
> with blinding speeds of decision in regards to amateur
> radio] Nowhere does the FCC discriminate between those
> are already licensed in amateur radio versus those not
> licensed. FCC does not treat the group of already-
> licensed as some kind of fraternal order of the already-
> licensed to be listened to over and above all other
> interested citizens.

The FCC accepts comments from everyone - not just citizens.
"Foreigners" and groups/corporations are welcome to comment as well.

How much consideration the comments get is another matter.

> The morse code test (for under-30-MHz operating privileges)
> affects the non-licensed US citizens.

And those licensed, too. And noncitizens.

> It does NOT affect
> those already legally licensed as radio amateurs...except
> in the limited conditions of certain already-licensed
> Technician classes. That code test does NOT legally
> affect ANY other already-licensed US radio amateur.

It affects them in many ways. If amateur radio should change for the
worse because
of changes in license requirements, those who are already licensed
would be affected.

For example, if someone wanted to change the real estate zoning in your
neighborhood,
that change would not "legally affect" you or your neighbors, unless
you wanted to build on your property. Your houses would not change.

> If
> they say it does then they have some emotional disturbance
> (not a legal problem nor a regulatory problem).

Not true. If amateur radio is made worse by rules changes, all involved
are affected. You, who are not involved, are unaffected.

If someone wanted to change the real estate zoning in your
neighborhood,
that change would not "legally affect" you or your neighbors, unless
you wanted to build on your property. Your houses would not change.
Would you say that those who resisted such a zoning change have an
"emotional disturbance"?

> I know a few model railroaders. As far as I know none
> are into "competitions" concerning their hobby. They do
> it for the fun of model railroading. As a hobby, not
> as a substitute for life...nor advancing the state of
> the art in rail transport.

Model railroading does not involve any sort of licensing, nor use of
the radio spectrum. What one model railroader does with his/her layout
does not directly affect what other model railroaders can do with
theirs.

Amateur radio isn't like that. We use a shared and limited resource -
the radio spectrum.

A more valid analogy would be something like operating motor vehicles
for noncommercial purposes, where the medium (the roads) are shared
with many others.

> I know many more model builders and model aircraft flyers.
> [I have been both] The Academy of Model Aeronautics (AMA)
> is a membership organization (about a quarter million
> members in the USA) with a large rule set to follow in
> flying model aircraft. That rule set is for both
> competition flying and for safety; there is special
> liability insurance for members of the AMA in regards to
> that flying activity. There is no absolute requirement
> to be an AMA member to enjoy model airplane flying nor is
> there some federal test one must take to be one. It is a
> hobby...yet the AMA has successfully petitioned for and
> gotten many radio channels expressly for model remote
> control.

How many channels? How much total spectrum? How much of it is below 30
MHz?

IIRC, the total amount of spectrum set aside for model control is less
than the narrowest amateur band above 30 MHz.

btw, there has been no Morse Code test requirement in the US for use of
all the amateur bands above 30 MHz.

> No code test nor license was required. You may
> read about it in Part 95, Title 47 C.F.R. under Radio
> Control Radio Service.

They got a few channels in a few narrow slices of VHF/UHF. They are
allowed to use only very low power, with almost all their
communications limited to line-of-sight.

Amateur radio is very different.

> "Park flyers" are free to fly models, even to radio-control
> them, all without being licensed by the FCC or as a member
> of the Academy of Model Aeronautics. Add to that the R-C
> cars and boats. There is a very large model hobby industry

> existing in the USA to provide for such hobbyists. From
> the size of that industry the number of modelers would
> easily equal the number of USA radio amateurs...if not
> exceeding it.

Yet all they need is a small assortment of VHF/UHF channels, low power, small antennas and line-of-sight radio.

Is that what you think amateur radio should be?

It should be remembered that one of the primary reasons model aircraft enthusiasts got channels in the ~70 MHz range was the fact that their 27 MHz allocation became unusable due to being effectively taken over by illegal cb operation.
>
> Your comments in regards to "competitiveness" do not apply
> to US citizens seeking to change existing radio regulations
> in the USA, any radio service.

FCC does not limit comments to only US citizens.

And when FCC recently asked for comments on the Morse Code test issue, the majority of those commenting were *against* the complete elimination of the Morse Code test. The ratio was approximately 55% in favor of at least some Morse Code testing.

1456. Re: Would you join the ARRL if you found out they were only interested in selling memberships?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 12:03:18 UTC
From: Al Arduengo <al.arduengo@gmail.com>
Message-ID: <pan.2006.10.26.12.03.14.598327@gmail.com>
Source record: 50430
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Thu, 26 Oct 2006 11:55:59 +0000, Chris wrote:

> On Wed, 25 Oct 2006 23:51:41 GMT, Slow Code <my.mail@no.spam> wrote:
>>
>>
>> Robert Grizzard <grizzarv@mindspring.com.invalid> wrote in
>> news:pan.2006.10.25.01.06.24.609041@pan:
>>
>> > Welcome to my killfile. You and "Slow Code" can keep each other
>> > company.
>>
>>
>> You try to help someone be a better ham and look what happens, they
>> killfile you. I knew dumbing down ham radio would let in a bunch of
>> ungrateful people, but I didn't think it would get this bad.
>
> It's the hook in his mouth. It's painful and probably makes him
> cranky. On the other hand, that Pan news reader of his is very buggy
> and is known for silently removing characters when it sends articles.
>
> Maybe it was Pan talking instead. Grizzard may be a nice guy who has
> simply been sandbagged by a crappy news reader I'll bet that its
> killfiling doesn't work either, and that he has accidentally killfiled
> himself.
>
> In any case, he'll eventually be back. We can help him then.

That coming from someone who uses OE for news reading? You wouldn't know
a quality news reader if it jumped up and bit you.

Good day, sir. I said GOOD DAY!

--
"Don't get too wrapped up in dogma. Who knows? When we get to heaven
there might be a Big Buddha laughing at us while we're all running
around going 'Oh shit!'" - a Catholic bishop

1457. Horizontal Coaxial Dipole?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 12:47:46 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <S720h.23898$7I1.13522@newssvr27.news.prodigy.net>
Source record: 50432

Lots of hams use vertical coaxial-sleeve dipoles
with the coax feedline running up through the sleeve.
Lots of hams prefer end-fed antennas. Does anyone run
his coaxial-sleeve dipole horizontally?
--
73, Cecil http://www.w5dxp.com

1458. Re: 5 wpm hams need to move if a 20 wpm Extra wants the frequency.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 12:48:18 UTC
From: Gerry <NoEmail@Spamblock.isp>
Message-ID: <IMudne5-V94cM93YnZ2dnUVZ_oadnZ2d@giganews.com>
Source record: 50431
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"Douche Bag" <loumaagsucks@hotmail.com> wrote in message
news:1161823249.183022.208620@f16g2000cwb.googlegroups.com...
> Stick code up your lame old ass. No one cares about code, let alone
> hams, shortwave, etc. Get a fucking life. No one here wants to hear
> about your dead code bullshit.
> Mark@kb9rqz.aprs wrote:

Douche, Actually a lot of people do care about CW. There is frequently a lot of CW activity on the various bands. CW has been my primary operating mode for the past few years. I have not been at it for 100 years and I am a hardcore computer geek. CW is just a pleasant change of pace for me. However, I must agree with you that some of the putzes on this group do need to get a life -- there actually is more to life (and ham radio) than CW. If it were not for my growing killfile, the QRM here would be deafening.

1459. Re: Gang Re: fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 12:50:14 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <4540af0a$0$6143$39cecf19@news.twtelecom.net>
Source record: 50433

ml wrote:

> question is what is that value how do i calculate how big a battery i
> need at the know constants?
>
>
>
> Rich the reason i thought of cap's was both the short key down time and
> the article in cq of this new powersupply that uses a few 5farads it
> got me thinking if it could be modified to do dc to dc regulation
> rather than 120v ....maybe i was pushing it, then i thought of
> supercapacitors i dunno

I got the pricing from jadoo's site for the unit plus 6 container combo.
And you will still need something to refill.

On the battery, when we used to VHF contest with a light (600W)
generator and power supplies, we would put a 25AH battery across each 15
amp supply and we could draw 40 or 50 amps on CW/SSB peaks with no
issues. So you would probably be well served by one of the 7AH UPS
batteries from a place such as Batteries Plus. They cost about $25 and
are about 7"Lx2"Wx4"H.

tom
K0TAR

1460. RF gets into computer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 14:06:53 UTC
From: "John, N9JG" <john@Xremove.MeYgotwals.com>
Message-ID: <1i30h.7804$5i7.3310@newsreading01.news.tds.net>
Source record: 50434

When I operate on 75 meter SSB with my transceiver, my computer beeps and disconnects/reconnects my USB connected keyboard. Note that I do not have this problem on 40 meter SSB. My computer is located on the second floor of a brick house, and one end of my dipole is about 15 feet from my shack.

From comments made by others, I may have to put RF filters on the cables and wires connected to my computer. I am contemplating the use of Amidon FT-240-77 ferrite toroids, which have an I.D. of 1.4 inches and cost $9 each. If I buy in quantities of 10, is there a cheaper source for this toroid?

Any comments or suggestions on this problem would be appreciated.

1461. Re: RF gets into computer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 14:15:14 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <Hq30h.637$qD3.559@newsfe11.lga>
Source record: 50435

Try Snap-on-choke, I think Radio shmack stil carries them.
They are two U shaped ferite pieces with plastic clamp. (Or split core cylindrical ferite cores as seen on some keyboard or USB cables.)
You open them up, wing the wire or cord around the "legs" and close it. Put it close to the computer case. It shouyld clear the problem.
You might wanna try which cable is most "antenna" and picking up RF>

73 Yuri, K3BU

"John, N9JG" <john@Xremove.MeYgotwals.com> wrote in message news:1i30h.7804$5i7.3310@newsreading01.news.tds.net...
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> and wires connected to my computer. I am contemplating the use of
> Amidon FT-240-77 ferrite toroids, which have an I.D. of 1.4 inches and
> cost $9 each. If I buy in quantities of 10, is there a cheaper source
> for this toroid?
>
> Any comments or suggestions on this problem would be appreciated.
>

1462. Re: Minimizing Common Mode Currents by Simple Grounding?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 15:25:23 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <ehqk13lgu1@news.service.uci.edu>
Source record: 50436

Cecil Moore wrote:

> Is the reflector on a single-band Yagi a dipole?

No, or yes, depending on semantics.

ac6xg

1463. Re: fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 15:53:31 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <ehqllsmmf1@news.service.uci.edu>
Source record: 50437

Richard Clark wrote:

> Hi Myles,
>
> Fuel Cell??? That is a pretty pricey option.
>
> More than likely it is 100WH (Watt-hour, not Watt) rated.

https://jadoopower.com/fuel_cell.html

1464. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 16:04:36 UTC
From: Mark@kb9rqz.aprs
Message-ID: <srm1k2hnuafd5kenrevc3or49g06v17lfi@4ax.com>
Source record: 50438
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On 26 Oct 2006 03:36:04 -0700, N2EY@AOL.COM wrote:

>LenAnderson@ieee.org wrote:
>> From: "Dee Flint" on Sun, Oct 22 2006 8:47am
>> >"Opus-" <jbuchy@shaw.ca> wrote in message
>
>> >Yes ham radio is supposed to be camaraderie. People are supposed to help
>> >each other.
>>
>> Then why don't they?
>
>They *do*, Len.
not in my experence or the experence of ANY ham I know personaly the
elmering stop at after they renew their first lice
>
>> >The divisiveness stems from the fact that too many no-coders
>> >appear to want to change the requirements with no knowledge, experience, or
>> >understanding of the requirements.
>>
>> Nonsense.
>
>No, it's the truth.

again you put down those that dare say anything those with any spript
>
>> Pro-coders do NOT have some "lock" on What The
>> Requirements Should Be.
>
>Nobody says they do.

flat out Lie

Dee Flint says they do and Dave Heil and Robeson and plenty of others
>
>> They never did, despite all the
>> pro-code propaganda drilled into your respective psyches.
>
>No such "propaganda", Len.

sure there there YOU are one of the vechiles of it delveiery
>
>> It should be quite obvious that every other radio service
>> has either given up on using morse code for communications
>> or never considered it in the first place.
>

>Why is that important to *amateur radio* policy, Len? Amateurs *do* use
>Morse Code - extensively.

why not? if they manage without why can't we
>
>> Manual radio-
>> telegraphy has only a slight advantage in communications
>> with other amateurs using radiotelegraphy who do not speak
>> English.
>
>Actually, Morse Code has a lot of advantages.

so?
>
>> Note: Nowhere in the "requirements" (Title 47 C.F.R. Part
>> 97 for US radio amateurs) is it mandatory for US amateurs
>> to communicate with foreigners.
>
>That's true. But one of the Basis and Purposes of the Amateur Radio
>Service is international good will. Communicating with "foreigners" is
>one way to do that.

ONE way if it were the ONLY way that would be a point
>
>> NB: Non-English speakers
>> using International Morse Code are, essentially, required
>> to learn parts of English to understand the English
>> alphabet (difficult if their native language is syllabic
>> or has a different alphabet).
>
>Of course. So?

code is thefrore not viotal
>>
>> The ITU-R "requirements" (Radio Regulations) no longer
>> "require" administrations to test ALL their amateurs for
>> any license having below-30-MHz privileges.
>
>Yep. That changed almost 3-1/2 years ago. Yet FCC has not acted upon
>it.

they have acted or perhaps most accurately they are wending therir
way though the Bearucratic procedures of acting
>
>> The major
>> (in population) nation administrations have dropped their
>> morse code testing or substitute other tests in lieu of
>> morse code.
>
>How do you know?
>
>Have China, India and the countries making up the former Soviet Union

>changed their Morse Code test policy? How about Japan?
>
>Seems to me that the changes have mostly occurred in Western Europe,
>the British Commonwealth, and a few South American countries.
>
>> Since some of those nations do not have
>> English as a primary language, those will have some future
>> difficulty using that (supposed "universal language" of
>> morse code) for communications with USA radio amateurs.
>>
>> >In addition, most of us have experienced
>> >people who said they could not learn code but upon questioning find that
>> >they did not use a good training method and did not train correctly.
>>
>> More overtly biased opinion...written AS IF morse code
>> were an "absolute requirement" when it is merely an old
>> regulatory hanger-on in USA amateur federal rules.
>
>It's a fact that at least some people use poorly-designed training
>methods.
>
>> The REGULATION (not "the requirement") for US radio
>> amateurs is simply a man-made regulation which can be
>> un-man-made. It is not some God-given commandment of
>> radio.
>
>That's true. In fact, *all* radio license requirements are man-made.
>
>> Indeed, all other US radio services operating
>> below 30 MHz do NOT use morse code radiotelegraphy.
>
>Why is that so important? Do you think radio amateurs should not use it
>either?
>
>> Why should radio amateurs be held elevated to some
>> special significance?
>
>It's not about 'special significance".
>
>Radio amateurs *do* use Morse Code, so it makes sense to test for
>knowledge of it.
>>
>> Except for the older military-trained radiotelegraphers
>> in US amateur radio, all the tales told (by so-called
>> successful pro-coders) have them doing basic learning
>> then trying out on the amateur radio bands for greater
>> skill in radiotelegraphy.
>
>What's wrong with that?
>

>> The basic fallacy of pro-coder thinking is that "all"
>> have some innate ability to learn morse code.
>
>There are obviously those who cannot learn it - just as there are those
>who cannot learn to speak, or read and write, or who cannot pass the
>written tests.
>
>> That has
>> been disproven as far back as World War II when the US
>> military began screening new recruits for the aptitude
>> to learn morse code.
>
>Nope.
>
>The military aptitude testing was done to find those who could learn
>the fastest and reach the highest levels of skill in the least time.
>The requirements for military radio telegraphers were much higher than
>for amateurs, and the military could not afford lots of time to train
>them.
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>needed large numbers of Morse Code skilled radio operators during WW2.
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>> by countless other tales of individuals who tried the
>> so-called "good training methods" and tried to "train
>> correctly" (even under strict supervision).
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>Who are they, Len?
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>> morse code radiotelegraphy skill. That is history.
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>When did they lobby for the requirements?
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>every increase in Morse Code testing has been accompanied by an
>increase in written test requirements. So the emphasis has always been
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>And it still is! That's a good thing.
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>> as a substitute for life...nor advancing the state of
>> the art in rail transport.
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>Model railroading does not involve any sort of licensing, nor use of
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>> gotten many radio channels expressly for model remote
>> control.
>
>How many channels? How much total spectrum? How much of it is below 30
>MHz?
>
>IIRC, the total amount of spectrum set aside for model control is less
>than the narrowest amateur band above 30 MHz.
>
>btw, there has been no Morse Code test requirement in the US for use of
>*all* the amateur bands above 30 MHz.
>
>> No code test nor license was required. You may
>> read about it in Part 95, Title 47 C.F.R. under Radio
>> Control Radio Service.
>
>They got a few channels in a few narrow slices of VHF/UHF. They are
>allowed to use only very low power, with almost all their
>communications limited to line-of-sight.
>
>Amateur radio is very different.
>
>> "Park flyers" are free to fly models, even to radio-control
>> them, all without being licensed by the FCC or as a member
>> of the Academy of Model Aeronautics. Add to that the R-C
>> cars and boats. There is a very large model hobby industry
>> existing in the USA to provide for such hobbyists. From
>> the size of that industry the number of modelers would
>> easily equal the number of USA radio amateurs...if not

>> exceeding it.
>
>Yet all they need is a small assortment of VHF/UHF channels, low power,
>small antennas and line-of-sight radio.
>
>Is that what you think amateur radio should be?
>
>It should be remembered that one of the primary reasons model aircraft
>enthusiasts got channels in the ~70 MHz range was the fact that their
>27 MHz allocation became unusable due to being effectively taken over
>by illegal cb operation.
>>
>> Your comments in regards to "competitiveness" do not apply
>> to US citizens seeking to change existing radio regulations
>> in the USA, any radio service.
>
>FCC does not limit comments to only US citizens.
>
>And when FCC recently asked for comments on the Morse Code test issue,
>the majority of those commenting were *against* the complete
>elimination of the Morse Code test. The ratio was approximately 55% in
>favor of at least some Morse Code testing.
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1465. Re: 5 wpm hams need to move if a 20 wpm Extra wants the frequency.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 16:06:02 UTC
From: Mark@kb9rqz.aprs
Message-ID: <g6n1k21jbs1utn0ohmc2uaiq3s39cb9gue@4ax.com>
Source record: 50439
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Thu, 26 Oct 2006 08:48:18 -0400, "Gerry" <NoEmail@Spamblock.isp>
wrote:

>
>"Douche Bag" <loumaagsucks@hotmail.com> wrote in message
>news:1161823249.183022.208620@f16g2000cwb.googlegroups.com...
>> Stick code up your lame old ass. No one cares about code, let alone
>> hams, shortwave, etc. Get a fucking life. No one here wants to hear
>> about your dead code bullshit.
>> Mark@kb9rqz.aprs wrote:
>
>Douche, Actually a lot of people do care about CW. There is frequently a
>lot of CW activity on the various bands. CW has been my primary operating
>mode for the past few years. I have not been at it for 100 years and I am a
>hardcore computer geek. CW is just a pleasant change of pace for me.
>However, I must agree with you that some of the putzes on this group do need
>to get a life -- there actually is more to life (and ham radio) than CW. If
>it were not for my growing killfile, the QRM here would be deafening.
>
and yet you are reading someone calling himself douche bag
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1466. Re: RF gets into computer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 16:06:23 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1161878783.168786.196050@m7g2000cwm.googlegroups.com>
Source record: 50440

Good advice Yuri...
But, I think the first thing he needs to do is get some aluminum roof flashing from Home Depot and cover the top of the operating bench with it and set the equipment on the flashing... Ground every piece of gear to the flashing with short connections... THen hang a quarter wave of wire off the flashing (68 feet for 80/75) - which becomes an RF counterpoise, and route it down the hall, or out a wind0w, anywhere to get the far end as far away as possible from the computer and the 110/220 electrical wiring in that room...
Another trick is to use a small antenna tuner as the ground radial tuner - I prefer simply cutting the RF counterpoise to a quarter wave, cheaper too...
The next thing is to get the Logic Tech wireless keyboard and mouse...

denny / k8do

1467. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 16:43:18 UTC
From: w0zv@yahoo.com
Message-ID: <1161880998.282056.126270@b28g2000cwb.googlegroups.com>
Source record: 50441

mcalhoun@ksu.edu wrote:

> * Is "bunched" or "flat" better?
> * Are they basically single-band or wide-band or somewhere in-between?
> * Are there "rules of thumb" to make them for hams with
> * No test equipment?
> * A grid-dip meter?
> * A noise bridge?
> * An antenna analyzer?

Possibly this has been posted previously...but just in case:

http://www.bcdxc.org/balun_information.htm#Ed,%20WA2SRQ

Measurements of practical baluns of various types using an HP Vector
Impedance Meter. It should answer most of your questions above.

73, Bill W4ZV

1468. Re: fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 17:01:38 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <i7q1k25sdirfrb4ig078v444b8bc34rlol@4ax.com>
Source record: 50442

On Thu, 26 Oct 2006 08:53:31 -0700, Jim Kelley <jwkelley@uci.edu>
wrote:

>
>
>Richard Clark wrote:
>
>> Hi Myles,
>>
>> Fuel Cell??? That is a pretty pricey option.
>>
>> More than likely it is 100WH (Watt-hour, not Watt) rated.
>
>https://jadoopower.com/fuel_cell.html

Which reports:
Output: 12 VDC Nominal
Wattage: 100 W Continuous

WOW! Infinite Watt Hours. I think we can walk away from the mid-east
right now.

1469. Re: Gang Re: fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 17:14:52 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <vkq1k25md0vc2pq9roelqeocjchnbmgm8g@4ax.com>
Source record: 50443

On Thu, 26 Oct 2006 09:37:27 GMT, ml <m@di.net> wrote:

>question is what is that value how do i calculate how big a battery i
>need at the know constants?

Hi Myles,

It is a matter of three things:
1. Amp-Hour or Watt-Hour capacity;
2. Demand for Amps or Watts;
3. Duty ratio.

Based on your specification for a 5W rig (I assume it is a hand held, a small mobile would be more like 20-35W) and an efficiency during transmit of 50-70%, then your demand would be at least 10W during transmit. Receive would require some baseline power, my guess would be 2W, maybe less. If you listen more than you talk by a factor of 5, then you could count on an average demand of 2W.

Divide this 2W into the Watt-Hour capacity (I will assume 100WH) and your power source should last two days continuous use (do you plan on sleeping?) or 50 hours of on time over any more extended period. That is, if you sleep 12 hours, you can stretch the service time out to 4 days. If you operate only 2 hours a day, you can stretch the service time out over a month an a half.

73's
Richard Clark, KB7QHC

1470. Re: RF gets into computer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 17:17:10 UTC
From: Bob Miller <NOSPAM@neosoft.com>
Message-ID: <6br1k2tsu3qrs3hgmp5irblfaum826lfe7@4ax.com>
Source record: 50444

On 26 Oct 2006 09:06:23 -0700, "Denny" <k8do@mailblocks.com> wrote:

>
>The next thing is to get the Logic Tech wireless keyboard and mouse...
>
>denny / k8do

Is it better than the Microsoft wireless keyboard & mouse?

bob
k5qwg

1471. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 17:37:21 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <ln60h.16150$TV3.6414@newssvr21.news.prodigy.com>
Source record: 50445

w0zv@yahoo.com wrote:
> Possibly this has been posted previously...but just in case:
> http://www.bcdxc.org/balun_information.htm#Ed,%20WA2SRQ

Thanks for the URL. There are a couple of points to make.

When I suggested that 40 turns might be required for 75m,
I was chastised for my statement. Note that the above URL
contains data on a 38 turn choke on a 4.5" coil form for
75m operation. The choking impedance is 1300 ohms on 75m.
Parallel self-resonance on 75m would require more turns
than 38.

Much of the "Ugly Balun" information should be ignored. It
is not possible for an ugly balun to be "effective" from
1.8 MHz to 30 MHz. Note there are no impedance measurements
to back up the ugly balun's claim of being "effective" over
that frequency range.
--
73, Cecil, http://www.qsl.net/w5dxp

1472. Re: RF gets into computer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 17:53:28 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <j8t1k29nti2rm71r1vetpqf64an6ccrj7m@4ax.com>
Source record: 50446

On Thu, 26 Oct 2006 17:17:10 GMT, Bob Miller <NOSPAM@neosoft.com>
wrote:

>Is it better than the Microsoft wireless keyboard & mouse?

Hi Bob,

That question is apocryphal. I remember installing Windows 3 and
having one hell of a time getting the mouse to work. I called the M$
help line and they marched me through the complete install.

They pondered my problems and finally asked:
"What mouse I are you using?"
Me:
"A Microsoft mouse."
The voice of the blue screen:
"Microsoft mice are not compatible with Windows."

There was an object lesson there I will never forget.

73's
Richard Clark, KB7QHC

1473. Re: fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 17:54:44 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <ehqsp4rkd1@news.service.uci.edu>
Source record: 50447

Richard Clark wrote:
> On Thu, 26 Oct 2006 08:53:31 -0700, Jim Kelley <jwkelley@uci.edu>
> wrote:
>>
>>Richard Clark wrote:
>>
>>
>>>>Hi Myles,
>>>
>>>Fuel Cell??? That is a pretty pricey option.
>>>
>>>More than likely it is 100WH (Watt-hour, not Watt) rated.
>>
>>https://jadoopower.com/fuel_cell.html
>
>
> Which reports:
> Output: 12 VDC Nominal
> Wattage: 100 W Continuous

So apparently your correspondent was correct after all.

> WOW! Infinite Watt Hours. I think we can walk away from the mid-east
> right now.

No, actually when you take time to understand the literature (like Myles evidently has), it becomes quite clear that the limit to the rate at which energy can be extracted from the power unit is 100 watts, and that the total amount of energy which can be extracted is determined by the capacity of the fuel cannister; either 130 watt-hours or 360 watt-hours.

So it seems that if you want to be able to rely on this power source for any extended length of time, 5 watts would not be an unreasonable load. I'll wager it would even count for 100 extra points at Field Day - albeit at a cost of $15-$20 a point.

73, Jim AC6XG

1474. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 18:00:19 UTC
From: "LenAnderson@ieee.org" <LenAnderson@ieee.org>
Message-ID: <1161885619.177223.27570@e3g2000cwe.googlegroups.com>
Source record: 50448
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

From: "Dee Flint" on Wed, Oct 25 2006 8:25pm

>"Cecil Moore" <mycall@hotmail.com> wrote in message
>> LenAnderson@ieee.org wrote:
>>> From: "Dee Flint" on Sun, Oct 22 2006 8:47am
>
>>>> Yes ham radio is supposed to be camaraderie. People are supposed to
>>>> help each other.
>>
>>> Then why don't they?
>
>> Because a lot of pro-coders would rather belittle
>> no-coders than help them?
>
>More likely a knee jerk reaction to the very few but very vocal ones who try
>to come in and act like they know all there is to know about radio when the
>"ink isn't even dry on their license".

Dee, the "ink on my license" has been "dry" for 50 years.

The mimeograph "ink" on my Army assignment has been "dry"
for 53 years.

The "ink" on my first aerospace hiring has also been "dry"
for 50 years.

In a half century of being radio-active, I've continually
been learning, working, experimenting, trying, doing. I
DO know a fair amount of things about radio and electronics
but there is always something new coming up all the time.

OH! You mean AMATEUR RADIO "license?" Of course. Amateur
radio is so very DIFFERENT than all other kinds of radio...

Riiiight...those coming into ham radio from any other kind
of radio service(s) are "newbies" and "ignorant"...?

Heil thinks so. Do you think so?

>It's unfortunate that the
>experienced hams don't have the discipline to withstand this nonsense
>without such knee-jerk reactions.

Nice "knees" you have, Dee... :-)

>When a new licensee (the level of license is irrelevant) tells me that you
>can't work DX without an amplifier, I just tell him about the countries I

>worked with my 100 watt radio and relatively low mount G5RV.

Gosh, I "worked countries" with nothing less than 1 KW output
on HF and a delta-match dipole. Short-range, about 300 miles.
Of course, for 24/7 ops on HF crossing the Pacific there was
40 KW PEP into a rhombic... :-)

>But some hams
>turn bitter instead when a newbie insists that he is right and they are
>wrong.

Sugar. Try some sweetener...

LenAnderson@ieee.org

1475. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 18:09:34 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <yR60h.16160$TV3.1224@newssvr21.news.prodigy.com>
Source record: 50449

Ian White GM3SEK wrote:
> The 854 that I reviewed for Radcom was the same. We both got one that
> had the core assembled upside-down, so instead of showing you how to
> snap the plastic catch open, the instruction manual shows you how to
> break it.

I'm trying to figure out how I can make more effective
measurements on coiled coax chokes with the equipment
that I presently have. I can measure the impedance with
my MFJ-259B if it is less than 650 ohms.

I also have a GDO. If I get an open circuit dip, would
that be the parallel resonant frequency? If I get a
short circuit dip, would that be the series resonant
frequency?

I also have a dual-trace 100 MHz Leader o'scope. I
should be able to find the resonant frequencies
by watching the voltage drop across a series resistor.
I also have the X-Y feature so I could look at the
source voltage, voltage across the choke, and voltage
across the resistor as the frequency is changed.

What do you think?
--
73, Cecil, http://www.qsl.net/w5dxp

1476. Re: RF gets into computer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 18:11:54 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1161886314.750354.258270@m73g2000cwd.googlegroups.com>
Source record: 50450

It's the brand they had at the big box store... Works for me...
Keyboard works across the full length of my shack, ~56 feet...

denny

Bob Miller wrote:
> On 26 Oct 2006 09:06:23 -0700, "Denny" <k8do@mailblocks.com> wrote:
>
> >
> >The next thing is to get the Logic Tech wireless keyboard and mouse...
> >
> >denny / k8do
>
> Is it better than the Microsoft wireless keyboard & mouse?
>
> bob
> k5qwg

1477. Re: Horizontal Coaxial Dipole?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 18:22:45 UTC
From: nm5k@wt.net
Message-ID: <1161886965.918415.133620@i42g2000cwa.googlegroups.com>
Source record: 50451

Cecil Moore wrote:
> Lots of hams use vertical coaxial-sleeve dipoles
> with the coax feedline running up through the sleeve.
> Lots of hams prefer end-fed antennas. Does anyone run
> his coaxial-sleeve dipole horizontally?
> --
> 73, Cecil http://www.w5dxp.com

Those antennas have poor decoupling from the feedline,
unless you use decoupling devices of some type. I once
made one of those for 2m. In general, it was horrible when
using it with no decoupling. If I run a vertical half wave, I
actually prefer to base feed it, if I'm going to run it with no
additional decoupling sections. I would never end feed a
horizontal wire antenna unless it was a last resort. If I did,
I probably wouldn't even bother with trying to center feed
it like the coax sleeve antenna.
A vertical coax sleeve antenna needs cones, radials, chokes,
etc at the proper points on the feedline. Usually two sections
if you want good decoupling. The sleeves are probably the
most popular of the commercial versions.
If I ran an end fed half wave, I don't think there would be a
drastic difference between feeding from the end, or feeding
from the center with the coax sleeve version. Both have
their problems. If I run a dipole, I feed it normally from the
center, and the line runs away perpendicular to the wire.
IE: normal config.. The average 1/4 wave ground plane will
usually outdo a coax sleeve 1/2 wave, if the 1/2 has severe
common mode problems. This was the case on 2m for sure,
and it's most critical there. I never ended up using that coax
sleeve halfwave. My 1/4 GP smoked it on 2m.
MK

1478. Re: Timewave ANC-4 question!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 18:26:20 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <LPadnf5cOL1VYN3YnZ2dnUVZ_uqdnZ2d@comcast.com>
Source record: 50452

I simply didn't want to deal with any 'VSWR' issues from a dipole configuration.
So, a simple end fed wire meets my needs.

Sun Tzu wrote:

> How did you manage to find this arrangement? trial & error? by accident?
> I keep trying different things but maybe I am "thinking" too much, maybe its
> simpler than what I am trying to do.
>
> Dave wrote:
>
>
>>Mine seems to work fine with about 25 feet of wire simply run out the
>>window and about 4 inches above the ground along the foundation of the
>>house.
>>
>>[End fed random wire approach]
>>
>>/s/ DD
>>
>>Sun Tzu wrote:
>>
>>
>>>I use an Timewave ANC-4 to reduce noise on the low bands at my location.
>>>On 40 & 160 meters I can reduce the noise almost to S1, but on 75 meters
>>>I can only reduce it to S4-5.
>>>I use a noise sense antenna which is a dipole 4ft on each side about 4
>>>inches off the ground and parallel to the power and telephone lines.
>>>Anyone have one of these units and having any ideas I might try to reduce
>>>75 meters to a lower S-meter reading?
>>>
>>>All my low band antennas are verticals.
>>>
>>>Stan
>>>AH6JR
>
>

1479. Re: 5 wpm hams need to move if a 20 wpm Extra wants the frequency.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 18:28:17 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <LPadnflcOL2jY93YnZ2dnUVZ_uqdnZ2d@comcast.com>
Source record: 50453
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Anyone who uses such poor language as that used below is exactly what that signature implies ... lacking in civility.

Douche Bag wrote:

> Stick code up your lame old ass. No one cares about code, let alone
> hams, shortwave, etc. Get a fucking life. No one here wants to hear
> about your dead code bullshit.
> Mark@kb9rqz.aprs wrote:
>

1480. Re: Timewave ANC-4 question!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 19:22:21 UTC
From: Jan Simons PA0SIM <PA0SIMandnospam@amsat.org>
Message-ID: <1161890543.781064@SLIPstream>
Source record: 50454

Reading the schematics it is possible that the ANC-4 does not
fully cover the 360 degrees phase shift, just like the MFJ-1025.
But it is also possible that you experience more than one noise
source on 75 mtrs. A noise canceller (with two inputs/antennas)
can cancel only one noise source.

I have written about noise cancelling on my site, e.g.:
http://www.pa0sim.nl/Phaser%2080%20-%2010%20meters.htm
May be it can help.

73 es gl de Jan PA0SIM

"Dave Oldridge" <doldridg@leavethisoutshaw.ca> schreef in bericht
news:Xns986776DDD2381doldridgsprintca@64.59.135.159...
> Sun Tzu <Sun_Tzu@war_what_does_it_mean.org> wrote in
> news:_rCdndMY26mGEqLYnZ2dnUVZ_oOdnZ2d@hawaiiantel.net:
>
>> I use an Timewave ANC-4 to reduce noise on the low bands at my
>> location. On 40 & 160 meters I can reduce the noise almost to S1, but
>> on 75 meters I can only reduce it to S4-5.
>> I use a noise sense antenna which is a dipole 4ft on each side about 4
>> inches off the ground and parallel to the power and telephone lines.
>> Anyone have one of these units and having any ideas I might try to
>> reduce 75 meters to a lower S-meter reading?
>>
>> All my low band antennas are verticals.
>
> You might try using a vertical whip for the ANC-4. I use the built-in one
> on my MFJ-1026. Even so, you may just be experiencing general ionospheric
> noise at that level if your antenna is fairly good.
>
> Is your QTH urban or rural? Here in urban downtown Chilliwack, BC, I get
> a
> lot of noise sources and, of course, the 1026 can really only take out the
> loudest single source.
>
>
> --
> Dave Oldridge+
> ICQ 1800667

1481. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 19:59:41 UTC
From: w0zv@yahoo.com
Message-ID: <1161892781.588729.140910@k70g2000cwa.googlegroups.com>
Source record: 50455

Cecil Moore wrote:a couple of points to make.
>
> When I suggested that 40 turns might be required for 75m,
> I was chastised for my statement. Note that the above URL
> contains data on a 38 turn choke on a 4.5" coil form for
> 75m operation. The choking impedance is 1300 ohms on 75m.
> Parallel self-resonance on 75m would require more turns
> than 38.

8 turns loose wound in a 6.625" diameter bundle looks like an effective single band balun for 80m (approx 500 ohms). W6TC's voltage balun (Feb 1980 Ham Radio) uses 6 turns loose wound on ~5" diameter (8' total length) but adds a compensating winding in the opposite direction. It has nice characteristics for 40-160m but can only be used with balanced antennas (e.g. dipoles, inverted-Vs, etc). I've used a W6TC balun for many years on a trapped 80/160 inverte-V.

73, Bill W4ZV

1482. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 20:13:41 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <VF80h.313$wX.117@newssvr12.news.prodigy.com>
Source record: 50456

w0zv@yahoo.com wrote:
> 8 turns loose wound in a 6.625" diameter bundle looks like an effective
> single band balun for 80m (approx 500 ohms).

A ladder-line fed dipole might present an impedance of
8000 ohms to the choke. A 500 ohm choke would have
very little effect. However, a self-resonant choke
might have 40K ohms of choking impedance and it
would need to have a lot more turns than 8.
--
73, Cecil, http://www.qsl.net/w5dxp

1483. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 20:22:51 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <vO80h.314$wX.239@newssvr12.news.prodigy.com>
Source record: 50457

Cecil Moore wrote:
> w0zv@yahoo.com wrote:
>> 8 turns loose wound in a 6.625" diameter bundle looks like an effective
>> single band balun for 80m (approx 500 ohms).

This would only be true for a resonant coax-fed 1/2WL
dipole. What about all the other possible configurations?

> A ladder-line fed dipole might present an impedance of
> 8000 ohms to the choke. A 500 ohm choke would have
> very little effect. However, a self-resonant choke
> might have 40K ohms of choking impedance and it
> would need to have a lot more turns than 8.
--
73, Cecil, http://www.qsl.net/w5dxp

1484. Re: RF gets into computer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 21:19:19 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <rD90h.6612$337.205@southeast.rr.com>
Source record: 50458

I have the same problem but only with my usb key board when I am on 10
meters...
Joe
> > >
> > >The next thing is to get the Logic Tech wireless keyboard and mouse...
> > >
> > >denny / k8do
> >
> > Is it better than the Microsoft wireless keyboard & mouse?
> >
> > bob
> > k5qwg
>

1485. Re: Gang Re: fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 21:20:48 UTC
From: Jim - NN7K <NN7K@NOWAY.NET>
Message-ID: <QE90h.22140$e66.18599@newssvr13.news.prodigy.com>
Source record: 50459

Always wanted a 1 FARAD (or bigger) capacitor!
Where can you buy one?? (Short of buying a
"Charged "one, I.E. Storage Battery)? Oh
well only 6 Months to April First!
Jim NN7K

> Richard Clark <kb7qhc@comcast.net> wrote:

>> Not unless you can assemble a couple hundred Farads (note the complete
>> absence of pico, nano, or micro in that Farads). The short version is
>> DON'T GO THERE.
>>
>> 73's
>> Richard Clark, KB7QHC

1486. Re: Gang Re: fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 21:31:59 UTC
From: none@nowhere.com
Message-ID: <Xns98689B471hatchdavidticom@157.170.133.60>
Source record: 50464

Jim - NN7K <NN7K@NOWAY.NET> wrote in <QE90h.22140$e66.18599
@newssvr13.news.prodigy.com>:

>Always wanted a 1 FARAD (or bigger) capacitor!
>Where can you buy one??

Try your local car stereo place. About the size of a tennis ball can.
Best Buy has some on their website. Search for capacitor.

--
David
KR7DH

1487. Re: RF gets into computer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 21:36:44 UTC
From: Jim - NN7K <NN7K@NOWAY.NET>
Message-ID: <MT90h.22144$e66.1730@newssvr13.news.prodigy.com>
Source record: 50461

THAT might have explaination for! MY Mouse
(wireless), has 2 channels available, and
BOTH are C.B. channels! (think ch. 13, and 14
) Might try holding down a key, while tuneing
11 meters? Also, could have harmonic of 75,
on 7th harmonic hitting it ?? Aprox. 3868 kc
for the guy with a problem with his wireless
keyboard? Jim NN7K

Merlin-7 KI4ILB wrote:
> I have the same problem but only with my usb key board when I am on 10
> meters...
> Joe
>>>> The next thing is to get the Logic Tech wireless keyboard and mouse...
>>>>
>>>> denny / k8do
>>> Is it better than the Microsoft wireless keyboard & mouse?
>>>
>>> bob
>>> k5qwg
>
>

1488. Re: RF gets into computer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 21:43:32 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <e0a2k252j12fek3t4kdhadfroegn4dkmqf@4ax.com>
Source record: 50460

On Thu, 26 Oct 2006 14:06:53 GMT, "John, N9JG"
<john@Xremove.MeYgotwals.com> wrote:

>When I operate on 75 meter SSB with my transceiver, my computer beeps and
>disconnects/reconnects my USB connected keyboard. Note that I do not have
>this problem on 40 meter SSB. My computer is located on the second floor of
>a brick house, and one end of my dipole is about 15 feet from my shack.
>
>From comments made by others, I may have to put RF filters on the cables
>and wires connected to my computer. I am contemplating the use of
>Amidon FT-240-77 ferrite toroids, which have an I.D. of 1.4 inches and
>cost $9 each. If I buy in quantities of 10, is there a cheaper source
>for this toroid?
>
>Any comments or suggestions on this problem would be appreciated.
>

John,

You describe a problem that could be caused / exacerbated by one or
both of:
- lack of electromagnetic compatibility (EMC) of your computer; and
- a hostile RF environment.

Before you lay blame at the computer, it is worth whether the RF field
strengths, and conducted and induced currents and voltages in your
shack are unnecessarily high.

You have give very little description of your antenna, feedline, and
station earth... too scant to analyse and offer much advice.

The hint is there that this problem is evident on 80m, while 40m seems
OK. Why is that?

Is the identified PC problem really a manifestation of a "hot" shack?
Have you conducted any experiments to identify excessive common mode
feedline currents in the shack (the same procedures you might follow
if you got an RF burn from something in the shack)?

Owen

--

1489. Re: Gang Re: fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 21:56:19 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <ehrau4$9ac$1@news.service.uci.edu>
Source record: 50462

Jim - NN7K wrote:
> Always wanted a 1 FARAD (or bigger) capacitor!
> Where can you buy one?? (Short of buying a
> "Charged "one, I.E. Storage Battery)? Oh
> well only 6 Months to April First!
> Jim NN7K
>

http://www.radioshack.com/search/index.jsp?kwCatId=&kw=1%20farad%20capacitor&origkw=1%20farad%20capacitor

73, Jim AC6XG

1490. Re: Gang Re: fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 22:02:55 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <qfb2k2hkrg9mamgekk1dgkl3eqafabhjn5@4ax.com>
Source record: 50463

On Thu, 26 Oct 2006 21:20:48 GMT, Jim - NN7K <NN7K@NOWAY.NET> wrote:

>Always wanted a 1 FARAD (or bigger) capacitor!
>Where can you buy one?? (Short of buying a
>"Charged "one, I.E. Storage Battery)? Oh
>well only 6 Months to April First!

Hi Jim,

1 FARAD (or bigger) capacitors have been around for YEARS. Go to any
Hi-Fi shop and spend as much as you want. Be warned that cost is
proportional to breakdown voltage rating.

Or try:
http://www.hobbyengineering.com/SectionPS.html#CatPSSUPER

73's
Richard Clark, KB7QHC

1491. Re: 10 meter mobile antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 22:07:14 UTC
From: Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk>
Message-ID: <HEOh2IWSGTQFFwe7@g3ohx.demon.co.uk>
Source record: 50465

In message <tSc%g.15546$GR.14814@newssvr29.news.prodigy.net>, Cecil Moore <mycall@hotmail.com> writes

>Merlin-7 KI4ILB wrote:
>> Now all I need to figure out is how to keep the 10 meter and 11 meter
>> antennas from interacting too bad or place them in such a way that the
>> interaction does something that is usefull...
>
>Here's an idea. Use the 11 meter antenna for 10 meter
>operation by switching in a series capacitor. All you
>need to do is to neutralize the small amount of inductive
>reactance on 10m caused by the antenna being a tad too
>long. The capacitor could be switched in and out by a relay.
>I get a value of ~330 pf to perform that function. The
>SWR on 10m will actually be better than it is on 11m.
>
>Or you could use the capacitor with the second 102 inch
>vertical without having to cut it.

I did exactly this (20 years ago). I used a variable compression trimmer capacitor to check that I could actually get a low SWR, measured it, and fitted the nearest value disc ceramic (rated at 500VDC). I think it was 330pF. No problems with 40W.

Ian.

--

1492. Re: Gang Re: fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 22:15:02 UTC
From: jimp@specsol.spam.sux.com
Message-ID: <15o714-0v8.ln1@mail.specsol.com>
Source record: 50466

Jim - NN7K <NN7K@noway.net> wrote:
> Always wanted a 1 FARAD (or bigger) capacitor!
> Where can you buy one?? (Short of buying a
> "Charged "one, I.E. Storage Battery)? Oh
> well only 6 Months to April First!
> Jim NN7K

> > Richard Clark <kb7qhc@comcast.net> wrote:

> >> Not unless you can assemble a couple hundred Farads (note the complete
> >> absence of pico, nano, or micro in that Farads). The short version is
> >> DON'T GO THERE.
> >>
> >> 73's
> >> Richard Clark, KB7QHC

Why settle for a measly 1 F when you can have 50 F?

Go to www.digikey.com and search for 283-2511-ND.

--
Jim Pennino

Remove .spam.sux to reply.

1493. Re: Gang Re: fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 22:26:44 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <k7d2k2lg79s6ld64rutv9c8egtgrvlul0b@4ax.com>
Source record: 50467

On Thu, 26 Oct 2006 15:02:55 -0700, Richard Clark <kb7qhc@comcast.net>
wrote:

>Or try:
>http://www.hobbyengineering.com/SectionPS.html#CatPSSUPER

Or for up to 50F for less than 50 Cents a Farad:

http://www.newark.com/NewarkWebCommerce/newark/en_US/endecaSearch/searchPage2.jsp;jsessionid=WYNVLNYCA4BEGCXDUZ1CFGAK2OTCIIV1?N=1001767+&No=0&N=0&comSearch=true

Interesting to note this one of the few, practical (meaning making
money in a commercial market) Nanotech applications of an aerogel.

73's
Richard Clark, KB7QHC

1494. Re: 10 meter mobile antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 22:53:48 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <00b0h.14087$_u4.8893@tornado.southeast.rr.com>
Source record: 50468

OK where can I buy a 330pf cap? Its only a 25 watt rig but I would like a bit of overkill.
Pisses me off that Radio Shack is a cell phone store now. I used to be able to walk into Radio Shack and the person there would understand what you needed. Now if it does not have to do with cell phones or car audio they just give you this dumb look..

Thanks
Joe

> >vertical without having to cut it.
>
> I did exactly this (20 years ago). I used a variable compression trimmer
> capacitor to check that I could actually get a low SWR, measured it, and
> fitted the nearest value disc ceramic (rated at 500VDC). I think it was
> 330pF. No problems with 40W.
> Ian.
> --
>

1495. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 23:26:53 UTC
From: Mark@kb9rqz.aprs
Message-ID: <c0h2k2d1ljonltnb9k98cds6v9ki9prlcm@4ax.com>
Source record: 50470
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Thu, 26 Oct 2006 19:25:41 -0500, "Not Lloyd" <anon@anon> wrote:

>
>"Dee Flint" <deeflint01@comcast.net> wrote in message
>news:aJGdnRBtQNAand3YnZ2dnUVZ_oSdnZ2d@comcast.com...
>
>"Cecil Moore" <mycall@hotmail.com> wrote in message

>Such as Mark does?
I never said anything such Although It is in fact imposible to work
some of the DX I want to work with a 100 watt and G5RV
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1496. Re: 10 meter mobile antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 23:28:21 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <pwb0h.16235$TV3.4026@newssvr21.news.prodigy.com>
Source record: 50471

Merlin-7 KI4ILB wrote:
> OK where can I buy a 330pf cap?

Make it a silver mica or doorknob. I get mine at an
electronics supply store in Bryan, TX, close to
Texas A&M. Where are you located?
--
73, Cecil, http://www.qsl.net/w5dxp

1497. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 23:32:39 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <rAb0h.16238$TV3.3036@newssvr21.news.prodigy.com>
Source record: 50472
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Not Lloyd wrote:
> When a new licensee (the level of license is irrelevant) tells me that you
> can't work DX without an amplifier, I just tell him about the countries I
> worked with my 100 watt radio and relatively low mount G5RV.

Uhhhhh Dee, your 100 watt radio has an amplifier in it
as do all modern transceivers. I have, in the past, worked
DX using just an oscillator but I personally don't know of
anyone who doesn't use an amplifier nowadays.
--
73, Cecil, http://www.qsl.net/w5dxp

1498. calculations/ fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 23:37:43 UTC
From: ml <m@di.net>
Message-ID: <m-AA3950.19373926102006@news.verizon.net>
Source record: 50473

In article <4540af0a$0$6143$39cecf19@news.twtelecom.net>,
Tom Ring <news0003@taring.org> wrote:

> ml wrote:
>
>
> > question is what is that value how do i calculate how big a battery i
> > need at the know constants?
> >
> >
> >
> > Rich the reason i thought of cap's was both the short key down time and
> > the article in cq of this new powersupply that uses a few 5farads it
> > got me thinking if it could be modified to do dc to dc regulation
> > rather than 120v ....maybe i was pushing it, then i thought of
> > supercapacitors i dunno
>
> I got the pricing from jadoo's site for the unit plus 6 container combo.
> And you will still need something to refill.
>
> On the battery, when we used to VHF contest with a light (600W)
> generator and power supplies, we would put a 25AH battery across each 15
> amp supply and we could draw 40 or 50 amps on CW/SSB peaks with no
> issues. So you would probably be well served by one of the 7AH UPS
> batteries from a place such as Batteries Plus. They cost about $25 and
> are about 7"Lx2"Wx4"H.
>
> tom
> K0TAR

gosh, i sure do appreciate everybody's help, sincerely, but alas, i
still have no concise way to calculate what size battery or cap i need

but i can add a few things, even thou it's sorta a different topic
many here seem concerned about the size of the canisters and refilling
them, this is not a concern as the unit will be feed directly off a
large Hydrogen tank, not the little canisters i do not need to
calculate how long the unit(jado) will run at load vs fuel supply this
is already a known constant and published thats the easy part

the unit does 12v unregulated at about 7amps if you hit 7amps for long
voltage goes down to 10v so i will add some regulator if needed

when i said my radio(2m mobile) will be ""putting out 5w on low pwr""
i ment 5w rf output not current draw sorry

so rich since your calculation was for ah what would it be for for the correct above spec's?? amps or 100w (no ah)?

i would have to have a battery big enough to be -drained little enough so that the jado would be able to recharge it during the rx time(least load) from what tx drained the battery obv if the battery is too big then the jado wouldn't be able to recharge it or float it

right now i have 2 G27(parallel) and i float them at less than 1amp

naturally when i say recharge i don't mean from anything other than a slight drain as in normal tx /rx

so the question become how do i calculate that? and would a ultra cap fit in ?

i thought it would be kinda simple, gut wise i can guess but what i was hoping for here was a more precise calculation of what would do the trick

again thanks all for taking the time to respond , i always learn something

ml

1499. Re: Timewave ANC-4 question!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 23:42:28 UTC
From: ml <m@di.net>
Message-ID: <m-F75E73.19422926102006@news.verizon.net>
Source record: 50474

In article <VYOdnfj5asPRsN3YnZ2dnUVZ_qOdnZ2d@hawaiiantel.net>,
Sun Tzu <Sun_Tzu@war_what_does_it_mean.org> wrote:

> Dave Oldridge wrote:
>
> > Sun Tzu <Sun_Tzu@war_what_does_it_mean.org> wrote in
> > news:_rCdndMY26mGEqLYnZ2dnUVZ_oOdnZ2d@hawaiiantel.net:
> >
> >> I use an Timewave ANC-4 to reduce noise on the low bands at my
> >> location. On 40 & 160 meters I can reduce the noise almost to S1, but
> >> on 75 meters I can only reduce it to S4-5.
> >> I use a noise sense antenna which is a dipole 4ft on each side about 4
> >> inches off the ground and parallel to the power and telephone lines.
> >> Anyone have one of these units and having any ideas I might try to
> >> reduce 75 meters to a lower S-meter reading?
> >>
> >> All my low band antennas are verticals.
> >
> > You might try using a vertical whip for the ANC-4. I use the built-in one
> > on my MFJ-1026. Even so, you may just be experiencing general ionospheric
> > noise at that level if your antenna is fairly good.
> >
> > Is your QTH urban or rural? Here in urban downtown Chilliwack, BC, I get
> > a lot of noise sources and, of course, the 1026 can really only take out
> > the loudest single source.
> >
> >
>
>
> I guess its residential on 1/3 of an acre lots. Not real tight.
> But the utilities are above ground and that probably doesnt help.

not sure if anyone realizes this but i've noticed that the adj controls
can sometimes be very very sensitive sometimes i've found that a hair
kills the noise and if you blinked at that moment you missed it

dunno maybe it's just me

1500. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-26 23:49:02 UTC
From: ml <m@di.net>
Message-ID: <m-6D3F0D.19490326102006@news.verizon.net>
Source record: 50475

..... bunched coils of coaxial cable,
> >> but I must have missed some posting(s), for I haven't recognized
> >> anything that looks like a CONCLUSION.
> >>
> >> * Is "bunched" or "flat" better?
> >>
> >
> > You have recognized a GREAT TRUTH about this group. There NEVER is a
> > conclusion!
> > But, there is NEVER a concluding post to a thread.
> >
> You need to do some reading.
Try "Conclusions for Dummies", along with
> Feynman's "Special Relativity
and the Dipole" and possibly also
"String Theory and
Its Applications to Near Field Anomalies".

<<funny those things are simple, and pretty much all i understand, the
other stuff?? thats what really confuses me

1501. Re: 5 wpm hams need to move if a 20 wpm Extra wants the frequency.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 00:08:25 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <Z5c0h.19647$UG4.18790@newsread2.news.pas.earthlink.net>
Source record: 50376
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Mark in the Dark' wrote in
news:7jvvj21ntnbd2llfp5cgk1md01gb9mdojn@4ax.com:

> if you are a good ham I'll be a bad one

No, Markie in the Darkie, I'm a ham and you aren't.

SC

1502. Re: Cushcraft Antenna Query

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 00:08:28 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <06c0h.19650$UG4.7986@newsread2.news.pas.earthlink.net>
Source record: 50377
Cross-posted to: rec.radio.amateur.antenna,rec.radio.swap,rec.radio.amateur.policy

"Radiosrfun" <radiosrfun@radiosrfun.com> wrote in
news:45402f33$0$13803$ecde5a14@news.coretel.net:

> Anyone know what Cushcraft uses in their 2 meter and similar antennas to
> secure the lower end into their base? It "appears" to be a white
> substance. Lots of hot melt glue?
>
> The substance gave way on an antenna I have here and I'd like to repair
> it.
>
> Thanks!

Sorry, I don't buy off the self, I homebrew, but maybe check the Cushcraft
website. http://www.cushcraft.com/amateur/thumbs.asp

73
SC

1503. Re: Horizontal Coaxial Dipole?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 00:08:31 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <36c0h.19652$UG4.4196@newsread2.news.pas.earthlink.net>
Source record: 50378

Cecil Moore <mycall@hotmail.com> wrote in
news:S720h.23898$7I1.13522@newssvr27.news.prodigy.net:

> Lots of hams use vertical coaxial-sleeve dipoles
> with the coax feedline running up through the sleeve.
> Lots of hams prefer end-fed antennas. Does anyone run
> his coaxial-sleeve dipole horizontally?

I use one on CW. Works good.

SC

1504. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 00:08:35 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <76c0h.19656$UG4.15739@newsread2.news.pas.earthlink.net>
Source record: 50379
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

Opus- <jbuchy@shaw.ca> wrote in
news:n1g0k2h8kugbpj65vjk8fc96uk5hsl70k8@4ax.com:

> Don't you have some offs to fuck?
>

Why do no-coders always break down in the middle of an argument and start
spewing profanities? I just don't understand it. It must be do to their
limited mental abilities.

Opus being a Cannuk probably doesn't help either.

SC

1505. Re: RF gets into computer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 00:08:47 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <j6c0h.19665$UG4.8065@newsread2.news.pas.earthlink.net>
Source record: 50380
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

"John, N9JG" <john@Xremove.MeYgotwals.com> wrote in
news:1i30h.7804$5i7.3310@newsreading01.news.tds.net:

> When I operate on 75 meter SSB with my transceiver, my computer beeps
> and disconnects/reconnects my USB connected keyboard. Note that I do not
> have this problem on 40 meter SSB. My computer is located on the second
> floor of a brick house, and one end of my dipole is about 15 feet from
> my shack.
>
> From comments made by others, I may have to put RF filters on the cables
> and wires connected to my computer. I am contemplating the use of
> Amidon FT-240-77 ferrite toroids, which have an I.D. of 1.4 inches and
> cost $9 each. If I buy in quantities of 10, is there a cheaper source
> for this toroid?
>
> Any comments or suggestions on this problem would be appreciated.

Do CW, you won't know if it's your computer or radio beeping. Problem
solved.

SC

1506. Re: SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 00:08:49 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <l6c0h.19666$UG4.13971@newsread2.news.pas.earthlink.net>
Source record: 50381
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in
news:97T%g.11724$2h.8438@tornado.southeast.rr.com:

> Guess what?
> SC is not a ham... never has been never will be....
>
>>
>> Ham radio is better. With CB you can only go out about fifteen miles,
>> but with ham you can get road conditions three states away. Of course,
>> with all the no-codes and nickle amateurs on ham radio these days the
>> road reports aren't as good as they used to be.
>>
>> SC

Hurry, you're missing the huricane in Mexico. The truckers want to tell
you where the wet carpets are.

SC

1507. VE's should be allowed to use a cattle prod to make people take a code test.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 00:09:07 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <D6c0h.19671$UG4.17151@newsread2.news.pas.earthlink.net>
Source record: 50382
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

And if they fail the code test they get zapped again.

Bringing back 'spark' will be good for ham radio.

SC

1508. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 00:12:46 UTC
From: Mark@kb9rqz.aprs
Message-ID: <bnj2k2t9urou901194s7kbgv3k6jlh0303@4ax.com>
Source record: 50383
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

On Fri, 27 Oct 2006 00:08:35 GMT, Slow Code <my.mail@no.spam> wrote:

>Opus- <jbuchy@shaw.ca> wrote in
>news:n1g0k2h8kugbpj65vjk8fc96uk5hsl70k8@4ax.com:
>
>> Don't you have some offs to fuck?
>>
>
>
>Why do no-coders always break down in the middle of an argument and start
>spewing profanities?
becuase we don't start wth em like you do
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1509. Re: 5 wpm hams need to move if a 20 wpm Extra wants the frequency.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 00:13:41 UTC
From: Mark@kb9rqz.aprs
Message-ID: <voj2k2pikggadf4mrfkn5bjcptlbcsgmfl@4ax.com>
Source record: 50384
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Fri, 27 Oct 2006 00:08:25 GMT, Slow Code <my.mail@no.spam> wrote:

>Mark in the Dark' wrote in
>news:7jvvj21ntnbd2llfp5cgk1md01gb9mdojn@4ax.com:
>
>> if you are a good ham I'll be a bad one
>
>
>No, Markie in the Darkie, I'm a ham and you aren't.
nope I am good ham you are a poor one per the amateurs Code
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1510. Re: SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 00:14:06 UTC
From: Mark@kb9rqz.aprs
Message-ID: <2qj2k2t5ditdcpmh8j8irmohmbrfmvt5jb@4ax.com>
Source record: 50385
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Fri, 27 Oct 2006 00:08:49 GMT, Slow Code <my.mail@no.spam> wrote:

>"Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in
>news:97T%g.11724$2h.8438@tornado.southeast.rr.com:
>
>> Guess what?
>> SC is not a ham... never has been never will be....
>>
>>>
>>> Ham radio is better. With CB you can only go out about fifteen miles,
>>> but with ham you can get road conditions three states away. Of course,
>>> with all the no-codes and nickle amateurs on ham radio these days the
>>> road reports aren't as good as they used to be.
>>>
>>> SC
>
>
>Hurry, you're missing the huricane in Mexico.
I am sure he is glad to missing it
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1511. Re: Gang Re: fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 00:18:56 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <45415070$0$6154$39cecf19@news.twtelecom.net>
Source record: 50387

Jim - NN7K wrote:

> Always wanted a 1 FARAD (or bigger) capacitor!
> Where can you buy one?? (Short of buying a
> "Charged "one, I.E. Storage Battery)? Oh
> well only 6 Months to April First!
> Jim NN7K
>

Check with your local high power car audio shop. They carry them.

I have one, but it's only half a farad at 30 volts.

tom
K0TAR

1512. Slow code out troling

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 00:18:56 UTC
From: Mark@kb9rqz.aprs
Message-ID: <33k2k25185n9gg7kolr16382p6hpg3ulft@4ax.com>
Source record: 50388
Cross-posted to: rec.radio.amateur.antenna,rec.radio.swap,rec.radio.amateur.policy

On Fri, 27 Oct 2006 00:08:28 GMT, Slow Code <my.mail@no.spam> wrote:

>

Slow code out troling
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1513. Slow code out troling

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 00:21:26 UTC
From: Mark@kb9rqz.aprs
Message-ID: <t7k2k2dthh9n96vhh5fn6ojuvmkigq8rnf@4ax.com>
Source record: 50389
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

On Fri, 27 Oct 2006 00:08:47 GMT, Slow Code <my.mail@no.spam> wrote:

>"
Slow code out troling
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1514. Slow code out troling

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 00:22:31 UTC
From: Mark@kb9rqz.aprs
Message-ID: <d8k2k2drl9jld455tkncsioe9vdc9k15ie@4ax.com>
Source record: 50390
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Fri, 27 Oct 2006 00:09:07 GMT, Slow Code <my.mail@no.spam> wrote:

>And if they fail the code test they get zapped again.
>
>Bringing back 'spark' will be good for ham radio.
you are truly sick but go ahead finish both code tTESTING and likely
Code USDE with your stupidity be my it will help ham radio in the long
to be rid of the mindset of the ProCoders
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1515. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 00:25:41 UTC
From: Not Lloyd <anon@anon>
Message-ID: <do5jv.3fs.17.1@news.alt.net>
Source record: 50469
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Dee Flint" <deeflint01@comcast.net> wrote in message
news:aJGdnRBtQNAand3YnZ2dnUVZ_oSdnZ2d@comcast.com...

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:qLN%g.1102$s6.400@newssvr11.news.prodigy.com...
> LenAnderson@ieee.org wrote:
>> From: "Dee Flint" on Sun, Oct 22 2006 8:47am
>>> Yes ham radio is supposed to be camaraderie. People are supposed to
>>> help
>>> each other.
>>
>> Then why don't they?
>
> Because a lot of pro-coders would rather belittle
> no-coders than help them?

More likely a knee jerk reaction to the very few but very vocal ones who try to come in and act like they know all there is to know about radio when the "ink isn't even dry on their license". It's unfortunate that the experienced hams don't have the discipline to withstand this nonsense without such knee-jerk reactions.

When a new licensee (the level of license is irrelevant) tells me that you can't work DX without an amplifier, I just tell him about the countries I worked with my 100 watt radio and relatively low mount G5RV. But some hams turn bitter instead when a newbie insists that he is right and they are wrong.

Dee, N8UZE

>

Such as Mark does?

1516. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 00:26:08 UTC
From: Mark@kb9rqz.aprs
Message-ID: <ffk2k2h3sk3ip6s0l53l1qjvl00ku5o3ph@4ax.com>
Source record: 50391
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Thu, 26 Oct 2006 20:15:40 -0500, "Not Lloyd" <anon@anon> wrote:

>
><Mark@kb9rqz.aprs> wrote in message
>news:c0h2k2d1ljonltnb9k98cds6v9ki9prlcm@4ax.com...
>On Thu, 26 Oct 2006 19:25:41 -0500, "Not Lloyd" <anon@anon> wrote:
>
>>
>>"Dee Flint" <deeflint01@comcast.net> wrote in message
>>news:aJGdnRBtQNAand3YnZ2dnUVZ_oSdnZ2d@comcast.com...
>>
>>"Cecil Moore" <mycall@hotmail.com> wrote in message
>
>>Such as Mark does?
>I never said anything such Although It is in fact imposible to work
>some of the DX I want to work with a 100 watt and G5RV
>>
>That is correct. That is because you are a tech and cannot work HF at all!
nope
>
>Like Dee, I've worked stations worldwide with "just" 100 watts and a G5RV
>and you could too, if you'd but learn a paltry 5wpm code speed.

but those aren't the contact I want and the ones I want require no
code speed at all and My station is working to them slowly
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1517. Re: I don't remember horse and buggy, outhouses, or churning butter

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 00:31:27 UTC
From: amdx <amdx@knology.net>
Message-ID: <ef18$45415363$45011502$24961@KNOLOGY.NET>
Source record: 50392
Cross-posted to: rec.radio.amateur.misc,alt.usenet.kooks,rec.radio.amateur.policy,rec.radio.amateur.antenna

>>> Slow Code wrote:
>>
>>>> New hams just don't appreciate things anymore.
>>
>> I don't remember,
>> cutting wood for winter, foraging the woods for berries,
>> turning the crank on a model T, building a spear to kill a deer,
>> washing my clothes in the river, making candles to light the night.
>> And I do appreciate that I don't have to do these things anymore.
>> Mike
>>
>>
> I have helped cut wood for winter heating. I have also foraged for
> berries, actually Granny knew where to look and took me along to help pick
> berries. I have never hand cranked a model T, but have watched others do
> it (was tied up with winter wood cutting, the "T" drove a belt with a rear
> axle wheel to drive a large circular saw) I never did any of the other
> things listed, but if Granny were still here, I'd bet she has and could
> describe the process. Except the spear hunting, that was before Grannys
> time and on the other side of the family.
>
> Harold
> KD5SAK
Hi Harold,
My point is, times change, peoples change, and if you want to cut wood,
pick berries, crank a model T, or spear hunt,
Have at it, but your not out telling everybody they need to.
Mike

1518. Re: calculations/ fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 00:55:06 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <ehrldnhcj1@news.service.uci.edu>
Source record: 50393

ml wrote:

> gosh, i sure do appreciate everybody's help, sincerely, but alas, i
> still have no concise way to calculate what size battery or cap i need

Please pardon the dumb question, but if you have a 100 watt fuel cell
why do you need a battery?

73, Jim AC6XG

1519. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 01:02:09 UTC
From: Libertad <kill@leftwinger.org>
Message-ID: <12k2n1m7cq5cefa@corp.supernews.com>
Source record: 50396
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

"Slow Code" <my.mail@no.spam> wrote in message
news:76c0h.19656$UG4.15739@newsread2.news.pas.earthlink.net...
> Opus- <jbuchy@shaw.ca> wrote in
> news:n1g0k2h8kugbpj65vjk8fc96uk5hsl70k8@4ax.com:
>
> > Don't you have some offs to fuck?
> >
>
> Why do no-coders always break down in the middle of an argument and start
> spewing profanities? I just don't understand it. It must be do to their
> limited mental abilities.
>
> Opus being a Cannuk probably doesn't help either.
>

Just like pro-Mexican immigration Neo-Kommies, their last argument of refuge
is the race card.

Translation - they don't have an argument.

1520. Re: calculations/ fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 01:05:32 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <45415b61$0$1016$39cecf19@news.twtelecom.net>
Source record: 50394

ml wrote:

>>issues. So you would probably be well served by one of the 7AH UPS
>>batteries from a place such as Batteries Plus. They cost about $25 and
>>are about 7"Lx2"Wx4"H.
>>
>>tom
>>K0TAR
>
>
> gosh, i sure do appreciate everybody's help, sincerely, but alas, i
> still have no concise way to calculate what size battery or cap i need
>

I thought my statement was clear, but I will repeat it -

"So you would probably be well served by one of the 7AH UPS batteries
from a place such as Batteries Plus. They cost about $25 and are about
7"Lx2"Wx4"H." Float that across your fuel cell and you will be fine.

Of course, if the fuel cell doesn't put out at least 13.5 vclts with
your rig on receive, a "12 volt" float battery won't have enough charge
in it to speak of. Then it would be back to capacitors and the
interesting problem that they would bring along. Such as a 0 volt
charge current that could possibly be damaging to your fuel cell.

This whole thing seems a very expensive way to have not very good
portable power. You have never stated why you must have a fuel cell.
Would you care to enlighten us?

tom
K0TAR

1521. Re: Gang Re: fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 01:06:37 UTC
From: K7ITM <k7itm@msn.com>
Message-ID: <1161911197.398018.204800@f16g2000cwb.googlegroups.com>
Source record: 50395

jimp@specsol.spam.sux.com wrote:
> Jim - NN7K <NN7K@noway.net> wrote:
> > Always wanted a 1 FARAD (or bigger) capacitor!
> > Where can you buy one?? (Short of buying a
> > "Charged "one, I.E. Storage Battery)? Oh
> > well only 6 Months to April First!
> > Jim NN7K
>
>
> > > Richard Clark <kb7qhc@comcast.net> wrote:
>
>
>
> > >> Not unless you can assemble a couple hundred Farads (note the complete
> > >> absence of pico, nano, or micro in that Farads). The short version is
> > >> DON'T GO THERE.
> > >>
> > >> 73's
> > >> Richard Clark, KB7QHC
>
> Why settle for a measly 1 F when you can have 50 F?
>
> Go to www.digikey.com and search for 283-2511-ND.
>
> --
> Jim Pennino
>
> Remove .spam.sux to reply.

And if the 5W output rig draws an amp on transmit, that 50F cap will
run it for 50 seconds with a one-volt drop. Compare that with an
inexpensive little 7Ah 12V gel-cell battery that will run it for
probably five hours. Caps may make sense to smooth over short pulses
of current, but seem like a poor solution for storing long-term energy.

The OP's question is so basic that I wonder if he's pulling our
collective legs.
--How many amps does the rig draw in transmit? In receive?
--How long do you want the aux power source to run it?
----how many hours of transmit; how many hours of receive?
--That tells you the minimum Ah rating for the aux battery.
--Use I = C * dV/dt and how much voltage drop you can stand
to figure the size capacitor you'd need to do the same thing
for an aux capacitor (and then discard the idea in favor of a
much cheaper battery).

Cheers,
Tom

1522. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 01:12:26 UTC
From: Mark@kb9rqz.aprs
Message-ID: <t4n2k2pk8o4295i02p63ab1s1l9cq0fes1@4ax.com>
Source record: 50397
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

On Thu, 26 Oct 2006 20:02:09 -0500, "Libertad" <kill@leftwinger.org>
wrote:

>
>"Slow Code" <my.mail@no.spam> wrote in message
>news:76c0h.19656$UG4.15739@newsread2.news.pas.earthlink.net...
>> Opus- <jbuchy@shaw.ca> wrote in
>> news:n1g0k2h8kugbpj65vjk8fc96uk5hsl70k8@4ax.com:
>>
>> > Don't you have some offs to fuck?
>> >
>>
>> Why do no-coders always break down in the middle of an argument and start
>> spewing profanities? I just don't understand it. It must be do to their
>> limited mental abilities.
>>
>> Opus being a Cannuk probably doesn't help either.
>>
>
>Just like pro-Mexican immigration Neo-Kommies, their last argument of refuge
>is the race card.
>
>Translation - they don't have an argument.
he throws out a lot of last cards like that one NoCode somehow equates
to homosexual afraid to show his own name

he should fold his his hand but he can't being a bitter old man we
will be hearing from his kind till the acuarial tables eleimate the
problem
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1523. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 01:12:54 UTC
From: dxAce <dxAce@milestones.com>
Message-ID: <45415D16.4221E916@milestones.com>
Source record: 50398
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

Libertad wrote:

> "Slow Code" <my.mail@no.spam> wrote in message
> news:76c0h.19656$UG4.15739@newsread2.news.pas.earthlink.net...
> > Opus- <jbuchy@shaw.ca> wrote in
> > news:n1g0k2h8kugbpj65vjk8fc96uk5hsl70k8@4ax.com:
> >
> > > Don't you have some offs to fuck?
> > >
> >
> > Why do no-coders always break down in the middle of an argument and start
> > spewing profanities? I just don't understand it. It must be do to their
> > limited mental abilities.
> >
> > Opus being a Cannuk probably doesn't help either.
> >
>
> Just like pro-Mexican immigration Neo-Kommies, their last argument of refuge
> is the race card.

Canuck is a race, 'tard boy?

dx

1524. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 01:15:40 UTC
From: Not Lloyd <anon@anon>
Message-ID: <do8hn.ead.17.1@news.alt.net>
Source record: 50386
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

<Mark@kb9rqz.aprs> wrote in message
news:c0h2k2d1ljonltnb9k98cds6v9ki9prlcm@4ax.com...
On Thu, 26 Oct 2006 19:25:41 -0500, "Not Lloyd" <anon@anon> wrote:

>
>"Dee Flint" <deeflint01@comcast.net> wrote in message
>news:aJGdnRBtQNAand3YnZ2dnUVZ_oSdnZ2d@comcast.com...
>
>"Cecil Moore" <mycall@hotmail.com> wrote in message

>Such as Mark does?
I never said anything such Although It is in fact imposible to work
some of the DX I want to work with a 100 watt and G5RV
>
That is correct. That is because you are a tech and cannot work HF at all!

Like Dee, I've worked stations worldwide with "just" 100 watts and a G5RV
and you could too, if you'd but learn a paltry 5wpm code speed.

1525. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 01:16:15 UTC
From: Mark@kb9rqz.aprs
Message-ID: <ben2k2hvs8gln7b3bf2empgm8abbvemb0m@4ax.com>
Source record: 50399
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

On Thu, 26 Oct 2006 21:12:54 -0400, dxAce <dxAce@milestones.com>
wrote:

>
>
>Libertad wrote:
>
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:76c0h.19656$UG4.15739@newsread2.news.pas.earthlink.net...
>> > Opus- <jbuchy@shaw.ca> wrote in
>> > news:n1g0k2h8kugbpj65vjk8fc96uk5hsl70k8@4ax.com:
>> >
>> > > Don't you have some offs to fuck?
>> > >
>> >
>> > Why do no-coders always break down in the middle of an argument and start
>> > spewing profanities? I just don't understand it. It must be do to their
>> > limited mental abilities.
>> >
>> > Opus being a Cannuk probably doesn't help either.
>> >
>>
>> Just like pro-Mexican immigration Neo-Kommies, their last argument of refuge
>> is the race card.
>
>Canuck is a race, 'tard boy?
more or less as much as mexicans are
>
>dx
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1526. ans calculations/ fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 01:59:24 UTC
From: ml <m@di.net>
Message-ID: <m-8DFE93.21592326102006@news.verizon.net>
Source record: 50400

>
> I thought my statement was clear, but I will repeat it -
>
> "So you would probably be well served by one of the 7AH UPS batteries
> from a place such as Batteries Plus. They cost about $25 and are about
> 7"Lx2"Wx4"H." Float that across your fuel cell and you will be fine.
>
> Of course, if the fuel cell doesn't put out at least 13.5 vclts with
> your rig on receive, a "12 volt" float battery won't have enough charge
> in it to speak of. Then it would be back to capacitors and the
> interesting problem that they would bring along. Such as a 0 volt
> charge current that could possibly be damaging to your fuel cell.
>
OK, that was clear, i sorta thought it seemed a bit small, and figured
you calculated at 100ah nnot 100w my bad

> This whole thing seems a very expensive way to have not very good
> portable power. You have never stated why you must have a fuel cell.
> Would you care to enlighten us?
>
> tom
> K0TAR

well if one had to buy the jado it might be expensive, i can get one
much cheeper than list and somone here posted an incorrect list price
anyways , - then again if you add up the total cost of the
competition you'd at worst case be in the ball park

the goal was at first to power a hf/rig 100w tx for a few days on a
backup power source looking at batteries/fuelcells i realized this is to
much load so i figured my 2m righ on low pwr is a compramise @1week

at 100w tx, i started to put together on paper what i need, a pretty
big charger lots of very big heavy batteries , and they are VERY
expensive, if the batteries went 'low' and the power wasn't restored
say an extended blackout then the battery life goes down the tubes

now i live in an apt, so too many batteries even if free arent practical

code prevents me from using a generator in the building, so would the
coop board, and the noise, smell vibration and mostly a generator
running would attract 'undesiables' it would be kinda cheep and
storing say desil wouldn't be a big deal if say i had a pvt house
again thou getting extra fuel in a extended blackout would be an issue

i had a demo of this fuel cell i was really impressed, is the cost and power output totally there no i guess not a few years from now prob but the cost of the fuel cell unit alone is comparable to the battery cost and i don't have to worry about the space, and other issues associated w/batteries

i can get a small tank of hydrogen that would power the unit for longer than i was planning for it's cheep and i can get it very easy even if theyre was an extended blackout (details omitted) it's quite meets code, very small, very light dosn't pollute or stink

seemed rather sexy the jado can also be powered from small cartridges making the unit selfcontained and very portable, however this isn't a requirement of mine but cool benni

the only con for me, seems to be a)not totally going to give me 100w at full load b) i wish the unit was more than a puny 100w the larger units i would have to pay full list for and are therefore outta reach

so solar /wind again might be nice in a pvt home but nothing i'd rely on

it usually starts simple, i wanted somthing better than battery power

much appreciation
and mostly also because i like to tinker and learn seems like somthing cool to play with and experiment

1527. Re: ans calculations/ fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 03:04:06 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <45417729$0$1007$39cecf19@news.twtelecom.net>
Source record: 50401

ml wrote:
>
> well if one had to buy the jado it might be expensive, i can get one
> much cheeper than list and somone here posted an incorrect list price
> anyways , - then again if you add up the total cost of the
> competition you'd at worst case be in the ball park
>
> the goal was at first to power a hf/rig 100w tx for a few days on a
> backup power source looking at batteries/fuelcells i realized this is to
> much load so i figured my 2m righ on low pwr is a compramise @1week
>
> at 100w tx, i started to put together on paper what i need, a pretty
> big charger lots of very big heavy batteries , and they are VERY
> expensive, if the batteries went 'low' and the power wasn't restored
> say an extended blackout then the battery life goes down the tubes
>
> now i live in an apt, so too many batteries even if free arent practical
>
> code prevents me from using a generator in the building, so would the
> coop board, and the noise, smell vibration and mostly a generator
> running would attract 'undesiables' it would be kinda cheep and
> storing say desil wouldn't be a big deal if say i had a pvt house
> again thou getting extra fuel in a extended blackout would be an issue
>
> i had a demo of this fuel cell i was really impressed, is the cost and
> power output totally there no i guess not a few years from now prob
> but the cost of the fuel cell unit alone is comparable to the battery
> cost and i don't have to worry about the space, and other issues
> associated w/batteries
>
> i can get a small tank of hydrogen that would power the unit for longer
> than i was planning for it's cheep and i can get it very easy even if
> theyre was an extended blackout (details omitted) it's quite meets
> code, very small, very light dosn't pollute or stink
>
> seemed rather sexy the jado can also be powered from small cartridges
> making the unit selfcontained and very portable, however this isn't a
> requirement of mine but cool benni
>
> the only con for me, seems to be a)not totally going to give me 100w
> at full load b) i wish the unit was more than a puny 100w the larger
> units i would have to pay full list for and are therefore outta reach
>
>

> so solar /wind again might be nice in a pvt home but nothing i'd
> rely on
>
> it usually starts simple, i wanted somthing better than battery power
>
> much appreciation
> and mostly also because i like to tinker and learn seems like somthing
> cool to play with and experiment

Ok, I have applied a simple power budget to what you stated your original desire was, as opposed to your cut down 2m 5W system.

Using a rig I own, an FT-897, on HF.

Assume 90% receive at 1 amp.
Assume 10% transmit at 15 amps with 100 watts output, (measured as opposed to the 22 amps claimed in the docs)

This gives 2.4 amps average consumption. (Check my math, the doctor did a lot during my pre-op today)

1 week is 168 hours which gives us 403 ampere hours.

100AH deep cycle batteries are around 100 each (or less), So that's about $400 for all the batteries you need for a week without sleep.

A modern top of the line charger, such as produced by Schumacher, is less than $100, does automatic desulfation, will charge at 50 amps or greater, and weighs about 6 pounds.

So now we are at under 500 dollars for an emergency power for any ham that needs to run an HF rig for a whole week.

I just don't see why you want to use the fuel cell, it makes no sense.

tom
K0TAR

1528. Re: VE's should be allowed to use a cattle prod to make people take a code test.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 04:05:51 UTC
From: "Mike, who else?" <Mike@nowhere.net>
Message-ID: <zAf0h.73122$E67.71703@clgrps13>
Source record: 50402
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

FU Troll. I tired of your shit
PLONK

Mike

1529. Re: ans calculations/ fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 04:06:46 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12k31eoloih3v5f@corp.supernews.com>
Source record: 50403

Tom Ring wrote:
> . . .
> 1 week is 168 hours which gives us 403 ampere hours.
> . . .

which at 13.6 volts is about 5480 watt-hours. This is the energy storage requirement.

The OP asked about using a capacitor. The energy stored in a capacitor is C * V^2 / 2. For capacitance in farads and voltage in volts, the result is joules, or watt-seconds -- you need 5480 * 3600 ~ 20,000,000 joules in round numbers. So suppose you wanted to store this same amount of energy in a capacitor, and you had a switching regulator which would handle 50 volts maximum input voltage. Solving for C, assuming it's charged to 50 volts,

C = 20,000,000 * 2 / (50^2) = 16,000 farads.

This assumes you can get all the energy out of the capacitor, which requires your regulator to work down to zero volts. But you'll get 3/4 of the energy out of it if your regulator cuts off at 25 volts, 7/8 if it cuts off at 12.5 volts, etc.

How does that sound?

Roy Lewallen, W7EL

1530. Re: VE's should be allowed to use a cattle prod to make people take a code test.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 04:07:40 UTC
From: Mark@kb9rqz.aprs
Message-ID: <se13k2hv8idioab26a14vq9eejsq5meh8v@4ax.com>
Source record: 50404
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Fri, 27 Oct 2006 04:05:51 GMT, "Mike, who else?" <Mike@nowhere.net>
wrote:

>FU Troll. I tired of your shit
>*PLONK*
>
>Mike

pity he will never get the message
Code testing is DEAD just waiting for the FCC to pull the plug
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1531. Re: Sexual fascism and the Mark Foley scandal

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 04:21:41 UTC
From: bobandcarole <bobandcarole02@hotmail.com>
Message-ID: <1161922901.409300.243320@e3g2000cwe.googlegroups.com>
Source record: 50405
Cross-posted to: alt.politics.homosexuality,alt.education,rec.arts.tv.soaps.cbs,rec.radio.amateur.antenna,rec.arts.tv.soaps.abc

jawod wrote:
> Leanna wrote:
> > "bobandcarole" <bobandcarole1010@hotmail.com> wrote in message
> > news:1160910623.728354.167900@i42g2000cwa.googlegroups.com...
> >
> >>>Apparently, Rep. Mark Foley is homosexual. And like many homosexual
> >>>men, he likes young teen boys. We should pray for him that he gets a
> >>>handle on this problem and refrains from harming any more kids.
> >>>
> >>>Meanwhile, we need to wake up. The fact that this is typical behavior
> >>>for homosexuals doesn't stop us from continuing to elevate such folks
> >>>to positions where they gain access to our kids.
> >>>
> >>>http://worldnetdaily.com/news/article.asp?ARTICLE_ID=52244
> >>
> >
> > So, once again, I give in to temptation. I feed a troll. I admit, this is a
> > particularly hideous troll, what with all that black hatred oozing out of every
> > orifice, but I cannot resist.
> >
> > My dear troll, gay people are, on the whole, honest, above-board, decent people,
> > who'd never even, in their wildest nightmares, molest kids. Yes, there are
> > exceptions, but they are in PRECISELY the same proportions as the similar
> > exceptions in the straight community.
> >
> > There are the same percentage of pedophiles in both groups!!!!!
> >
> > The assumption that gays are pedophiles reveals both your rank bigotry and your
> > pathetic ignorance.
> >
> > You are beneath contempt. Go flush your head.
> >
> > Leanna
> >
> >
> Leanna,
> I don't want to feed the troll either. I agree with you completely
> EXCEPT...I remember reading that heterosexual pedophiles outnumber gays

The NAMBLA weekly doesn't count.

> significantly. I'm not gay, I just don't like bigoted trolls.
>
> john

1532. Re: 10 meter mobile antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 04:26:30 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1161923190.466906.231390@m7g2000cwm.googlegroups.com>
Source record: 50406

"Now if it does not have to do with cell phones or car audio they
just give you this dumb look.. "

Heh.. went into my local Radio Shack and asked if they had any antenna
masts in stock. Guy goes and looks on the shelves. I say "I'd like a
TV mast, it's in the back if you have it, it's ten feet long" Guy
looks on the shelves some more, points to the mast brackets.

I'm like, "It's a ten feet long piece of steel pipe it wouldn't be out
here, it isn't out here, it wouldn't fit out here, it's in the BACK."
I look it up on the internet on the computer in the store and show them
that yes, they do have them in stock.

Of course, he doesn't think they've got any. Twenty minutes after I
walk in, I'm finally leaving with a five foot and a ten foot mast
section which they, of course, had. Guy is just incredulous that I'm
going to walk out of the store with a ten foot piece of pipe. They
then ask me if I need a cell phone ;-)

Dan

1533. Large Wire Antenna for 17m

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 05:23:15 UTC
From: Alan Taylor <adt1944@hotmail.com>
Message-ID: <454197c4$1_1@news.iprimus.com.au>
Source record: 50407

I have some space and some high trees. I already use a 400ft doublet with atu for several bands and a 30m half square and get good results. I want to improve my performance on 17m. I am now thinking about a wire antenna with reasonable performance for 17m only. I have thought about a full wave loop, even a bobtail. A broadside array would be great but I am not keen on antennas with reflectors or directors because of the complexity of support ropes. So, really some kind of antenna supported by ropes from two trees would be ideal. Any ideas please?

Alan VK6BN

1534. Re: Timewave ANC-4 question!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 05:43:46 UTC
From: Sun Tzu <Sun_Tzu@war_what_does_it_mean.org>
Message-ID: <w5-dnVL2zLnRAdzYnZ2dnUVZ_vGdnZ2d@hawaiiantel.net>
Source record: 50408

Jan Simons PA0SIM wrote:

> Reading the schematics it is possible that the ANC-4 does not
> fully cover the 360 degrees phase shift, just like the MFJ-1025.
> But it is also possible that you experience more than one noise
> source on 75 mtrs. A noise canceller (with two inputs/antennas)
> can cancel only one noise source.
>
> I have written about noise cancelling on my site, e.g.:
> http://www.pa0sim.nl/Phaser%2080%20-%2010%20meters.htm
> May be it can help.
>
> 73 es gl de Jan PA0SIM

Nice website, have you considered modifying the existing units (MFJ & ANC)
to do what you have shown? Your idea would make either of these 2 units much
better.

By the way, I took the sense antenna which is a short dipole and I made one
leg vertical and the other horizontal. Now I have almost no noise on 75
meters. I haqve been playing around with this for awhile and it was either
all vertical or all horizontal. Now with this configuration the weak
signals can be heard.

Stan
AH6JR

>
>
> "Dave Oldridge" <doldridg@leavethisoutshaw.ca> schreef in bericht
> news:Xns986776DDD2381doldridgsprintca@64.59.135.159...
>> Sun Tzu <Sun_Tzu@war_what_does_it_mean.org> wrote in
>> news:_rCdndMY26mGEqLYnZ2dnUVZ_oOdnZ2d@hawaiiantel.net:
>>
>>> I use an Timewave ANC-4 to reduce noise on the low bands at my
>>> location. On 40 & 160 meters I can reduce the noise almost to S1, but
>>> on 75 meters I can only reduce it to S4-5.
>>> I use a noise sense antenna which is a dipole 4ft on each side about 4
>>> inches off the ground and parallel to the power and telephone lines.
>>> Anyone have one of these units and having any ideas I might try to
>>> reduce 75 meters to a lower S-meter reading?
>>>
>>> All my low band antennas are verticals.
>>
>> You might try using a vertical whip for the ANC-4. I use the built-in
>> one

>> on my MFJ-1026. Even so, you may just be experiencing general
>> ionospheric noise at that level if your antenna is fairly good.
>>
>> Is your QTH urban or rural? Here in urban downtown Chilliwack, BC, I get
>> a
>> lot of noise sources and, of course, the 1026 can really only take out
>> the loudest single source.
>>
>>
>> --
>> Dave Oldridge+
>> ICQ 1800667

1535. Re: Timewave ANC-4 question!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 05:47:16 UTC
From: Sun Tzu <Sun_Tzu@war_what_does_it_mean.org>
Message-ID: <w5-dnU32zLmDANzYnZ2dnUVZ_vGdnZ2d@hawaiiantel.net>
Source record: 50409

ml wrote:

> In article <VYOdnfj5asPRsN3YnZ2dnUVZ_qOdnZ2d@hawaiiantel.net>,
> Sun Tzu <Sun_Tzu@war_what_does_it_mean.org> wrote:
>
>> Dave Oldridge wrote:
>>
>> > Sun Tzu <Sun_Tzu@war_what_does_it_mean.org> wrote in
>> > news:_rCdndMY26mGEqLYnZ2dnUVZ_oOdnZ2d@hawaiiantel.net:
>> >
>> >> I use an Timewave ANC-4 to reduce noise on the low bands at my
>> >> location. On 40 & 160 meters I can reduce the noise almost to S1, but
>> >> on 75 meters I can only reduce it to S4-5.
>> >> I use a noise sense antenna which is a dipole 4ft on each side about 4
>> >> inches off the ground and parallel to the power and telephone lines.
>> >> Anyone have one of these units and having any ideas I might try to
>> >> reduce 75 meters to a lower S-meter reading?
>> >>
>> >> All my low band antennas are verticals.
>> >
>> > You might try using a vertical whip for the ANC-4. I use the built-in
>> > one
>> > on my MFJ-1026. Even so, you may just be experiencing general
>> > ionospheric noise at that level if your antenna is fairly good.
>> >
>> > Is your QTH urban or rural? Here in urban downtown Chilliwack, BC, I
>> > get a lot of noise sources and, of course, the 1026 can really only
>> > take out the loudest single source.
>> >
>> >
>>
>>
>> I guess its residential on 1/3 of an acre lots. Not real tight.
>> But the utilities are above ground and that probably doesnt help.
>
> not sure if anyone realizes this but i've noticed that the adj controls
> can sometimes be very very sensitive sometimes i've found that a hair
> kills the noise and if you blinked at that moment you missed it
>
> dunno maybe it's just me

maybe you have a bad or dirty control? OR as Jan wrote previously the
variable resistor is not linear and the abrupt change you see it due to the
variable resistor.

1536. Re: Timewave ANC-4 question!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 05:49:49 UTC
From: Sun Tzu <Sun_Tzu@war_what_does_it_mean.org>
Message-ID: <w5-dnUz2zLkoANzYnZ2dnUVZ_vGdnZ2d@hawaiiantel.net>
Source record: 50410

Dave wrote:

> I simply didn't want to deal with any 'VSWR' issues from a dipole
> configuration. So, a simple end fed wire meets my needs.

the way I understand it, the sense antenna is supposed to pick up the noise
better than the signal you wish to receive. So VSWR most likely would'nt
matter.

>
> Sun Tzu wrote:
>
>> How did you manage to find this arrangement? trial & error? by accident?
>> I keep trying different things but maybe I am "thinking" too much, maybe
>> its simpler than what I am trying to do.
>>
>> Dave wrote:
>>
>>
>>>Mine seems to work fine with about 25 feet of wire simply run out the
>>>window and about 4 inches above the ground along the foundation of the
>>>house.
>>>
>>>[End fed random wire approach]
>>>
>>>/s/ DD
>>>
>>>Sun Tzu wrote:
>>>
>>>
>>>>I use an Timewave ANC-4 to reduce noise on the low bands at my location.
>>>>On 40 & 160 meters I can reduce the noise almost to S1, but on 75 meters
>>>>I can only reduce it to S4-5.
>>>>I use a noise sense antenna which is a dipole 4ft on each side about 4
>>>>inches off the ground and parallel to the power and telephone lines.
>>>>Anyone have one of these units and having any ideas I might try to
>>>>reduce 75 meters to a lower S-meter reading?
>>>>
>>>>All my low band antennas are verticals.
>>>>
>>>>Stan
>>>>AH6JR
>>
>>

1537. Re: Large Wire Antenna for 17m

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 06:41:36 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12k3ah352q3k733@corp.supernews.com>
Source record: 50411

The problem you'll run smack into with any fixed antenna is that to get gain in one direction you've got to take away gain in others. So the first thing you have to decide is which directions do you want to improve your signal in, and which are you willing to sacrifice. Then consider where your trees are. Only then can you begin to consider what kind of antenna might deliver what you want.

Roy Lewallen, W7EL

Alan Taylor wrote:
> I have some space and some high trees. I already use a 400ft doublet with
> atu for several bands and a 30m half square and get good results. I want to
> improve my performance on 17m. I am now thinking about a wire antenna with
> reasonable performance for 17m only. I have thought about a full wave loop,
> even a bobtail. A broadside array would be great but I am not keen on
> antennas with reflectors or directors because of the complexity of support
> ropes. So, really some kind of antenna supported by ropes from two trees
> would be ideal. Any ideas please?
>
> Alan VK6BN
>
>

1538. Re: Large Wire Antenna for 17m

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 07:37:20 UTC
From: Alan Taylor <adt1944@hotmail.com>
Message-ID: <4541b733$1_1@news.iprimus.com.au>
Source record: 50412

Thanks Roy,

I should have mentioned the trees are in position for a broadside array to fire in the (two) directions I need.

I would use the trees that currently support the 30m half square firing NE/SW.

73 Alan

"Roy Lewallen" <w7el@eznec.com> wrote in message news:12k3ah352q3k733@corp.supernews.com...
> The problem you'll run smack into with any fixed antenna is that to get
> gain in one direction you've got to take away gain in others. So the first
> thing you have to decide is which directions do you want to improve your
> signal in, and which are you willing to sacrifice. Then consider where
> your trees are. Only then can you begin to consider what kind of antenna
> might deliver what you want.
>
> Roy Lewallen, W7EL
>
> Alan Taylor wrote:
>> I have some space and some high trees. I already use a 400ft doublet with
>> atu for several bands and a 30m half square and get good results. I want
>> to improve my performance on 17m. I am now thinking about a wire
>> antenna with reasonable performance for 17m only. I have thought about a
>> full wave loop, even a bobtail. A broadside array would be great but I
>> am not keen on antennas with reflectors or directors because of the
>> complexity of support ropes. So, really some kind of antenna supported by
>> ropes from two trees would be ideal. Any ideas please?
>>
>> Alan VK6BN

1539. Re: Timewave ANC-4 question!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 07:40:05 UTC
From: Jan Simons PA0SIM <PA0SIMandnospam@amsat.org>
Message-ID: <1161934805.855248@SLIPstream>
Source record: 50413

"Sun Tzu" <Sun_Tzu@war_what_does_it_mean.org> schreef in bericht
news:w5-dnVL2zLnRAdzYnZ2dnUVZ_vGdnZ2d@hawaiiantel.net...
> Jan Simons PA0SIM wrote:
>
>> Reading the schematics it is possible that the ANC-4 does not
>> fully cover the 360 degrees phase shift, just like the MFJ-1025.
>> But it is also possible that you experience more than one noise
>> source on 75 mtrs. A noise canceller (with two inputs/antennas)
>> can cancel only one noise source.
>>
>> I have written about noise cancelling on my site, e.g.:
>> http://www.pa0sim.nl/Phaser%2080%20-%2010%20meters.htm
>> May be it can help.
>>
>> 73 es gl de Jan PA0SIM
>
>
> Nice website, have you considered modifying the existing units (MFJ &
> ANC)
> to do what you have shown? Your idea would make either of these 2 units
> much
> better.
>
> By the way, I took the sense antenna which is a short dipole and I made
> one
> leg vertical and the other horizontal. Now I have almost no noise on 75
> meters. I haqve been playing around with this for awhile and it was either
> all vertical or all horizontal. Now with this configuration the weak
> signals can be heard.
>
>
> Stan
> AH6JR
>

Hi Stan,
I have considered it, but sometimes it is easier and better to start fresh.
First question is always: what phaser/noise canceller do you really want?
What do you expect from it?
Looking at the design of the MFJ-1025, it would take to much mods to
realize my needs.

When one of the antennas doesn't hear the noise source, you don't need
a phaser. But of course that antenna still has to hear your wanted signals.
Using a small loop antenna it is sometimes possible to null the noise

source.
I think playing with a short dipole, as you did, is the same as nulling with small loops.

73 de Jan PA0SIM

1540. Re: Large Wire Antenna for 17m

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 07:43:56 UTC
From: Alan Taylor <adt1944@hotmail.com>
Message-ID: <4541b8bf$1_1@news.iprimus.com.au>
Source record: 50414

Roy, ruling out quad loops and multi element antennas what do we have available? I like the idea of working both LP and SP to the US but if you have an idea for a wire antenna supported by only two ropes I would consider that. What would the pattern be like for a bobtail with extra vertical elements spaced the usual half wave? With the trees I have in mind I could possibly fit in six vertical elements.

Thanks es 73 Alan

"Roy Lewallen" <w7el@eznec.com> wrote in message
news:12k3ah352q3k733@corp.supernews.com...
> The problem you'll run smack into with any fixed antenna is that to get
> gain in one direction you've got to take away gain in others. So the first
> thing you have to decide is which directions do you want to improve your
> signal in, and which are you willing to sacrifice. Then consider where
> your trees are. Only then can you begin to consider what kind of antenna
> might deliver what you want.
>
> Roy Lewallen, W7EL
>
> Alan Taylor wrote:
>> I have some space and some high trees. I already use a 400ft doublet with
>> atu for several bands and a 30m half square and get good results. I want
>> to improve my performance on 17m. I am now thinking about a wire
>> antenna with reasonable performance for 17m only. I have thought about a
>> full wave loop, even a bobtail. A broadside array would be great but I
>> am not keen on antennas with reflectors or directors because of the
>> complexity of support ropes. So, really some kind of antenna supported by
>> ropes from two trees would be ideal. Any ideas please?
>>
>> Alan VK6BN

1541. cap/ ans calculations/ fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 09:33:46 UTC
From: ml <m@di.net>
Message-ID: <m-7A26CC.05333927102006@news.verizon.net>
Source record: 50415

In article <12k31eoloih3v5f@corp.supernews.com>,
Roy Lewallen <w7el@eznec.com> wrote:

> Tom Ring wrote:
> > . . .
> > 1 week is 168 hours which gives us 403 ampere hours.
> > . . .
>
> which at 13.6 volts is about 5480 watt-hours. This is the energy storage
> requirement.
>
> The OP asked about using a capacitor. The energy stored in a capacitor
> is C * V^2 / 2. For capacitance in farads and voltage in volts, the
> result is joules, or watt-seconds -- you need 5480 * 3600 ~ 20,000,000
> joules in round numbers. So suppose you wanted to store this same amount
> of energy in a capacitor, and you had a switching regulator which would
> handle 50 volts maximum input voltage. Solving for C, assuming it's
> charged to 50 volts,
>
> C = 20,000,000 * 2 / (50^2) = 16,000 farads.
>
> This assumes you can get all the energy out of the capacitor, which
> requires your regulator to work down to zero volts. But you'll get 3/4
> of the energy out of it if your regulator cuts off at 25 volts, 7/8 if
> it cuts off at 12.5 volts, etc.
>
> How does that sound?
>
> Roy Lewallen, W7EL

well i guess it sounds like i wont have any 16,000 farad cap's stacked
up in my myplace anytime soon, but i understand the math behind it
now thanks

perhaps i'll just get a small cap to handle a brief second keydown dip
smooth things out a bit

thanks

1542. Re: Large Wire Antenna for 17m

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 09:58:22 UTC
From: KC1DI <elbc2@fairpoint.net>
Message-ID: <rfGdnZmTS42gRdzYnZ2dnUVZ_radnZ2d@neonova.net>
Source record: 50416

Alan Taylor wrote:
> I have some space and some high trees. I already use a 400ft doublet with
> atu for several bands and a 30m half square and get good results. I want to
> improve my performance on 17m. I am now thinking about a wire antenna with
> reasonable performance for 17m only. I have thought about a full wave loop,
> even a bobtail. A broadside array would be great but I am not keen on
> antennas with reflectors or directors because of the complexity of support
> ropes. So, really some kind of antenna supported by ropes from two trees
> would be ideal. Any ideas please?
>
> Alan VK6BN
>
>
Hi Alan,

you do not say how High you can get your antenna in the air.. but if you
have the room and the height a Sterba Curtain may be a solution.

73 Dave Kc1di

1543. preop/ ans calculations/ fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 10:01:51 UTC
From: ml <m@di.net>
Message-ID: <m-57054F.06015227102006@news.verizon.net>
Source record: 50417

In article <45417729$0$1007$39cecf19@news.twtelecom.net>,
Tom Ring <news0003@taring.org> wrote:

> ml wrote:
> > omitted) it's quite meets
> > code, very small, very light dosn't pollute or stink
> >
> > seemed rather sexy the jado can also be powered from small cartridges
> > making the unit selfcontained and very portable, however this isn't a
> > requirement of mine but cool benni
> >
> > the only con for me, seems to be a)not totally going to give me 100w
> > at full load b) i wish the unit was more than a puny 100w the larger
> > units i would have to pay full list for and are therefore outta reach
> >
> >
> > so solath and experiment
>
> Ok, I have applied a simple power budget to what you stated your
> original desire was, as opposed to your cut down 2m 5W system.
>
> Using a rig I own, an FT-897, on HF.
>
> Assume 90% receive at 1 amp.
> Assume 10% transmit at 15 amps with 100 watts output, (measured as
> opposed to the 22 amps claimed in the docs)
>
> This gives 2.4 amps average consumption. (Check my math, the doctor did
> a lot during my pre-op today)
>
> 1 week is 168 hours which gives us 403 ampere hours.
>
> 100AH deep cycle batteries are around 100 each (or less), So that's
> about $400 for all the batteries you need for a week without sleep.
>
> A modern top of the line charger, such as produced by Schumacher, is
> less than $100, does automatic desulfation, will charge at 50 amps or
> greater, and weighs about 6 pounds.
>
> So now we are at under 500 dollars for an emergency power for any ham
> that needs to run an HF rig for a whole week.
>
> I just don't see why you want to use the fuel cell, it makes no sense.
>

> tom
> K0TAR
tom, am i to understand you had some surgery today? if so, i hope all is well with you and taking the time to write is appreciated

i am guessing roy's calculation of the total ampre hrs needed is closer to being correct, but it's 5am and i kinda don't know how to calculate that so i dunno as stated in my earlier post i don't have the formulas so i can't act to confirm but i nod my head and presume it's all correct based on roys math

you are correct about what the rig is doing mine is exactly simular i would calculate based on 20amps

re your last comments on why i would want a fuel cell, it should be very clear in all my many posts

5480 watt-hours of battery is more $$ and large than i have practical room for

i can get the fuel cell for practically nothing and i just thought it might be able to offer some useful power to top off a battery to provide some b/u power why not? and also be a fun experiment it runs quiet , clean and i can get all the fuel i want free always, i would never be able to get fossel fuels in a blackout or other emerg

so now i inch a drop closer knowing how many what hours my original abandoned goal would draw , however my current stated goal is to just power my 5w tx output(draws4amps) 2m mobile rig

and try to calculate how much the battery would be drained in a 1min tx and then see if the 12v 7amps comming out of the jado would recharge it fast enough i believe that is what must be calculated for just not sure how do it, unless you still say a 7amp battery is still 'ok'

my goal was to be able to calculate

so a 7amp battery(or what ever is needed optically this seems like a too low a #)) w/a 1min 4amp load would be ??%drained
then based on manuf spec's for the battery we could calculate how much power &time would be needed to top it back off

then it would be simple enough to see if the output of the jado is sufficient i think thats all thats needed i think that's simple
but i dunno how to calculate it
thanks all i really wanted to do

1544. Re: Large Wire Antenna for 17m

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 11:03:50 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1161947030.504819.46730@e3g2000cwe.googlegroups.com>
Source record: 50418

Since you are supporting a 30 meter vertical, I suspect that you can
support a 17 meter half wave vertical.. A halfwave, bottom fed,
monopole, worked against an elevated counterpoise... Said elevated
counterpoise to be a half wave in length, and tapped at it's
centerpoint... Two or three feet off the ground will work, while head
high would be nice...
A single antenna will give 360 coverage... Two, three, or four of these
with switching to rotate the pattern will give you gain in given
directions, while still allowing 360 coverage...

denny / k8do

Alan Taylor wrote:
> Roy, ruling out quad loops and multi element antennas what do we have
> available?
>
> Thanks es 73 Alan

1545. Re: ans calculations/ fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 11:29:49 UTC
From: Dave <noone@nowhere.com>
Message-ID: <T5WdnT-AwukscNzYnZ2dnUVZ_oCdnZ2d@crocker.com>
Source record: 50419

"ml" <m@di.net> wrote in message
news:m-8DFE93.21592326102006@news.verizon.net...
>
> now i live in an apt, so too many batteries even if free arent practical
>
> code prevents me from using a generator in the building, so would the
> coop board, and the noise, smell vibration and mostly a generator
> running would attract 'undesiables' it would be kinda cheep and
> storing say desil wouldn't be a big deal if say i had a pvt house
> again thou getting extra fuel in a extended blackout would be an issue
>

i bet you also find that storing explosive gasses in an apartment are also against code. and laywers would probably consider a fuel cell a generator also.

your best bet is to just keep a few gell cells around to run your vhf on low power, you can get many hours on a charge... when one dies, swap for another one, take it out to your car, charge it from there, and bring it back in.

remember, in an emergency you most likely won't be making long transmissions anyway, first because there won't be that many locals to talk to because most of them won't have power... repeaters will be tied up with emergency traffic, and unless you are a net control you should mostly be listening.

1546. Re: Large Wire Antenna for 17m

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 12:31:50 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <W_m0h.16520$GR.3649@newssvr29.news.prodigy.net>
Source record: 50420

Alan Taylor wrote:
> I have some space and some high trees. I already use a 400ft doublet with
> atu for several bands and a 30m half square and get good results. I want to
> improve my performance on 17m. I am now thinking about a wire antenna with
> reasonable performance for 17m only. I have thought about a full wave loop,
> even a bobtail. A broadside array would be great but I am not keen on
> antennas with reflectors or directors because of the complexity of support
> ropes. So, really some kind of antenna supported by ropes from two trees
> would be ideal. Any ideas please?

Omnidirectional or directional?
--
73, Cecil http://www.w5dxp.com

1547. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 12:31:57 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <lsoyi0L9wfQFFApW@ifwtech.co.uk>
Source record: 50421

Cecil Moore wrote:
>w0zv@yahoo.com wrote:
>> 8 turns loose wound in a 6.625" diameter bundle looks like an effective
>> single band balun for 80m (approx 500 ohms).
>
>A ladder-line fed dipole might present an impedance of
>8000 ohms to the choke. A 500 ohm choke would have
>very little effect. However, a self-resonant choke
>might have 40K ohms of choking impedance and it
>would need to have a lot more turns than 8.

There's a disconnect between these two statements: they make very different assumptions about the level of performance that is needed.

A couple of days ago, Bill re-quoted the WA2SRQ measurements, which are the same ones we've been discussing for the past week (seems like more :-)
http://www.bcdxc.org/balun_information.htm#Ed,%20WA2SRQ

However, it's very interesting to read the whole of that web page, which is a much longer discussion involving several other designers and users of feedline chokes (aka choke baluns). In that discussion, there was a largely unspoken agreement that, to merit being called "effective", a choke should have an impedance of at least 10 times the cable Zo, ie at least 500 ohms.

If 500 ohms is all you need, a coiled-cable choke of either the "bunched" or the "solenoid" type certainly can cover at least two amateur bands an octave apart in frequency... but a wide range of ferrite chokes can do the same, and these have the advantage of being much more broadband so they need no tuning.

In contrast, Cecil is asking for a much higher impedance. If that's what you really need, then nothing can beat a resonant coiled-cable choke, which can give a resonant impedance well above 10kohms and possibly as high as 40kohms [1]. Even the very best ferrite choke can't come anywhere near that... but the resonant choke will always be a single-band device and will always have to be adjusted carefully.

[1] Measurements on various kinds of chokes, at:
http://w8ji.com/Baluns/balun_test.htm (table about half-way down the page).

The performance of a common-mode choke is always going to depend on the exact situation in which it is used, so the measured impedance can never be more than an indication of its *potential* performance. For example,

a 500-ohm choke may completely kill the common-mode problems at one station (or on one band) and have almost no effect in a different situation.

On balance, it might be better to say that 500 ohms should be considered the *minimum* value of impedance that can offer some promise of being useful in a wide variety of different situations.

But maybe Cecil is setting the bar too high by imagining the worst possible case. If an antenna/feedline system has a common-mode problem that needs an almost impossibly high value of choking impedance, then (as I said earlier) the choke isn't really the thing we should be looking at. It's the root cause of that problem - the antenna and/or feedline itself - that needs attention.

--
73 from Ian GM3SEK 'In Practice' columnist for RadCom (RSGB)
http://www.ifwtech.co.uk/g3sek

1548. Re: Large Wire Antenna for 17m

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 12:45:06 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <mbn0h.16524$GR.8689@newssvr29.news.prodigy.net>
Source record: 50422

Alan Taylor wrote:
> I should have mentioned the trees are in position for a broadside array to
> fire in the (two) directions I need.

A horizontal 66 ft. dipole fed with ladder-line would
work for 40m-10m and give you some gain over a 1/2WL
dipole on 17m where it would be an Extended Double
Zepp. EZNEC says feeding it with 9 feet of 450 ohm
ladder-line and then coax the rest of the way gives
a pretty good single-band match on 17m.
--
73, Cecil http://www.w5dxp.com

1549. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 13:29:05 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <BQn0h.16534$GR.11867@newssvr29.news.prodigy.net>
Source record: 50423

Ian White GM3SEK wrote:
> But maybe Cecil is setting the bar too high by imagining the worst
> possible case.

I immediately followed that posting up with another in
which I said 500 ohms of choking impedance is sufficient
for a resonant 1/2WL coax-fed dipole. But assuming the
1/2WL dipole is resonant on 3.75 MHz, 500 ohms of choking
impedance is really not enough at the band edges.

There's another consideration. The location of the common-
mode nodes and antinodes are not necessarily related to the
differential signals because the velocity factor is different
for common-mode signals Vs differential-mode signals. One
could encounter the "worst possible case" and not even be
aware of it.

The moral is: Follow Ian's advice and actually make common-mode
current measurements before and after installing the choke.
I have seen the installation of a choke actually increase the
common-mode current at a point 1/4WL away from the choke.
--
73, Cecil http://www.w5dxp.com

1550. Re: VE's should be allowed to use a cattle prod to make people take a code test.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 13:43:47 UTC
From: "R. Scott" <spamtrap@w7psk.net>
Message-ID: <J7srGy.CBM@news.boeing.com>
Source record: 50425
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"Slow Code" <my.mail@no.spam> wrote in message
news:D6c0h.19671$UG4.17151@newsread2.news.pas.earthlink.net...
> And if they fail the code test they get zapped again.
>
> Bringing back 'spark' will be good for ham radio.
>
> SC

If code is supposed to keep the Rif Raf out of Ham Radio.

How did you get in ?

Scotty W7PSK

I will sign with my callsign Unlike SC.

1551. Re: Large Wire Antenna for 17m

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 13:49:32 UTC
From: tclay@qmc.ph.msstate.edu
Message-ID: <87bqnx98cz.fsf@qmc.ph.msstate.edu>
Source record: 50424

>I have some space and some high trees. I already use a 400ft doublet with
>atu for several bands and a 30m half square and get good results. I want to
>improve my performance on 17m. I am now thinking about a wire antenna with
>reasonable performance for 17m only. I have thought about a full wave loop,
>even a bobtail. A broadside array would be great but I am not keen on
>antennas with reflectors or directors because of the complexity of support
>ropes. So, really some kind of antenna supported by ropes from two trees
>would be ideal. Any ideas please?

As others have said, you need to decide where you want to point it first,
because something with significant gain is going to be directional.
For 17m you probably want to go horizontally polarized if you have high
trees.

You might consider a horizontal vee beam, the lengths and enclosed angled
are relatively non-critical. It would also work well on 20 and 15m. I have
also constructed tree-supported yagis (wire) and quads, but you do need to
tune the parasitic elements carefully to get good performance.

Two triangular quad elements (flat side up, fed at bottom point)
separated by three PVC pipe spacers makes a nice quad that will hang
between only two supports. I used to have a couple of those up for 20m and 15m.

Tor
N4OGW

1552. Re: Large Wire Antenna for 17m

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 14:34:47 UTC
From: Jim Leder <k8cxm@fuse.net>
Message-ID: <d7cd45421906d0660f9a$26043@FUSE.NET>
Source record: 50326

If you can get it high enough, and I assume you can, why not a Delta loop with the apex at the bottom? I have tried several different 17 meter antennas, but the Delta loop is the best I found. True, it is only bi-directional, but mine is NE/SW and works pretty well in those directions. I use a Sigma 5 vertical dipole for everything else, but the loop is better that the vertical in it's favored directions by a lot.
I also used a half square on 30 meters, but have since removed it in favor of a simple inverted vee. I found the half square, while very effective on transmitting, was noisy on receive. The vee 'heard' things better and seems just as effective on transmitting. Fortunately, I was able to get the vee's apex up to 45 feet. Anything lower than that favors the half square on 30. I mention this because I also tried a half square on 17, but the loop was MUCH better.

--
Jim Bob Buckeye
AKA
**** Jim Leder****
K8CXM since 1961
IBM retiree since 1999
http://home.fuse.net/k8cxm/

"Alan Taylor" <adt1944@hotmail.com> wrote in message
news:454197c4$1_1@news.iprimus.com.au...
>I have some space and some high trees. I already use a 400ft doublet with
>atu for several bands and a 30m half square and get good results. I want to
>improve my performance on 17m. I am now thinking about a wire antenna
>with reasonable performance for 17m only. I have thought about a full wave
>loop, even a bobtail. A broadside array would be great but I am not keen
>on antennas with reflectors or directors because of the complexity of
>support ropes. So, really some kind of antenna supported by ropes from two
>trees would be ideal. Any ideas please?
>
> Alan VK6BN
>

1553. Re: RF gets into computer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 14:54:41 UTC
From: "John, N9JG" <john@Xremove.MeYgotwals.com>
Message-ID: <R4p0h.7840$5i7.1010@newsreading01.news.tds.net>
Source record: 50327

The following two steps seem to have solved the problem I had on 75 meters, at least when running the Orion transceiver barefoot.

1) Ran #12 wire through the 2nd-story window sill and down to a 10 feet long copper clad ground rod. The length of the wire run is about 15 feet. While this may seem to be an obvious step, at my previous QTH the use of an earth ground made RF feedback problems worse on some bands.

2) Installed an Amidon FT-240-77 ferrite toroid as a common-mode choke (11 turns) in the Orion's DC power supply cable and located about 18" from the Orion. I am using an Astron RS-35A linear power supply (the fan on the Ten-Tec switching PS was too noisy). The cable run between the power supply and the Orion is somewhat lengthy because the Orion is connected to an MFJ-1129 multi-outlet strip.

Step 2 above seems to have also corrected an occasional "flakiness" in the operation of some of the front panel controls, which I had blamed on progressive failure of the RIT/XIT encoder. Furthermore, for some inexplicable reason, the computer problem I had with the USB connected keyboard has disappeared with the installation of the Orion's power supply cord toriodal filter!

"Owen Duffy" <owen@no.where> wrote in message
news:e0a2k252j12fek3t4kdhadfroegn4dkmqf@4ax.com...
> On Thu, 26 Oct 2006 14:06:53 GMT, "John, N9JG"
> <john@Xremove.MeYgotwals.com> wrote:
>
>>When I operate on 75 meter SSB with my transceiver, my computer beeps and
>>disconnects/reconnects my USB connected keyboard. Note that I do not have
>>this problem on 40 meter SSB. My computer is located on the second floor
>>of
>>a brick house, and one end of my dipole is about 15 feet from my shack.
>>
>>From comments made by others, I may have to put RF filters on the cables
>>and wires connected to my computer. I am contemplating the use of
>>Amidon FT-240-77 ferrite toroids, which have an I.D. of 1.4 inches and
>>cost $9 each. If I buy in quantities of 10, is there a cheaper source
>>for this toroid?
>>
>>Any comments or suggestions on this problem would be appreciated.
>>
>
> John,
>
> You describe a problem that could be caused / exacerbated by one or

> both of:
> - lack of electromagnetic compatibility (EMC) of your computer; and
> - a hostile RF environment.
>
> Before you lay blame at the computer, it is worth whether the RF field
> strengths, and conducted and induced currents and voltages in your
> shack are unnecessarily high.
>
> You have give very little description of your antenna, feedline, and
> station earth... too scant to analyse and offer much advice.
>
> The hint is there that this problem is evident on 80m, while 40m seems
> OK. Why is that?
>
> Is the identified PC problem really a manifestation of a "hot" shack?
> Have you conducted any experiments to identify excessive common mode
> feedline currents in the shack (the same procedures you might follow
> if you got an RF burn from something in the shack)?
>
> Owen
>
> --

1554. Re: RF gets into computer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 15:33:27 UTC
From: Wayne <mygarbagecan@verizon.net>
Message-ID: <bFp0h.129$d95.60@trnddc08>
Source record: 50328

"Owen Duffy" <owen@no.where> wrote in message
news:e0a2k252j12fek3t4kdhadfroegn4dkmqf@4ax.com...
> On Thu, 26 Oct 2006 14:06:53 GMT, "John, N9JG"
> <john@Xremove.MeYgotwals.com> wrote:
>
>>When I operate on 75 meter SSB with my transceiver, my computer beeps and
>>disconnects/reconnects my USB connected keyboard. Note that I do not have
>>this problem on 40 meter SSB. My computer is located on the second floor
>>of
>>a brick house, and one end of my dipole is about 15 feet from my shack.
>>
>>From comments made by others, I may have to put RF filters on the cables
>>and wires connected to my computer. I am contemplating the use of
>>Amidon FT-240-77 ferrite toroids, which have an I.D. of 1.4 inches and
>>cost $9 each. If I buy in quantities of 10, is there a cheaper source
>>for this toroid?
>>
>>Any comments or suggestions on this problem would be appreciated.

Just one other thing to be aware of, with the dipole being nearby. Things
other than the computer can be affected. I had an dipole that coupled into
the central air/heat control box, because the control wires ran in the attic
parallel to, and about 15 feet from the dipole. With 100 watts, I managed
to burn out the control box solid state stuff. I didn't look to see what
the control wire resonance might be, but a snap on toroid was used to solve
the problem with the new control box.

--W

1555. Radial wire

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 15:45:23 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <e684k2dqma5l6661mk8kjcnj9qtnp53fsc@4ax.com>
Source record: 50329

As I continue my slow study of vertical antennas I am nearing the point where I need to plan a radial system. It is no big surprise that Everything I am doing has been done before but this is intended to be a learning experience.

The red North Carolina clay varies widely with the seasons, I hope to be ready when the ground softens up to where I can bury the radials. The current plan is to build a mechanism that will allow me to do the job from the seat of my tractor. I would prefer to not use fence staples because I expect they would forever plague me in my tractor tires.

The question:
I seem to be the only one inclined to use electric fence wire for radials. I know from experience that the galvanized steel 17 ga will last in excess of 10 years. I have found the Aluminum to be lacking in strength when I use it for antenna experiments. Both are available for less than $45 per mile.

My notes on the project are at
http://dixienc.us/28FtVert/28FtVertical.htm

The second page is recent.
Not much "meat" for the guru's, but may be interesting reading or reference links for the curious.

John Ferrell W8CCW

1556. Re: Radial wire

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 16:05:22 UTC
From: "pdrahn@coinet.com" <pdrahn@coinet.com>
Message-ID: <1161965122.411249.211830@m7g2000cwm.googlegroups.com>
Source record: 50330

Hi, John.
You seem to be confusing radial wires with ground screen wires. Radial wires must be insulated from the ground because they need to be specific lengths for the frequency they are cut for. The ground screen is made of non-inslated wires on the ground surface, or buried slightly under it.

I think the "staples" you are refering to are just wire "hair pins" to hold the wire in contact with the soil. Where you live, grass, etc. should grow over the wire in no time! Here in the desert, rocks are used to hold the wire down.

There was a commercial AM radio transmitter/tower behind my place. I salvaged many hundreds of feet of #16 bare copper wire from their ground screen. It was just under the surface and held in place with lava rocks. The tower base was concrete with 8" wide copper flashing between the base and the tower. It was soldered to a copper mesh around the concrete base. The ground screen wires were just twisted into the copper mesh.

Our neighbor said the whole thing was a wonderful lightening rod!!!

Paul, KD7HB
Redmond, OR

John Ferrell wrote:
> As I continue my slow study of vertical antennas I am nearing the
> point where I need to plan a radial system. It is no big surprise that
> Everything I am doing has been done before but this is intended to be
> a learning experience.
>
> The red North Carolina clay varies widely with the seasons, I hope to
> be ready when the ground softens up to where I can bury the radials.
> The current plan is to build a mechanism that will allow me to do the
> job from the seat of my tractor. I would prefer to not use fence
> staples because I expect they would forever plague me in my tractor
> tires.
>
> The question:
> I seem to be the only one inclined to use electric fence wire for
> radials. I know from experience that the galvanized steel 17 ga will
> last in excess of 10 years. I have found the Aluminum to be lacking in
> strength when I use it for antenna experiments. Both are available
> for less than $45 per mile.
>
> My notes on the project are at

> http://dixienc.us/28FtVert/28FtVertical.htm
>
> The second page is recent.
> Not much "meat" for the guru's, but may be interesting reading or
> reference links for the curious.
>
> John Ferrell W8CCW

1557. Re: Radial wire

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 16:31:16 UTC
From: w0zv@yahoo.com
Message-ID: <1161966676.704368.308780@m7g2000cwm.googlegroups.com>
Source record: 50331

Hi John,

John W8CCW wrote:

> The red North Carolina clay varies widely with the seasons, I hope to
> be ready when the ground softens up to where I can bury the radials.
> The current plan is to build a mechanism that will allow me to do the
> job from the seat of my tractor. I would prefer to not use fence
> staples because I expect they would forever plague me in my tractor
> tires.

I've never had a problem with the large garden staples getting into tractor tires. If you are really concerned, you could probably get away with one staple at the very end of each radial and then remove it after the thatch grows over the radial. I would never go to the trouble of buring radials myself. I now have about 130 ranging in length from 70' to 150' under my 180' tower for my 160 system. If you still want to bury your radials here's a neat idea by SM2CEW:

http://www.sm2cew.com/plow.htm

> The question:
> I seem to be the only one inclined to use electric fence wire for
> radials. I know from experience that the galvanized steel 17 ga will
> last in excess of 10 years. I have found the Aluminum to be lacking in
> strength when I use it for antenna experiments. Both are available
> for less than $45 per mile.

I put down about 10 rolls of welded galvanized mesh fencing (3-4' width by about 50-100') under my tower in 1997. Those rolls completely rusted several years ago and I disconnected them recently. My soil is mostly red clay (QTH is NC also) with some sandy loam areas. In my case the mesh was probably overkill anyway since my radial field alone is sufficient close to the tower. I have used galvanized wire for Beverages and it lasts forever when suspended in air...but that was not my experience with it on the ground. Aluminum is also not a good choice because of interaction with acid in the soil. Copper is best but the prices have now skyrocketed so much I can understand why you are looking for other alternatives.

Good luck with your project!

73, Bill W4ZV

1558. Re: Radial wire

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 16:33:16 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <gxq0h.22343$e66.12158@newssvr13.news.prodigy.com>
Source record: 50332

pdrahn@coinet.com wrote:
> You seem to be confusing radial wires with ground screen wires. Radial
> wires must be insulated from the ground because they need to be
> specific lengths for the frequency they are cut for.

The ground detunes the wires so it doesn't make a
lot of difference if they are insulated or not. For
the same reason, the lengths are not very critical.
--
73, Cecil, http://www.qsl.net/w5dxp

1559. Re: VE's should be allowed to use a cattle prod to make people take a code test.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 16:43:12 UTC
From: Mark@kb9rqz.aprs
Message-ID: <fod4k2tfgjqeaqo2m72rgnbt7llrpucfr2@4ax.com>
Source record: 50333
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Fri, 27 Oct 2006 13:43:47 GMT, "R. Scott" <spamtrap@w7psk.net>
wrote:

>"Slow Code" <my.mail@no.spam> wrote in message
>news:D6c0h.19671$UG4.17151@newsread2.news.pas.earthlink.net...
>> And if they fail the code test they get zapped again.
>>
>> Bringing back 'spark' will be good for ham radio.
>>
>> SC
>
>
>If code is supposed to keep the Rif Raf out of Ham Radio.
it is suposed but it doesn't work obviosuly
>
>
>How did you get in ?
>
>
>Scotty W7PSK
>
>I will sign with my callsign Unlike SC.
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1560. Re: Radial wire

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 16:56:09 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <1md4k2tltccpekvgn4gisgtqdl7ilaqkvr@4ax.com>
Source record: 50334

On 27 Oct 2006 09:31:16 -0700, w0zv@yahoo.com wrote:

>I've never had a problem with the large garden staples getting into
>tractor tires. If you are really concerned, you could probably get
>away with one staple at the very end of each radial and then remove it
>after the thatch grows over the radial. I would never go to the
>trouble of buring radials myself. I now have about 130 ranging in
>length from 70' to 150' under my 180' tower for my 160 system. If you
>still want to bury your radials here's a neat idea by SM2CEW:
>
>http://www.sm2cew.com/plow.htm
>
>> The question:
>> I seem to be the only one inclined to use electric fence wire for
>> radials. I know from experience that the galvanized steel 17 ga will
>> last in excess of 10 years. I have found the Aluminum to be lacking in
>> strength when I use it for antenna experiments. Both are available
>> for less than $45 per mile.
>
>I put down about 10 rolls of welded galvanized mesh fencing (3-4' width
>by about 50-100') under my tower in 1997. Those rolls completely
>rusted several years ago and I disconnected them recently. My soil is
>mostly red clay (QTH is NC also) with some sandy loam areas. In my
>case the mesh was probably overkill anyway since my radial field alone
>is sufficient close to the tower. I have used galvanized wire for
>Beverages and it lasts forever when suspended in air...but that was not
>my experience with it on the ground. Aluminum is also not a good
>choice because of interaction with acid in the soil. Copper is best
>but the prices have now skyrocketed so much I can understand why you
>are looking for other alternatives.
>
>Good luck with your project!
>
>73, Bill W4ZV

I am looking for the easiest way out for me! I mow the three acres of grass with a small Ford Farm tractor and a belly mower. It is seldom cut really short but I still fear picking up the wire in the mower. I have used home brew wire staples when I lived in Ohio but this soil is pretty tough for that. The SM2CEW Plow is what inspired me to consider burying the wire to begin with.

I think it likely that I am considering more radials than are practical anyway. 500 feet of #14 insulated wire was less than $25 the last time I bought it.

John Ferrell W8CCW

1561. Re: Radial wire

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 17:28:40 UTC
From: w0zv@yahoo.com
Message-ID: <1161970120.147454.201740@h48g2000cwc.googlegroups.com>
Source record: 50335

John Ferrell wrote:
>
> I am looking for the easiest way out for me! I mow the three acres of
> grass with a small Ford Farm tractor and a belly mower. It is seldom
> cut really short but I still fear picking up the wire in the mower. I
> have used home brew wire staples when I lived in Ohio but this soil is
> pretty tough for that. The SM2CEW Plow is what inspired me to consider
> burying the wire to begin with.

Mow it as low as possible when the grass is dormant, put down the radials, staple them and then let the grass grow as high as possible before mowing at a medium height. If you put the radials down now, I suspect they will mostly pack down before the grass starts growing again in the spring, especially if we get a couple of snow or ice storms.

> I think it likely that I am considering more radials than are
> practical anyway. 500 feet of #14 insulated wire was less than
> $25 the last time I bought it.

Here's a simple formula to save you money since I've heard that same roll of wire is now around $45! No matter how long your radials are, put the ends down such that they are ~0.025 wavelengths apart on the highest frequency band you plan to use. On 160 this is ~13', on 80 6.5' and on 40 3.25'. This works out to about 63 radials total if they are all 1/4 wavelengths long in a circular configuration, but the formula also works for random lengths in non-circular configurations. The idea is to have the end points no more than ~0.025 wavelengths apart. While ON4UN's book suggests 0.015 wavelengths apart, some recent measurements by N6LF seem to indicate that may be overkill (i.e. 60 radials are within a few tenths of a dB of 120 radials).

http://www.antennasbyn6lf.com/files/160_m_vertical_measurements.pdf

73, Bill W4ZV

1562. Re: ans calculations/ fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 18:07:11 UTC
From: You <You@shadow.orgs>
Message-ID: <You-C15561.10070927102006@netnews.worldnet.att.net>
Source record: 50336

In article <T5WdnT-AwukscNzYnZ2dnUVZ_oCdnZ2d@crocker.com>,
"Dave" <noone@nowhere.com> wrote:

> i bet you also find that storing explosive gasses in an apartment are also
> against code. and laywers would probably consider a fuel cell a generator
> also.

Well not really, as a lot of apartments have Explosive GAS piped right
into them..... Never heard of Natural Gas, or even Propane, I guess....
Both are Extremely Explosive, when mixed with air in the correct
ratio.... Duh.....

1563. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 18:27:33 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <nsi4k2dsf6g7ru6cjrvg05rh356q0t8a7s@4ax.com>
Source record: 50337

On Fri, 27 Oct 2006 13:31:57 +0100, Ian White GM3SEK
<gm3sek@ifwtech.co.uk> wrote:

>In that discussion, there was a
>largely unspoken agreement that, to merit being called "effective", a
>choke should have an impedance of at least 10 times the cable Zo, ie at
>least 500 ohms.

Hi Ian,

I haven't read to the depth you have, but if your synopsis is
accurate, they are wrong. The generality should be 10 times the
source Z.

>If 500 ohms is all you need, a coiled-cable choke of either the
>"bunched" or the "solenoid" type certainly can cover at least two
>amateur bands an octave apart in frequency... but a wide range of
>ferrite chokes can do the same, and these have the advantage of being
>much more broadband so they need no tuning.

And if the antennas exhibit a near-match, 500 Ohms is sufficient as
those antennas will be presenting a low (~50 Ohm) source Z.

>a 500-ohm choke may completely kill the common-mode problems at one
>station (or on one band) and have almost no effect in a different
>situation.

This would the consequence of a very high source Z, such as a half
wave end fed design.

>On balance, it might be better to say that 500 ohms should be considered
>the *minimum* value of impedance that can offer some promise of being
>useful in a wide variety of different situations.

Minimum, optimal, best, standard.... All such terms demand a criteria
that is trying to be met. No choke is 100% effective. The two most
compelling of those criteria are
1. RF shock hazard;
2. Antenna null filling.

The shock hazard is often ignored if it is not perceived (can't feel
it, and yet instrumentation might be pegged).

Null filling, or poorer F/B, or F/S performance may only become a
nuisance or a real concern depending upon the individual.

My own standard is 5 times the source Z, or at least 3 times the
source Z. 5 times is suitable for reasonable measurement accuracy,

but filling some other criteria throws us back into the subjective quagmire.

73's
Richard Clark, KB7QHC

1564. Re: ans calculations/ fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 18:34:33 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <hv2dnUJSWJalzN_YnZ2dnUVZ_uWdnZ2d@comcast.com>
Source record: 50338

Check a lease on an apartment, or the condo codes, storing propane on or in your residence or even on your deck is a violation.

You wrote:

> In article <T5WdnT-AwukscNzYnZ2dnUVZ_oCdnZ2d@crocker.com>,
> "Dave" <noone@nowhere.com> wrote:
>
>
>>i bet you also find that storing explosive gasses in an apartment are also
>>against code. and laywers would probably consider a fuel cell a generator
>>also.
>
>
> Well not really, as a lot of apartments have Explosive GAS piped right
> into them..... Never heard of Natural Gas, or even Propane, I guess....
> Both are Extremely Explosive, when mixed with air in the correct
> ratio.... Duh.....

1565. Re: ans calculations/ fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 18:44:58 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <6bk4k2pcg6gqtr9i9qgafc7vq5f4g5upjq@4ax.com>
Source record: 50339

On Fri, 27 Oct 2006 01:59:24 GMT, ml <m@di.net> wrote:

>it usually starts simple, i wanted somthing better than battery power

Hi Myles,

You are suffering from easy access to an answer to the wrong question.

First, investigate/research DC-DC converters. We've been through this once before, haven't we?

The various storage methods you've been cycling through Cell/Battery/Cap all have different voltage parameters compared to the eventual load. True, the battery naturally fits that 13.6V requirement, but it eventually fades.

With the right DC-DC converter, you can accommodate almost any scenario you've described and efficiently transform to a steady reliable voltage source capable of meeting the current load.

With the right DC-DC converter, you can also meet the requirements for recharging a cap or a battery from any other source (Cell/Battery/Cap). Flexibility allows you to move from any power source to another and still supply your load reliably.

73's
Richard Clark, KB7QHC

1566. Any interesting antenna projects?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 19:11:05 UTC
From: ricknj10@hotmail.com
Message-ID: <45424f62.23534796@news.optonline.net>
Source record: 50340

In the spirit of trying to get something going on the subject of antennas, and away from all the off topic posts......

Are you doing anything interesting with antennas? Putting anything up new for the contest season? Learn something new that the rest of us might benefit from hearing about, even if it isn't patentable?

For me, I have become interested in rhombics and am currently building one. It was based on the one featured in the ARRL Antenna Book, which is 377 feet long (right down the middle) and 210 feet on each side. 210 feet is 3 wavelengths on 20 meters. So far I have learned a little about the rhombic. It can be built as a terminated rhombic or a "resonant" rhombic. In the case of a terminated rhombic, you install a 600 ohm resistor at the far end, and that absorbs the power that would otherwise be radiated off the back, making the antenna uni-directional. Another advantage is, the feedpoint Z is approximately flat and equal to 600 ohms across a huge frequency range. So the antenna has gain and lots of it, at least over the range of 20-10 meters and everything in between! If you don't terminate it, it works the same way in the forward direction but has no front to back. And the impedance varies all over the place. But does anyone have a 600 ohm resistor they could supply me with? 300 watts or so? Noninductive.

So getting down to practical details, here's some of my experiences so far. Copper wire has gotten very expensive. #14 stranded down at the local Depot store is now 8 cents a foot, #12 is 14 cents. That adds up fast when you need 840 feet of the stuff. So I managed to find a roll at 900 ft on eBay for about 60% of that and got it. Now the problem with #14 is it sags. Well maybe not, maybe it is the rope holding the end up, it is very hard to pull up 200 feet of wire and get it to where it doesn't look like the suspension cables on the Verrazano bridge.

Ok so now how to get the rope up high enough in the oak to make it useful? Bought a slingshot. For-get-it. I tried bolts, nuts, fishing weights, etc, can't get the damn thing with fishing line to get over 16 feet and most of the time it tangled the line and sometimes actually ended up behind me. Crosman Slignshot for sale, $25 shipped to your door. Here's what works for 25 feet.... get xyl to climb a ladder in the back of the pickup parked beside the tree. She takes a tennis ball with light dacron rope taped to it and throws over the branch while I shout encouragement from below. It works. (oh, by the way, xyl is KC2PRW). That's the good news, the bad news is 25 feet ain't high enough, with the sag problem mentioned above.

Next, get bow and arrow from neighbor, yeahhhhh !! that works. Now got line over 35 feet, that's decent. Same success on 2nd tree. Now got the feedpoint tree and one of the corner trees with nice lines up 35 feet. Now pull up the wire and notice that the smallest little friggin branch in the oak trees will snag the #14, so get the ladder and trim off dozens of those little suckers. So that's where we are at the moment. I figure about 50% done. Now the question is, will it work?

I found (google can find anything) a great circle bearing program that told me to point it 47 degrees which, from New Jersey puts me right over London and down into central Germany. Look out DLs. According to my antenna modeling program it will have 14 dbi gain and a 3 db beamwidth of 20 degrees. Man that is sharp, much sharper than any 3 element beam. What's with these dbi's ? For comparison, a 3 ele beam at 70 ft will have 12 dbi gain. The rhombic at 30 ft has its main beam at about 22-25 degrees elevation. I sure wish I could get it up to 70 ft, but there's no chance.

So now I have to get two more trees rigged with ropes and then get down to the business of feeding the monster. I will be using balanced ladder line to a homebrew tuner which I haven't built yet.

If I get any positive feedback on this post I will continue with my progress and maybe even provide some on-air results in a week or so.

So that's my story. What are you working on?

Rick K2XT

1567. Re: preop/ ans calculations/ fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 19:52:16 UTC
From: K7ITM <k7itm@msn.com>
Message-ID: <1161978735.968183.149410@f16g2000cwb.googlegroups.com>
Source record: 50341

ml wrote:
> In article <45417729$0$1007$39cecf19@news.twtelecom.net>,
> Tom Ring <news0003@taring.org> wrote:
>
> > ml wrote:
> > > omitted) it's quite meets
> > > code, very small, very light dosn't pollute or stink
> > >
> > > seemed rather sexy the jado can also be powered from small cartridges
> > > making the unit selfcontained and very portable, however this isn't a
> > > requirement of mine but cool benni
> > >
> > > the only con for me, seems to be a)not totally going to give me 100w
> > > at full load b) i wish the unit was more than a puny 100w the larger
> > > units i would have to pay full list for and are therefore outta reach
> > >
> > >
> > > so solath and experiment
> >
> > Ok, I have applied a simple power budget to what you stated your
> > original desire was, as opposed to your cut down 2m 5W system.
> >
> > Using a rig I own, an FT-897, on HF.
> >
> > Assume 90% receive at 1 amp.
> > Assume 10% transmit at 15 amps with 100 watts output, (measured as
> > opposed to the 22 amps claimed in the docs)
> >
> > This gives 2.4 amps average consumption. (Check my math, the doctor did
> > a lot during my pre-op today)
> >
> > 1 week is 168 hours which gives us 403 ampere hours.
> >
> > 100AH deep cycle batteries are around 100 each (or less), So that's
> > about $400 for all the batteries you need for a week without sleep.
> >
> > A modern top of the line charger, such as produced by Schumacher, is
> > less than $100, does automatic desulfation, will charge at 50 amps or
> > greater, and weighs about 6 pounds.
> >
> > So now we are at under 500 dollars for an emergency power for any ham
> > that needs to run an HF rig for a whole week.
> >
> > I just don't see why you want to use the fuel cell, it makes no sense.

> >
> > tom
> > K0TAR
> tom, am i to understand you had some surgery today? if so, i hope all is
> well with you and taking the time to write is appreciated
>
> i am guessing roy's calculation of the total ampre hrs needed is closer
> to being correct, but it's 5am and i kinda don't know how to calculate
> that so i dunno as stated in my earlier post i don't have the formulas
> so i can't act to confirm but i nod my head and presume it's all correct
> based on roys math
>
> you are correct about what the rig is doing mine is exactly simular i
> would calculate based on 20amps
>
> re your last comments on why i would want a fuel cell, it should be very
> clear in all my many posts
>
> 5480 watt-hours of battery is more $$ and large than i have practical
> room for
>
> i can get the fuel cell for practically nothing and i just thought it
> might be able to offer some useful power to top off a battery to
> provide some b/u power why not? and also be a fun experiment it runs
> quiet , clean and i can get all the fuel i want free always, i would
> never be able to get fossel fuels in a blackout or other emerg
>
> so now i inch a drop closer knowing how many what hours my original
> abandoned goal would draw , however my current stated goal is to just
> power my 5w tx output(draws4amps) 2m mobile rig
>
> and try to calculate how much the battery would be drained in a 1min
> tx and then see if the 12v 7amps comming out of the jado would recharge
> it fast enough i believe that is what must be calculated for just not
> sure how do it, unless you still say a 7amp battery is still 'ok'
>
> my goal was to be able to calculate
>
> so a 7amp battery(or what ever is needed optically this seems like a too
> low a #)) w/a 1min 4amp load would be ??%drained
> then based on manuf spec's for the battery we could calculate how much
> power &time would be needed to top it back off
>
> then it would be simple enough to see if the output of the jado is
> sufficient i think thats all thats needed i think that's simple
> but i dunno how to calculate it
> thanks all i really wanted to do

If your rig draws 4 amps (I assume that's on transmit; it would be an
awful lot of power for a modern receiver), and the fuel cell can put

out 7 amps continuously albeit at slightly reduced voltage, and I assume it can put out 4 amps at less of a reduction, why are you worried about it? Unless you are VERY long-winded with your transmissions, a small 7amp-hour sealed lead acid battery would give you a couple hours operating time even if it wasn't being continuously recharged. I'd actually opt instead for some voltage stabilization at the fuel cell output: a buck-boost regulator would do it. If you trust the fuel cell to do its job, then trust it. If you don't, then provide a backup. So what I read between the lines you've written is that you're going to get this fuel cell, but you don't really trust it. You don't even trust it to come close to what are apparently its published ratings.

Pretty much all the formulas you need to figure all this stuff out:
power = voltage times current (watts = volts * amps)
energy = power times time (joules = watts * seconds)
--> total energy needed = sum of (each current times the length of time that current is drawn)
amp-hours = amps * hours = amps * seconds / 3600sec/hr
battery energy storage in watt-hours = amp-hour rating * volts (assuming full charge)
battery energy storage in joules = amp-hour rating * volts * 3600 sec/hour
capacitor energy storage = (initial charge voltage)^2 * capacitance / 2
joules = watt-seconds = volts^2 * farads / 2
watt-hours = joules/3600 = volts^2 * farads / 7200

Where is it that you can get a license without knowing at least this much? Why so much trouble with the concepts of power and energy calculated from current, voltage and time? (Why is this posted to an antennas newsgroup?)

Cheers,
Tom

1568. Re: Radial wire

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 20:11:56 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <c3p4k2dbrr5u3d2v7ivt3omlfobta5v1a2@4ax.com>
Source record: 50343

>
>Here's a simple formula to save you money since I've heard that same
>roll of wire is now around $45! No matter how long your radials are,
>put the ends down such that they are ~0.025 wavelengths apart on the
>highest frequency band you plan to use. On 160 this is ~13', on 80
>6.5' and on 40 3.25'. This works out to about 63 radials total if they
>are all 1/4 wavelengths long in a circular configuration, but the
>formula also works for random lengths in non-circular configurations.
>The idea is to have the end points no more than ~0.025 wavelengths
>apart. While ON4UN's book suggests 0.015 wavelengths apart, some
>recent measurements by N6LF seem to indicate that may be overkill (i.e.
>60 radials are within a few tenths of a dB of 120 radials).
>
>http://www.antennasbyn6lf.com/files/160_m_vertical_measurements.pdf
>
>73, Bill W4ZV
At $45/500 feet it is still a long way from Cost prohibitive.

Do I misunderstand? My intuition is to place the radials I use over as
much area as I can. The way I read your note is that they should be
installed in a small sector... I think I am misunderstanding that
point.

Also, on the distant planning horizon I will likely use the Radial
field for a permanent Multi band Vertical. The current 28 foot
radiator is simply a convenient place to gain experience.

I am inclined to pursue the advice presented in the article
http://www.ncjweb.com/k3lcmaxgainradials.pdf
John Ferrell W8CCW

1569. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 20:14:29 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <i7o4k21v33br2oi4hme84g20tv94c88enc@4ax.com>
Source record: 50342

On Fri, 27 Oct 2006 13:31:57 +0100, Ian White GM3SEK
<gm3sek@ifwtech.co.uk> wrote:

...
>A couple of days ago, Bill re-quoted the WA2SRQ measurements, which are
>the same ones we've been discussing for the past week (seems like more
>:-)
>http://www.bcdxc.org/balun_information.htm#Ed,%20WA2SRQ
>
>However, it's very interesting to read the whole of that web page, which
>is a much longer discussion involving several other designers and users
>of feedline chokes (aka choke baluns). In that discussion, there was a
>largely unspoken agreement that, to merit being called "effective", a
>choke should have an impedance of at least 10 times the cable Zo, ie at
>least 500 ohms.
>
>If 500 ohms is all you need, a coiled-cable choke of either the
>"bunched" or the "solenoid" type certainly can cover at least two
>amateur bands an octave apart in frequency... but a wide range of
>ferrite chokes can do the same, and these have the advantage of being
>much more broadband so they need no tuning.
>

Ian,

I agree that this criteria is oft cited, but it bears examination.

It seems to derive from a bench test of a balun, where the balun shunts the balanced load (on one or both legs) by some impedance, often assumed to be purely inductive reactance (though that is not true from some baluns, eg the common W2DU style), and that if that impedance is 10 or more times the balanced load impedance, then the impact of the shunt reactance is negligible, and the common mode current caused by a single leg shunt is negligible.

This might be a reasonable criteria for a balun in a bench situation or equipment room situation (eg between instruments or boxes with a mix of balanced and unbalanced interfaces), it should lead to low insertion VSWR which might be important if one was VSWR focused or obsessed.

I suggest that such a criteria is not complete enough in itself to predict the impact of the balun on common mode current or balun loss in an antenna + feedline + transmitter + ground scenario.

NEC modelling of some scenarios suggests to me that effect of common mode chokes at different frequencies depends not only on their impedance, but also on their location, and that sometimes more than one choke may be more effective than a single larger choke.

Those models also reveal the standing wave nature of the common mode feedline current, and the futility of taking a current probe measurement at a single location to infer any more than the current at that specific location (if that was important).

Owen
--

1570. HB9CV 2m Antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 21:06:19 UTC
From: mtech <marin.zorica/REMOVE/@zd.t-com.hr>
Message-ID: <ehtsc4$s8e$1@news1.carnet.hr>
Source record: 50344

Hello;

I need checked diagram of this antena, I want tu built up and use with
Alinco DJ-F1!

Regards,

Marin

1571. Re: Any interesting antenna projects?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 21:15:43 UTC
From: JIMMIE <JIMMIEDEE123@YAHOO.COM>
Message-ID: <1161983743.174982.82780@m7g2000cwm.googlegroups.com>
Source record: 50345

Rick wrote:
> In the spirit of trying to get something going on the subject of
> antennas, and away from all the off topic posts......
>
> Are you doing anything interesting with antennas? Putting anything up
> new for the contest season? Learn something new that the rest of us
> might benefit from hearing about, even if it isn't patentable?
>
> For me, I have become interested in rhombics and am currently building
> one. It was based on the one featured in the ARRL Antenna Book, which
> is 377 feet long (right down the middle) and 210 feet on each side.
> 210 feet is 3 wavelengths on 20 meters. So far I have learned a
> little about the rhombic. It can be built as a terminated rhombic or
> a "resonant" rhombic. In the case of a terminated rhombic, you
> install a 600 ohm resistor at the far end, and that absorbs the power
> that would otherwise be radiated off the back, making the antenna
> uni-directional. Another advantage is, the feedpoint Z is
> approximately flat and equal to 600 ohms across a huge frequency
> range. So the antenna has gain and lots of it, at least over the
> range of 20-10 meters and everything in between! If you don't
> terminate it, it works the same way in the forward direction but has
> no front to back. And the impedance varies all over the place. But
> does anyone have a 600 ohm resistor they could supply me with? 300
> watts or so? Noninductive.
>
> So getting down to practical details, here's some of my experiences so
> far. Copper wire has gotten very expensive. #14 stranded down at the
> local Depot store is now 8 cents a foot, #12 is 14 cents. That adds
> up fast when you need 840 feet of the stuff. So I managed to find a
> roll at 900 ft on eBay for about 60% of that and got it. Now the
> problem with #14 is it sags. Well maybe not, maybe it is the rope
> holding the end up, it is very hard to pull up 200 feet of wire and
> get it to where it doesn't look like the suspension cables on the
> Verrazano bridge.
>
> Ok so now how to get the rope up high enough in the oak to make it
> useful? Bought a slingshot. For-get-it. I tried bolts, nuts,
> fishing weights, etc, can't get the damn thing with fishing line to
> get over 16 feet and most of the time it tangled the line and
> sometimes actually ended up behind me. Crosman Slignshot for sale,
> $25 shipped to your door. Here's what works for 25 feet.... get xyl
> to climb a ladder in the back of the pickup parked beside the tree.
> She takes a tennis ball with light dacron rope taped to it and throws
> over the branch while I shout encouragement from below. It works.

> (oh, by the way, xyl is KC2PRW). That's the good news, the bad news
> is 25 feet ain't high enough, with the sag problem mentioned above.
> Next, get bow and arrow from neighbor, yeahhhhh !! that works. Now
> got line over 35 feet, that's decent. Same success on 2nd tree. Now
> got the feedpoint tree and one of the corner trees with nice lines up
> 35 feet. Now pull up the wire and notice that the smallest little
> friggin branch in the oak trees will snag the #14, so get the ladder
> and trim off dozens of those little suckers. So that's where we are
> at the moment. I figure about 50% done. Now the question is, will it
> work?
>
> I found (google can find anything) a great circle bearing program that
> told me to point it 47 degrees which, from New Jersey puts me right
> over London and down into central Germany. Look out DLs. According
> to my antenna modeling program it will have 14 dbi gain and a 3 db
> beamwidth of 20 degrees. Man that is sharp, much sharper than any 3
> element beam. What's with these dbi's ? For comparison, a 3 ele beam
> at 70 ft will have 12 dbi gain. The rhombic at 30 ft has its main
> beam at about 22-25 degrees elevation. I sure wish I could get it up
> to 70 ft, but there's no chance.
>
> So now I have to get two more trees rigged with ropes and then get
> down to the business of feeding the monster. I will be using balanced
> ladder line to a homebrew tuner which I haven't built yet.
>
> If I get any positive feedback on this post I will continue with my
> progress and maybe even provide some on-air results in a week or so.
>
> So that's my story. What are you working on?
>
> Rick K2XT

You can build a load out of 2 watt resistors if you are careful with
your design. Design the load as a string of attenuators with each
section dissipating about 50 watts or so. I ve done this with 50 ohm
unbalanced design but never with a balanced line. Also consider making
a lossy transmission line, perhaps using some nichrome wire.

1572. Re: Any interesting antenna projects?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 21:23:43 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <84u4k2ljhlq41euvhrh7s57b8vngqqiiko@4ax.com>
Source record: 50346

On 27 Oct 2006 14:15:43 -0700, "JIMMIE" <JIMMIEDEE123@YAHOO.COM>
wrote:

>Also consider making
>a lossy transmission line, perhaps using some nichrome wire.

Hi All,

I've found one excellent source for high resistance wire can be found
at the thrift store: 5$ Toasters. Each element is curiously close to
50 Ohms.

73's
Richard Clark, KB7QHC

1573. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 21:43:53 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <OfRI+ClZ2nQFFAub@ifwtech.co.uk>
Source record: 50347

Owen Duffy wrote:
>On Fri, 27 Oct 2006 13:31:57 +0100, Ian White GM3SEK
><gm3sek@ifwtech.co.uk> wrote:
>
>...
>>A couple of days ago, Bill re-quoted the WA2SRQ measurements, which are
>>the same ones we've been discussing for the past week (seems like more
>>:-)
>>http://www.bcdxc.org/balun_information.htm#Ed,%20WA2SRQ
>>
>>However, it's very interesting to read the whole of that web page, which
>>is a much longer discussion involving several other designers and users
>>of feedline chokes (aka choke baluns). In that discussion, there was a
>>largely unspoken agreement that, to merit being called "effective", a
>>choke should have an impedance of at least 10 times the cable Zo, ie at
>>least 500 ohms.
>>
>>If 500 ohms is all you need, a coiled-cable choke of either the
>>"bunched" or the "solenoid" type certainly can cover at least two
>>amateur bands an octave apart in frequency... but a wide range of
>>ferrite chokes can do the same, and these have the advantage of being
>>much more broadband so they need no tuning.
>>
>
>Ian,
>
>I agree that this criteria is oft cited, but it bears examination.
>
>It seems to derive from a bench test of a balun, where the balun
>shunts the balanced load (on one or both legs) by some impedance,
>often assumed to be purely inductive reactance (though that is not
>true from some baluns, eg the common W2DU style), and that if that
>impedance is 10 or more times the balanced load impedance, then the
>impact of the shunt reactance is negligible, and the common mode
>current caused by a single leg shunt is negligible.
>
>This might be a reasonable criteria for a balun in a bench situation
>or equipment room situation (eg between instruments or boxes with a
>mix of balanced and unbalanced interfaces), it should lead to low
>insertion VSWR which might be important if one was VSWR focused or
>obsessed.
>
>I suggest that such a criteria is not complete enough in itself to
>predict the impact of the balun on common mode current or balun loss

>in an antenna + feedline + transmitter + ground scenario.
>

That was very much what I said, farther down the message from which you quote.

Impedance isn't everything, but it does show the important difference between "good" chokes that are capable of making a large change, and "poor" chokes that will always have a much smaller effect.

The next thing is a different point, which can limit the effectiveness of even the best of chokes.

>NEC modelling of some scenarios suggests to me that effect of common
>mode chokes at different frequencies depends not only on their
>impedance, but also on their location, and that sometimes more than
>one choke may be more effective than a single larger choke.
>
>Those models also reveal the standing wave nature of the common mode
>feedline current, and the futility of taking a current probe
>measurement at a single location to infer any more than the current at
>that specific location (if that was important).

Common-mode current is well known to be "standing wave" in nature, in the sense that it has maxima and minima alternating along the line, separated by an electrical quarter-wavelength.

If you disrupt this pattern by inserting a common-mode choke at a current maximum, you're going to force a current minimum at that point. (That can only happen if the choke has a sufficiently high impedance, but let's assume it has.) RF currents on the entire antenna-feedline system will then rearrange themselves to take this new factor into account.

But something must have caused this tendency to have significant common-mode currents in the first place - most commonly an asymmetrical layout of the antenna and/or the feedline, eg when the feedline to a dipole runs parallel to the antenna underneath one side. A common-mode choke can treat the symptom (the common-mode current) but it cannot remove the root cause (the layout). In such cases, inserting a choke will cause a new common-mode current maximum to pop up, a quarter-wavelength away.

Now if you insert another choke at this new current maximum, you have made it extremely difficult for the line to support any common-mode current between those two chokes - but yet another new current maximum will pop up, a further quarter-wave away. So on you go, rather like trying to squeeze down a long balloon...

However, you are actually making progress. Every correctly placed choke makes it more difficult for common-mode current to exist on the line, and takes you farther away from the local field of the antenna.

The name of the game is to reduce the common-mode current along the whole of the feedline, as much as you can, but above all to reduce the current at the location of the equipment that is being affected (eg the transceiver). Therefore it's always important to monitor the current at the victim equipment, and be aware that it can sometimes increase.

In practical terms, the two most important places to try a common-mode choke are:

* At the end of the coax, where it breaks out to feed the antenna, or into parallel line, because this is where common-mode current can be launched onto the outside of the coax by a direct hard-wired connection.

* At the victim equipment in the shack, or at some "gateway" point like the ATU.

Because of the "pop-up" nature of the current maxima, there are always exceptions for certain layouts and feeder lengths, but these are two good practical places to start.

It can be difficult, and an RF current probe will be your best friend and faithful tracker... but it's never futile.

--
73 from Ian GM3SEK 'In Practice' columnist for RadCom (RSGB)
http://www.ifwtech.co.uk/g3sek

1574. Re: Any interesting antenna projects?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 21:55:47 UTC
From: ricknj10@hotmail.com
Message-ID: <45427f67.35827875@news.optonline.net>
Source record: 50348

>
>I've found one excellent source for high resistance wire can be found
>at the thrift store: 5$ Toasters.

At the former AT&T High Seas site at Ocean Gate NJ that I am
associated with they terminated rhombics with some kind of wire (looks
like shiny aluminum wire) in the form of an open wire transmission
line. It comes down the pole and then runs back toward the feed point
near the ground, then turns and comes back the whole length of the
rhombic, and does this 2 or three times - a lossy transmission line I
guess.

Rick

1575. Re: preop/ ans calculations/ fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 22:07:48 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <ehu05u$5f8$1@news.service.uci.edu>
Source record: 50349

K7ITM wrote:

> --> total energy needed = sum of (each current times the length
> of time that current is drawn)

You probably meant to say current times time is total charge.

73 de AC6XG

1576. Re: Horizontal Coaxial Dipole?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 22:52:31 UTC
From: JIMMIE <JIMMIEDEE123@YAHOO.COM>
Message-ID: <1161989551.129174.156390@e3g2000cwe.googlegroups.com>
Source record: 50350

nm5k@wt.net wrote:
> Cecil Moore wrote:
> > Lots of hams use vertical coaxial-sleeve dipoles
> > with the coax feedline running up through the sleeve.
> > Lots of hams prefer end-fed antennas. Does anyone run
> > his coaxial-sleeve dipole horizontally?
> > --
> > 73, Cecil http://www.w5dxp.com
>
> Those antennas have poor decoupling from the feedline,
> unless you use decoupling devices of some type. I once
> made one of those for 2m. In general, it was horrible when
> using it with no decoupling. If I run a vertical half wave, I
> actually prefer to base feed it, if I'm going to run it with no
> additional decoupling sections. I would never end feed a
> horizontal wire antenna unless it was a last resort. If I did,
> I probably wouldn't even bother with trying to center feed
> it like the coax sleeve antenna.
> A vertical coax sleeve antenna needs cones, radials, chokes,
> etc at the proper points on the feedline. Usually two sections
> if you want good decoupling. The sleeves are probably the
> most popular of the commercial versions.
> If I ran an end fed half wave, I don't think there would be a
> drastic difference between feeding from the end, or feeding
> from the center with the coax sleeve version. Both have
> their problems. If I run a dipole, I feed it normally from the
> center, and the line runs away perpendicular to the wire.
> IE: normal config.. The average 1/4 wave ground plane will
> usually outdo a coax sleeve 1/2 wave, if the 1/2 has severe
> common mode problems. This was the case on 2m for sure,
> and it's most critical there. I never ended up using that coax
> sleeve halfwave. My 1/4 GP smoked it on 2m.
> MK

1577. Re: Horizontal Coaxial Dipole?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 23:03:34 UTC
From: JIMMIE <JIMMIEDEE123@YAHOO.COM>
Message-ID: <1161990214.358175.48770@k70g2000cwa.googlegroups.com>
Source record: 50352

nm5k@wt.net wrote:
> Cecil Moore wrote:
> > Lots of hams use vertical coaxial-sleeve dipoles
> > with the coax feedline running up through the sleeve.
> > Lots of hams prefer end-fed antennas. Does anyone run
> > his coaxial-sleeve dipole horizontally?
> > --
> > 73, Cecil http://www.w5dxp.com
>
> Those antennas have poor decoupling from the feedline,
> unless you use decoupling devices of some type. I once
> made one of those for 2m. In general, it was horrible when
> using it with no decoupling. If I run a vertical half wave, I
> actually prefer to base feed it, if I'm going to run it with no
> additional decoupling sections. I would never end feed a
> horizontal wire antenna unless it was a last resort. If I did,
> I probably wouldn't even bother with trying to center feed
> it like the coax sleeve antenna.
> A vertical coax sleeve antenna needs cones, radials, chokes,
> etc at the proper points on the feedline. Usually two sections
> if you want good decoupling. The sleeves are probably the
> most popular of the commercial versions.
> If I ran an end fed half wave, I don't think there would be a
> drastic difference between feeding from the end, or feeding
> from the center with the coax sleeve version. Both have
> their problems. If I run a dipole, I feed it normally from the
> center, and the line runs away perpendicular to the wire.
> IE: normal config.. The average 1/4 wave ground plane will
> usually outdo a coax sleeve 1/2 wave, if the 1/2 has severe
> common mode problems. This was the case on 2m for sure,
> and it's most critical there. I never ended up using that coax
> sleeve halfwave. My 1/4 GP smoked it on 2m.
> MK

I have good performance out of a sleeve antenna on vhf where the sleeve was quite a bit larger tahn the coax running up the middle. RG 58 inside 1-1/4 inch sleeve. This was on a vertical antenna. Ferrite beads aided in decoupling the coax, small bits of styrofoam were used to keep the coax centered in the sleeve. Antenna was supporte by placing it in a fiberglass tube. I could see how this could be a real PITA to do horizontally.

1578. Re: Timewave ANC-4 question!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 23:05:50 UTC
From: Sun Tzu <Sun_Tzu@war_what_does_it_mean.org>
Message-ID: <ruCdnermL6SEDd_YnZ2dnUVZ_uydnZ2d@hawaiiantel.net>
Source record: 50351

Jan Simons PA0SIM wrote:

>
> "Sun Tzu" <Sun_Tzu@war_what_does_it_mean.org> schreef in bericht
> news:w5-dnVL2zLnRAdzYnZ2dnUVZ_vGdnZ2d@hawaiiantel.net...
>> Jan Simons PA0SIM wrote:
>>
>>> Reading the schematics it is possible that the ANC-4 does not
>>> fully cover the 360 degrees phase shift, just like the MFJ-1025.
>>> But it is also possible that you experience more than one noise
>>> source on 75 mtrs. A noise canceller (with two inputs/antennas)
>>> can cancel only one noise source.
>>>
>>> I have written about noise cancelling on my site, e.g.:
>>> http://www.pa0sim.nl/Phaser%2080%20-%2010%20meters.htm
>>> May be it can help.
>>>
>>> 73 es gl de Jan PA0SIM
>>
>>
>> Nice website, have you considered modifying the existing units (MFJ &
>> ANC)
>> to do what you have shown? Your idea would make either of these 2 units
>> much
>> better.
>>
>> By the way, I took the sense antenna which is a short dipole and I made
>> one
>> leg vertical and the other horizontal. Now I have almost no noise on 75
>> meters. I haqve been playing around with this for awhile and it was
>> either all vertical or all horizontal. Now with this configuration the
>> weak signals can be heard.
>>
>>
>> Stan
>> AH6JR
>>
>
> Hi Stan,
> I have considered it, but sometimes it is easier and better to start
> fresh. First question is always: what phaser/noise canceller do you really
> want? What do you expect from it?
> Looking at the design of the MFJ-1025, it would take to much mods to

> realize my needs.
>
> When one of the antennas doesn't hear the noise source, you don't need
> a phaser. But of course that antenna still has to hear your wanted
> signals. Using a small loop antenna it is sometimes possible to null the
> noise source.
> I think playing with a short dipole, as you did, is the same as nulling
> with small loops.
>
> 73 de Jan PA0SIM

I have the ANC-4 which works well. This new sense antenna is really good, as I can hear signals down to S-2 on 75 meters. I guess if I had to do it I would prefer to modify the ANC-4 as its a quality unit, not perfect but it is built well.

If you would have any ideas as to modifying the ANC-4 I would'nt mind working with you on this project. But I will leave that one up to you.

Hopefully I will be able to hear you in the contest this weekend on 75 meters!

Good Luck in the contest my friend!

1579. Re: Horizontal Coaxial Dipole?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 23:29:42 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <GDw0h.194$ul5.7@trnddc03>
Source record: 50353

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:S720h.23898$7I1.13522@newssvr27.news.prodigy.net...
> Lots of hams use vertical coaxial-sleeve dipoles
> with the coax feedline running up through the sleeve.
> Lots of hams prefer end-fed antennas. Does anyone run
> his coaxial-sleeve dipole horizontally?
> --
> 73, Cecil http://www.w5dxp.com

Hi Cecil

I dont propose that there is any practical reason to build a horizontal coaxial-sleeve horizontal 1/2 wave dipole for HF. But your post suggests to me an interesting way to build a fullwave "dipole". Two coaxial-sleeve 1/2 waves, end to end, might provide a method of low impedance feeding a fullwave long horizontal "dipole". I might even try it at VHF.

Jerry

1580. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-27 23:52:03 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <DYw0h.17213$TV3.9932@newssvr21.news.prodigy.com>
Source record: 50354

Owen Duffy wrote:
> Those models also reveal the standing wave nature of the common mode
> feedline current, and the futility of taking a current probe
> measurement at a single location to infer any more than the current at
> that specific location (if that was important).

In fact, the common-mode currents on the feedline
turn the feedline into a standing-wave antenna.
I suspect that's how an Isotron antenna works.
--
73, Cecil http://www.w5dxp.com

1581. Re: Horizontal Coaxial Dipole?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 00:07:16 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Uax0h.17217$TV3.10617@newssvr21.news.prodigy.com>
Source record: 50355

Jerry Martes wrote:
> I dont propose that there is any practical reason to build a horizontal
> coaxial-sleeve horizontal 1/2 wave dipole for HF.

The practical reason is when it is not practical to
center-feed a dipole. If one is forced to run the
coax feedline very close and parallel to one of the
dipole elements, might as well make the element hollow
and run the coax feedline inside it.

I wonder if that would work for a half-square? Make
one of the vertical sections hollow and run the coax
up the center of that section.

> But your post suggests
> to me an interesting way to build a fullwave "dipole". Two coaxial-sleeve
> 1/2 waves, end to end, might provide a method of low impedance feeding a
> fullwave long horizontal "dipole". I might even try it at VHF.

There are two types of antennas called "sleeve" antennas.
One has the braid connected to the sleeve where the
1/4WL single center conductor emerges. The other has
the braid connected to the sleeve 1/4WL back down the
feedline from that point to achieve a shorted 1/4WL
stub sleeve.
--
73, Cecil http://www.w5dxp.com

1582. Re: Radial wire

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 00:21:26 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12k58k9c8fpoda0@corp.supernews.com>
Source record: 50356

pdrahn@coinet.com wrote:
> Hi, John.
> You seem to be confusing radial wires with ground screen wires. Radial
> wires must be insulated from the ground because they need to be
> specific lengths for the frequency they are cut for. The ground screen
> is made of non-inslated wires on the ground surface, or buried slightly
> under it.
> . . .

In 30 years or so of reading and studying professional and amateur texts, I've never encountered this distinction. "Radial" refers to the fact that the wires radiate radially outward from the antenna base, and they're properly called "radials" whether buried or elevated. Common usage is to refer to buried radial wires as "buried radials" and elevated ones as "elevated radials". Either buried or elevated radials can be insulated or bare. Wires right on the surface of the ground sometimes behave like elevated radials (that is, show resonance effects) unless they're held down to make intimate contact with the ground.

When you see the term "ground screen" in the literature, it usually refers to something like buried chicken wire or other screen-like material.

Roy Lewallen, W7EL

1583. Re: ans calculations/ fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 00:30:22 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <ywx0h.329$LI4.284@newsread2.news.pas.earthlink.net>
Source record: 50357
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

Roy Lewallen <w7el@eznec.com> wrote in
news:12k31eoloih3v5f@corp.supernews.com:

> Tom Ring wrote:
>> . . .
>> 1 week is 168 hours which gives us 403 ampere hours.
> > . . .
>
> which at 13.6 volts is about 5480 watt-hours. This is the energy storage
> requirement.
>
> The OP asked about using a capacitor. The energy stored in a capacitor
> is C * V^2 / 2. For capacitance in farads and voltage in volts, the
> result is joules, or watt-seconds -- you need 5480 * 3600 ~ 20,000,000
> joules in round numbers. So suppose you wanted to store this same amount
> of energy in a capacitor, and you had a switching regulator which would
> handle 50 volts maximum input voltage. Solving for C, assuming it's
> charged to 50 volts,
>
> C = 20,000,000 * 2 / (50^2) = 16,000 farads.
>
> This assumes you can get all the energy out of the capacitor, which
> requires your regulator to work down to zero volts. But you'll get 3/4
> of the energy out of it if your regulator cuts off at 25 volts, 7/8 if
> it cuts off at 12.5 volts, etc.
>
> How does that sound?
>
> Roy Lewallen, W7EL

Send that to me in CW and I'll have a look at it.

SC

1584. Re: I don't remember horse and buggy, outhouses, or churning butter

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 00:30:28 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <Ewx0h.333$LI4.217@newsread2.news.pas.earthlink.net>
Source record: 50358
Cross-posted to: rec.radio.amateur.misc,alt.usenet.kooks,rec.radio.amateur.policy,rec.radio.amateur.antenna

"amdx" <amdx@knology.net> wrote in
news:ef18$45415363$45011502$24961@KNOLOGY.NET:

>>>> Slow Code wrote:
>>>
>>>>> New hams just don't appreciate things anymore.
>>>
>>> I don't remember,
>>> cutting wood for winter, foraging the woods for berries,
>>> turning the crank on a model T, building a spear to kill a deer,
>>> washing my clothes in the river, making candles to light the night.
>>> And I do appreciate that I don't have to do these things anymore.
>>> Mike
>>>
>>>
>> I have helped cut wood for winter heating. I have also foraged for
>> berries, actually Granny knew where to look and took me along to help
>> pick berries. I have never hand cranked a model T, but have watched
>> others do it (was tied up with winter wood cutting, the "T" drove a
>> belt with a rear axle wheel to drive a large circular saw) I never did
>> any of the other things listed, but if Granny were still here, I'd bet
>> she has and could describe the process. Except the spear hunting, that
>> was before Grannys time and on the other side of the family.
>>
>> Harold
>> KD5SAK
> Hi Harold,
> My point is, times change, peoples change, and if you want to cut
> wood,
> pick berries, crank a model T, or spear hunt,
> Have at it, but your not out telling everybody they need to.
> Mike

Right, and why homebrew anymore when you can call HRO or AES and buy your
appliance off the shelf.

73,
Back to my CW and projects.

SC

1585. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 00:30:36 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <Mwx0h.340$LI4.214@newsread2.news.pas.earthlink.net>
Source record: 50359
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

Mark in the Dark' wrote in
news:i1h4k2dum63f5lhvicgk35b0qr824i6nl5@4ax.com:

SNIP->Len Andersons gas and Morkins bullshit removed<

What a waste of perfectly good bandwidth.

SC

1586. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 00:30:37 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <Nwx0h.341$LI4.118@newsread2.news.pas.earthlink.net>
Source record: 50360
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"LenAnderson@ieee.org" <LenAnderson@ieee.org> wrote in
news:1161988422.027205.273630@h48g2000cwc.googlegroups.com:

>
> N2EY@AOL.COM wrote:
>> LenAnderson@ieee.org wrote:
>> >
>> > A quarter wave whip at 73 MHz is only 3 1/4" long.
>>
>> No, it isn't.
>>
>> Wrong *again*, Len.
>
> 3 1/4 *FEET*, Jimmie. :-)
>
> Not *wrong*, just a typo...too much pressure on the shift key. :-)
>
> Tsk, Mother Superior trying to do her knuckle-spanking bit today?
>
> Class was dismissed years ago, Jimmie, and your Habit is still
> looking terrible on you...quit this trans-gender nonsense, okay?

I guess all the strokes have effected your typing.

SC

1587. Stamp collecting doesn't require taking a code test.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 00:30:47 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <Xwx0h.349$LI4.140@newsread2.news.pas.earthlink.net>
Source record: 50361
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Maybe you people could try stamp collecting.

SC

1588. Re: VE's should be allowed to use a cattle prod to make people take a code test.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 00:31:02 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <axx0h.353$LI4.327@newsread2.news.pas.earthlink.net>
Source record: 50362
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"Mike, who else?" <Mike@nowhere.net> wrote in news:zAf0h.73122$E67.71703
@clgrps13:

> FU Troll. I tired of your shit
> *PLONK*
>
> Mike
>
>

I guess he's against bringing back Spark.

SC

1589. Re: I don't remember horse and buggy, outhouses, or churning butter

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 00:44:41 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <ZJx0h.22426$e66.13357@newssvr13.news.prodigy.com>
Source record: 50363
Cross-posted to: rec.radio.amateur.misc,alt.usenet.kooks,rec.radio.amateur.policy,rec.radio.amateur.antenna

Slow Code wrote:
> Right, and why homebrew anymore when you can call HRO or AES and buy your
> appliance off the shelf.

Can you hombrew an ICOM IC-756PRO?
--
73, Cecil http://www.w5dxp.com

1590. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 00:55:40 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <gUx0h.22429$e66.21429@newssvr13.news.prodigy.com>
Source record: 50364

Cecil Moore wrote:
> I also have a GDO. If I get an open circuit dip, would
> that be the parallel resonant frequency? If I get a
> short circuit dip, would that be the series resonant
> frequency?

I have a 20 turn choke wound on a 5.35" diameter
Quaker Oatmeal box at four turns per inch. I used
my Grid Dip Oscillator to determine the open-circuit
(parallel) self-resonance at 11 MHz. The short-circuit
(series) self-resonance is at 23 MHz.

This is a Knight Kit G-30 GDO with the original
6C4 still working. I built it from a kit in 1959.
--
73, Cecil http://www.w5dxp.com

1591. Re: preop/ ans calculations/ fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 01:01:40 UTC
From: K7ITM <k7itm@msn.com>
Message-ID: <1161997299.974749.178610@m73g2000cwd.googlegroups.com>
Source record: 50365

Jim Kelley wrote:
> K7ITM wrote:
>
> > --> total energy needed = sum of (each current times the length
> > of time that current is drawn)
>
> You probably meant to say current times time is total charge.
>
> 73 de AC6XG

Yeah, probably something like that. ;-) Actually, what I meant to
write was more like:
--> total energy needed = voltage * sum of (each current times the
length
of time that current is drawn.

Lesseee...unit analysis...volts * amps * time. OK, that looks better.

Thanks, Jim.

Cheers,
Tom

1592. Re: Radial wire

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 01:25:45 UTC
From: w0zv@yahoo.com
Message-ID: <1161998745.180932.171640@f16g2000cwb.googlegroups.com>
Source record: 50366

John Ferrell wrote:
>
> Do I misunderstand? My intuition is to place the radials I use over as
> much area as I can. The way I read your note is that they should be
> installed in a small sector... I think I am misunderstanding that
> point.

You want to cover the maximum area...but using the minimum amount of wire to do so effectively...which is what 0.025 wavelengths spacing between the endpoints yields.

> I am inclined to pursue the advice presented in the article
> http://www.ncjweb.com/k3lcmaxgainradials.pdf

The problem with all of K3LC's articles is that he only uses NEC-4 modeling with no empirical measurement data. N6LF's article below compares his measurements to the same NEC-4 model (see Figure 5 and last paragraph on page 5). Modeling programs are notorious for poorly handling radials on ground. Although NEC-4 is supposedly the best for this, the results N6LF reported (i.e. NEC-4 saying no improvement for more than 16 radials) are inconsistent with all measurement data going back to the 30's (including that used by the FCC for broadcast station commissioning).

http://www.antennasbyn6lf.com/files/160_m_vertical_measurements.pdf
(see Fig. 5 & bottom paragraph, p. 5)

73, Bill W4ZV

1593. Re: Stamp collecting doesn't require taking a code test.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 01:40:41 UTC
From: Douche Bag <loumaagsucks@hotmail.com>
Message-ID: <1161999641.472559.115250@h48g2000cwc.googlegroups.com>
Source record: 50367
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

You could try giving me head again. This time don't hum dots and
dashes.
Slow Code wrote:
> Maybe you people could try stamp collecting.
>
> SC

1594. Re: ans calculations/ fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 02:35:11 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <4542c1e2$0$6143$39cecf19@news.twtelecom.net>
Source record: 50368

You wrote:
>
> Well not really, as a lot of apartments have Explosive GAS piped right
> into them..... Never heard of Natural Gas, or even Propane, I guess....
> Both are Extremely Explosive, when mixed with air in the correct
> ratio.... Duh.....

You will find that from a legal perspective that natural gas piped in is not at all the same as storing a tank of hydrogen. Natural gas and propane are very highly regulated as to installation, equipment attached, etc. Very different than your tank of H2 will be.

tom
K0TAR

1595. Re: Horizontal Coaxial Dipole?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 02:41:34 UTC
From: nm5k@wt.net
Message-ID: <1162003294.246054.5240@i42g2000cwa.googlegroups.com>
Source record: 50369

JIMMIE wrote:

>
> I have good performance out of a sleeve antenna on vhf where the
> sleeve was quite a bit larger tahn the coax running up the middle. RG
> 58 inside 1-1/4 inch sleeve. This was on a vertical antenna.

They are good antennas if decoupled. Many have been used for
commercial/public service systems. A company called "Dodge" ??
used to sell a lot of them. Real heavy duty construction.. Their
version used two stacked sleeves. You could also use stacked
radial sets.
MK

1596. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 02:54:22 UTC
From: Mark@kb9rqz.aprs
Message-ID: <7ih5k2d8aksr26kkd5hi7t9580e1kv2h79@4ax.com>
Source record: 50370
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

On Sat, 28 Oct 2006 00:30:36 GMT, Slow Code <my.mail@no.spam> wrote:

>Mark in the Dark' wrote in
>news:i1h4k2dum63f5lhvicgk35b0qr824i6nl5@4ax.com:
>
>
>SNIP->Len Andersons gas and Morkins bullshit removed<
>
>
>What a waste of perfectly good bandwidth.
funny how you can't answer any of it just ignore it
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1597. Re: I don't remember horse and buggy, outhouses, or churning butter

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 03:01:33 UTC
From: Mark@kb9rqz.aprs
Message-ID: <rsh5k2lhrd23j0bh3kpjkeg1kgco2up3r8@4ax.com>
Source record: 50371
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna

On Sat, 28 Oct 2006 00:30:28 GMT, Slow Code <my.mail@no.spam> wrote:

>"amdx" <amdx@knology.net> wrote in
>news:ef18$45415363$45011502$24961@KNOLOGY.NET:
>
>>>>> Slow Code wrote:
>>>>
>>>>>> New hams just don't appreciate things anymore.
>>>>
>>>> I don't remember,
>>>> cutting wood for winter, foraging the woods for berries,
>>>> turning the crank on a model T, building a spear to kill a deer,
>>>> washing my clothes in the river, making candles to light the night.
>>>> And I do appreciate that I don't have to do these things anymore.
>>>> Mike
>>>>
>>>>
>>> I have helped cut wood for winter heating. I have also foraged for
>>> berries, actually Granny knew where to look and took me along to help
>>> pick berries. I have never hand cranked a model T, but have watched
>>> others do it (was tied up with winter wood cutting, the "T" drove a
>>> belt with a rear axle wheel to drive a large circular saw) I never did
>>> any of the other things listed, but if Granny were still here, I'd bet
>>> she has and could describe the process. Except the spear hunting, that
>>> was before Grannys time and on the other side of the family.
>>>
>>> Harold
>>> KD5SAK
>> Hi Harold,
>> My point is, times change, peoples change, and if you want to cut
>> wood,
>> pick berries, crank a model T, or spear hunt,
>> Have at it, but your not out telling everybody they need to.
>> Mike
>
>
>
>Right, and why homebrew anymore when you can call HRO or AES and buy your
>appliance off the shelf.
why homebreww becuase you want to

there has NEVER been any requirement to Homobrew the abilty to choose
has simply improved with the demands of the Marketplace IOW becuase
YOU and your fellow hams WANTED to be able not to homebrew the market

has prodcued an enviomentthat by the time I was licensed hombrewing
becamse purely volontary in fact as it has always been in law
>
>
>73,
>Back to my CW and projects.
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1598. Re: VE's should be allowed to use a cattle prod to make people take a code test.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 03:02:38 UTC
From: Mark@kb9rqz.aprs
Message-ID: <q0i5k21hqbhl6t65n9utm41ral8m3fpdq9@4ax.com>
Source record: 50372
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Sat, 28 Oct 2006 00:31:02 GMT, Slow Code <my.mail@no.spam> wrote:

>"Mike, who else?" <Mike@nowhere.net> wrote in news:zAf0h.73122$E67.71703
>@clgrps13:
>
>> FU Troll. I tired of your shit
>> *PLONK*
>>
>> Mike
>>
>>
>
>
>
>I guess he's against bringing back Spark.

OTOH I am not opposed to bring back Sparl gap for those that want if
we can find a way to do so without massive polution of NON ham
spectrum with the spurious suignals
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1599. slow troling in more crap

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 03:04:05 UTC
From: Mark@kb9rqz.aprs
Message-ID: <o4i5k2t7jl5hkdab8mtugerf8f6sngcgo6@4ax.com>
Source record: 50373
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

On Sat, 28 Oct 2006 00:30:22 GMT, Slow Code <my.mail@no.spam> wrote:

>Roy Lewallen <w7el@eznec.com> wrote in
>news:12k31eoloih3v5f@corp.supernews.com:
>
>> Tom Ring wrote:
>>> . . .
>>> 1 week is 168 hours which gives us 403 ampere hours.
>> > . . .
>>
>> which at 13.6 volts is about 5480 watt-hours. This is the energy storage
>> requirement.
>>
>> The OP asked about using a capacitor. The energy stored in a capacitor
>> is C * V^2 / 2. For capacitance in farads and voltage in volts, the
>> result is joules, or watt-seconds -- you need 5480 * 3600 ~ 20,000,000
>> joules in round numbers. So suppose you wanted to store this same amount
>> of energy in a capacitor, and you had a switching regulator which would
>> handle 50 volts maximum input voltage. Solving for C, assuming it's
>> charged to 50 volts,
>>
>> C = 20,000,000 * 2 / (50^2) = 16,000 farads.
>>
>> This assumes you can get all the energy out of the capacitor, which
>> requires your regulator to work down to zero volts. But you'll get 3/4
>> of the energy out of it if your regulator cuts off at 25 volts, 7/8 if
>> it cuts off at 12.5 volts, etc.
>>
>> How does that sound?
>>
>> Roy Lewallen, W7EL
>
>
>Send that to me in CW and I'll have a look at it.
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1600. slow craps some more

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 03:09:48 UTC
From: Mark@kb9rqz.aprs
Message-ID: <hfi5k21h6v2vevsdgj00dh844ua2q6gdd8@4ax.com>
Source record: 50374
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Sat, 28 Oct 2006 00:30:47 GMT, Slow Code <my.mail@no.spam> wrote:

>Maybe you people could try stamp collecting.
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1601. Re: Large Wire Antenna for 17m

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 03:10:31 UTC
From: nm5k@wt.net
Message-ID: <1162005031.374144.175980@e3g2000cwe.googlegroups.com>
Source record: 50375

Alan Taylor wrote:

> >
> > Alan Taylor wrote:
> >> I have some space and some high trees. I already use a 400ft doublet with
> >> atu for several bands and a 30m half square and get good results. I want
> >> to improve my performance on 17m. I am now thinking about a wire
> >> antenna with reasonable performance for 17m only. I have thought about a
> >> full wave loop, even a bobtail. A broadside array would be great but I
> >> am not keen on antennas with reflectors or directors because of the
> >> complexity of support ropes. So, really some kind of antenna supported by
> >> ropes from two trees would be ideal. Any ideas please?
> >>
> >> Alan VK6BN

The EDZ is the easiest I suppose. About 5.1 dbi/3dbd if I remember
right.
You could run two half wave dipoles, spaced a half wave apart
with rope. Feed in phase. Also good for about 3dbd. The lazy H
antennas could be run between two trees. Too bad you can't run a
yagi. That what you really need.. Or at least the most bang for it's
size,
and it can be steered. Also, I guess you could run a larger franklin
type
array. IE: 3 or more 1/2 wave elements. BTW, you also can use
"extended"
lazy H type arrays where the elements are EDZ length. Gives more gain
than the usual 1/2 wave lengths.
MK

1602. Re: I don't remember horse and buggy, outhouses, or churning butter

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 03:25:55 UTC
From: Mark@kb9rqz.aprs
Message-ID: <fdj5k2561muelkvcdupokotlkb70dnuf17@4ax.com>
Source record: 50277
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna

On Fri, 27 Oct 2006 23:25:01 -0500, "Not Lloyd" <anon@anon> wrote:

>Homobrew?
>
more gaybashing I see and toppsoting for some reason too
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1603. Re: Large Wire Antenna for 17m

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 04:02:05 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12k5li0d39bs2de@corp.supernews.com>
Source record: 50278

Alan Taylor wrote:
> Roy, ruling out quad loops and multi element antennas what do we have
> available? I like the idea of working both LP and SP to the US but if you
> have an idea for a wire antenna supported by only two ropes I would consider
> that. What would the pattern be like for a bobtail with extra vertical
> elements spaced the usual half wave? With the trees I have in mind I could
> possibly fit in six vertical elements.

Of course, what I'd recommend is that you model some of these antennas with a program like EZNEC. The free demo program is adequate for some of the antennas you're interested in. The demo program is able to model some more complex arrays with quite an accurate pattern -- what suffers is the accuracy of the reported feedpoint impedance.

One antenna you might consider is the "Field Day Special" (http://eznec.com/Amateur/Articles/Field_Day_Special.pdf). It has two elements, but can be suspended with two ropes by using spreaders made from PVC pipe or other light weight material. The advantage to this antenna over some others is that it has a unidirectional pattern which is easily and instantly reversible. With a unidirectional pattern, you get a broader beamwidth for a given amount of gain, compared to a bidirectional array. It also reduces QRM off the back, but of course you get more to the sides of the broadside direction since the beam is wider.

Roy Lewallen, W7EL

1604. Re: I don't remember horse and buggy, outhouses, or churning butter

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 04:25:01 UTC
From: Not Lloyd <anon@anon>
Message-ID: <dr80n.k7b.17.1@news.alt.net>
Source record: 50276
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna

Homobrew?

<Mark@kb9rqz.aprs> wrote in message
news:rsh5k2lhrd23j0bh3kpjkeg1kgco2up3r8@4ax.com...
On Sat, 28 Oct 2006 00:30:28 GMT, Slow Code <my.mail@no.spam> wrote:

>"amdx" <amdx@knology.net> wrote in
>news:ef18$45415363$45011502$24961@KNOLOGY.NET:
>
>>>>> Slow Code wrote:
>>>>
>>>>>> New hams just don't appreciate things anymore.
>>>>
>>>> I don't remember,
>>>> cutting wood for winter, foraging the woods for berries,
>>>> turning the crank on a model T, building a spear to kill a deer,
>>>> washing my clothes in the river, making candles to light the night.
>>>> And I do appreciate that I don't have to do these things anymore.
>>>> Mike
>>>>
>>>>
>>> I have helped cut wood for winter heating. I have also foraged for
>>> berries, actually Granny knew where to look and took me along to help
>>> pick berries. I have never hand cranked a model T, but have watched
>>> others do it (was tied up with winter wood cutting, the "T" drove a
>>> belt with a rear axle wheel to drive a large circular saw) I never did
>>> any of the other things listed, but if Granny were still here, I'd bet
>>> she has and could describe the process. Except the spear hunting, that
>>> was before Grannys time and on the other side of the family.
>>>
>>> Harold
>>> KD5SAK
>> Hi Harold,
>> My point is, times change, peoples change, and if you want to cut
>> wood,
>> pick berries, crank a model T, or spear hunt,
>> Have at it, but your not out telling everybody they need to.
>> Mike
>
>
>
>Right, and why homebrew anymore when you can call HRO or AES and buy your
>appliance off the shelf.
why homebreww becuase you want to

there has NEVER been any requirement to Homobrew the abilty to choose
has simply improved with the demands of the Marketplace IOW becuase
YOU and your fellow hams WANTED to be able not to homebrew the market
has prodcued an enviroment that by the time I was licensed hombrewing
becamse purely volontary in fact as it has always been in law
>
>
>73,
>Back to my CW and projects.
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1605. Re: Timewave ANC-4 question!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 09:51:09 UTC
From: Jan Simons PA0SIM <PA0SIMandnospam@amsat.org>
Message-ID: <1162029111.169821@SLIPstream>
Source record: 50279

"Sun Tzu" <Sun_Tzu@war_what_does_it_mean.org> schreef in bericht
news:ruCdnermL6SEDd_YnZ2dnUVZ_uydnZ2d@hawaiiantel.net...
> Jan Simons PA0SIM wrote:
>
>>
>> "Sun Tzu" <Sun_Tzu@war_what_does_it_mean.org> schreef in bericht
>> news:w5-dnVL2zLnRAdzYnZ2dnUVZ_vGdnZ2d@hawaiiantel.net...
>>> Jan Simons PA0SIM wrote:
>>>
>>>> Reading the schematics it is possible that the ANC-4 does not
>>>> fully cover the 360 degrees phase shift, just like the MFJ-1025.
>>>> But it is also possible that you experience more than one noise
>>>> source on 75 mtrs. A noise canceller (with two inputs/antennas)
>>>> can cancel only one noise source.
>>>>
>>>> I have written about noise cancelling on my site, e.g.:
>>>> http://www.pa0sim.nl/Phaser%2080%20-%2010%20meters.htm
>>>> May be it can help.
>>>>
>>>> 73 es gl de Jan PA0SIM
>>>
>>>
>>> Nice website, have you considered modifying the existing units (MFJ &
>>> ANC)
>>> to do what you have shown? Your idea would make either of these 2 units
>>> much
>>> better.
>>>
>>> By the way, I took the sense antenna which is a short dipole and I made
>>> one
>>> leg vertical and the other horizontal. Now I have almost no noise on 75
>>> meters. I haqve been playing around with this for awhile and it was
>>> either all vertical or all horizontal. Now with this configuration the
>>> weak signals can be heard.
>>>
>>>
>>> Stan
>>> AH6JR
>>>
>>
>> Hi Stan,
>> I have considered it, but sometimes it is easier and better to start
>> fresh. First question is always: what phaser/noise canceller do you
>> really

>> want? What do you expect from it?
>> Looking at the design of the MFJ-1025, it would take to much mods to
>> realize my needs.
>>
>> When one of the antennas doesnt hear the noise source, you dont need
>> a phaser. But of course that antenna still has to hear your wanted
>> signals. Using a small loop antenna it is sometimes possible to null the
>> noise source.
>> I think playing with a short dipole, as you did, is the same as nulling
>> with small loops.
>>
>> 73 de Jan PA0SIM
>
>
> I have the ANC-4 which works well. This new sense antenna is really good,
> as
> I can hear signals down to S-2 on 75 meters. I guess if I had to do it I
> would prefer to modify the ANC-4 as its a quality unit, not perfect but it
> is built well.
>
> If you would have any ideas as to modifying the ANC-4 I would'nt mind
> working with you on this project. But I will leave that one up to you.
>
> Hopefully I will be able to hear you in the contest this weekend on 75
> meters!
>
> Good Luck in the contest my friend!

Sri, I prefer my Digital Signal Processing route with the two Elecraft K2
receivers.
DSP makes an ideal phaser. So no need here for a "better" analog one.
And DSP gives me a lot more tricks to reduce interference and noise.

73 es gl de Jan PA0SIM

1606. Re: Timewave ANC-4 question!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 10:04:32 UTC
From: ml <m@di.net>
Message-ID: <m-9B4018.06043028102006@news.verizon.net>
Source record: 50280

> >> >
> >>
> >>
> >> I guess its residential on 1/3 of an acre lots. Not real tight.
> >> But the utilities are above ground and that probably doesnt help.
> >
> > not sure if anyone realizes this but i've noticed that the adj controls
> > can sometimes be very very sensitive sometimes i've found that a hair
> > kills the noise and if you blinked at that moment you missed it
> >
> > dunno maybe it's just me
>
> maybe you have a bad or dirty control? OR as Jan wrote previously the
> variable resistor is not linear and the abrupt change you see it due to the
> variable resistor.

<<the control is good, it is on all the units prob a non linear
pot(resistor) linear taper? not audio taper or what ever but they all
seem to work like that ;)

on certain kinds of noise it sure works well

ml

1607. Re: Timewave ANC-4 question!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 10:17:52 UTC
From: Jan Simons PA0SIM <PA0SIMandnospam@amsat.org>
Message-ID: <1162030673.317807@SLIPstream>
Source record: 50281

"ml" <m@di.net> schreef in bericht
news:m-9B4018.06043028102006@news.verizon.net...
>
>> >> >
>> >>
>> >>
>> >> I guess its residential on 1/3 of an acre lots. Not real tight.
>> >> But the utilities are above ground and that probably doesnt help.
>> >
>> > not sure if anyone realizes this but i've noticed that the adj controls
>> > can sometimes be very very sensitive sometimes i've found that a
>> > hair
>> > kills the noise and if you blinked at that moment you missed it
>> >
>> > dunno maybe it's just me
>>
>> maybe you have a bad or dirty control? OR as Jan wrote previously the
>> variable resistor is not linear and the abrupt change you see it due to
>> the
>> variable resistor.
>
> <<the control is good, it is on all the units prob a non linear
> pot(resistor) linear taper? not audio taper or what ever but they all
> seem to work like that ;)
>
> on certain kinds of noise it sure works well

The phase control variable resistor is linear, but the relation between
phase
difference and resistor value is very non linear!
This makes it difficult to tune to the exact phase for deep noise
cancelling.
See: http://www.pa0sim.nl/Phaser%2080%20-%2010%20meters.htm

That is why I use phase (and gain) control spreading.

73 Jan PA0SIM

1608. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 13:03:04 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <f+As8DGIU1QFFAOt@ifwtech.co.uk>
Source record: 50282

Cecil Moore wrote:
>Cecil Moore wrote:
>> I also have a GDO. If I get an open circuit dip, would
>> that be the parallel resonant frequency? If I get a
>> short circuit dip, would that be the series resonant
>> frequency?
>
>I have a 20 turn choke wound on a 5.35" diameter
>Quaker Oatmeal box at four turns per inch. I used
>my Grid Dip Oscillator to determine the open-circuit
>(parallel) self-resonance at 11 MHz. The short-circuit
>(series) self-resonance is at 23 MHz.
>
>This is a Knight Kit G-30 GDO with the original
>6C4 still working. I built it from a kit in 1959.

What kind of wire, what kind of insulation, and how much gap between turns? It affects the self-capacitance.

I'd like to try that on the VNA, but here in the homeland of porridge, oatmeal boxes are rectangular! Also we'll soon have visitors arriving for the rest of the weekend, so if anyone in the land of cylindrical oatmeal boxes can get to it in the next couple of days, please go ahead.

--
73 from Ian GM3SEK

1609. Re: Radial wire

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 13:39:50 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <4nl6k2lt3r0lcmdf41uirnqmp4gq3pchis@4ax.com>
Source record: 50283

>
>The problem with all of K3LC's articles is that he only uses NEC-4
>modeling with no empirical measurement data. N6LF's article below
>compares his measurements to the same NEC-4 model (see Figure 5 and
>last paragraph on page 5). Modeling programs are notorious for poorly
>handling radials on ground. Although NEC-4 is supposedly the best for
>this, the results N6LF reported (i.e. NEC-4 saying no improvement for
>more than 16 radials) are inconsistent with all measurement data going
>back to the 30's (including that used by the FCC for broadcast station
>commissioning).
>
>http://www.antennasbyn6lf.com/files/160_m_vertical_measurements.pdf
>(see Fig. 5 & bottom paragraph, p. 5)
>
>73, Bill W4ZV
I appreciate your patience and guidance.

The current 28 foot radiator is poorly located to invest too much
labor and materials for a permanent radial field. This location will
only permit 270 degrees of radials.

It seems prudent to locate the permanent field where I can get at
least 0.125 wave length radials at 160m with a minimum of 16.

Although it will complicate things by requiring additional coax and a
longer run of #6 ground wire to include it in the lightning protection
system I think it will be worth it.

That plan will also allow additional longer radials in the future.

John Ferrell W8CCW

1610. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 13:54:33 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <tiJ0h.16791$GR.13111@newssvr29.news.prodigy.net>
Source record: 50284

Ian White GM3SEK wrote:
> What kind of wire, what kind of insulation, and how much gap between
> turns? It affects the self-capacitance.

Unfortunately, the spare (75 ohm) coax that I
have to experiment with came free from the local
TV cable company and is unmarked. It is ~0.26"
in diameter with a ~0.04" outer insulation. All
conductors are aluminum. There is an aluminum foil
wrapped around the foam insulation under the aluminum
braid. The choke is fairly close wound with approximately
3.5 turns per inch.

> I'd like to try that on the VNA, but here in the homeland of porridge,
> oatmeal boxes are rectangular!

Do you have 2 liter plastic pop bottles available
there? I'm going to re-do the experiment with one
of those as a coil form. There's an endless supply
of those coil forms from the day care center next
door.
--
73, Cecil http://www.w5dxp.com

1611. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 14:35:19 UTC
From: JDB <me@here.now>
Message-ID: <HUJ0h.20238$OE1.11314@tornado.ohiordc.rr.com>
Source record: 50285
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

This code argument really gets old. I passed the General 13WPM code. Bidg deal. Yeah, I like to use CW, but do I think people need to be tested on CW? Heck NO! Let's end this antiquated test. It's a modern era. If you want to learn it -fine, but don't push your old and outdated beliefs on anyone else.

JDB

Mark@kb9rqz.net wrote:

> On Tue, 10 Oct 2006 17:37:42 -0500, Glen Overby
> <coreSPAMsample@charter.net> wrote:
>
>> <Mark@kb9rqz.net> wrote:
>>>till you can explain what value knowing the name has you can begin to
>>>convince me that you went a through a test as realavant as mine
>>
>>The licensing hierarchy (and the morse code debate) isn't about value,
>>it's
>>about status. It's about having a chip on your shoulder that says "I'm
>>better than you".
> well the procoders like to rpetend it is about value
> http://kb9rqz.blogspot.com/
>

1612. Response to SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 15:21:16 UTC
From: Roadrunner NNTP <noone@nowhere.com>
Message-ID: <MzK0h.33021$ta3.31232@tornado.texas.rr.com>
Source record: 50286
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

I've had enough of SC in newsgroups!

Please don't answer his flaming posts. I would like for my 14 amateur radio operator girl child (who is working on her code) to be able to use newsgroups without this abuse. We should not have to put up with it either.

Copy and forward the following to abuse@earthlink.net. They should be able to identify him from the headers and their logs.

Dear Earthlink Abuse . . .

Please get this clown off of usenet. There are several hobby groups where he posts regularly his inflammatory material, often with profanities. Our kids who are in the hobby certainly don't need to be exposed to this stuff.

Thanks.

Long time internet user and parent.

Path: be1.texas.rr.com!cyclone.austin.rr.com!news.rr.com!border2.nntp.dca.giganews.com!border1.nntp.dca.giganews.com!nntp.giganews.com!newshub.sdsu.edu!elnk-nf2-pas!newsfeed.earthlink.net!stamper.news.pas.earthlink.net!newsread2.news.pas.earthlink.net.POSTED!3dd4ce4a!not-for-mail

Newsgroups: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Subject: Stamp collecting doesn't require taking a code test.

From: Slow Code <my.mail@no.spam>

Organization: None

User-Agent: Xnews/5.04.25

Lines: 3

Message-ID: <Xwx0h.349$LI4.140@newsread2.news.pas.earthlink.net>

Date: Sat, 28 Oct 2006 00:30:47 GMT

NNTP-Posting-Host: 4.227.154.108

X-Complaints-To: abuse@earthlink.net

X-Trace: newsread2.news.pas.earthlink.net 1161995447 4.227.154.108 (Fri, 27 Oct 2006 17:30:47 PDT)

NNTP-Posting-Date: Fri, 27 Oct 2006 17:30:47 PDT

Xref: be1.texas.rr.com rec.radio.amateur.antenna:257939
rec.radio.amateur.policy:343886 rec.radio.scanner:266398
rec.radio.swap:457098

Maybe you people could try stamp collecting.

SC

Path:
be1.texas.rr.com!cyclone.austin.rr.com!news.rr.com!border2.nntp.dca.giganews.com!nntp.giga
news.com!nntp1.phx1.gblx.net!nntp.gblx.net!nntp.gblx.net!newsfeed.news2me.com!newshub.sdsu
.edu!elnk-nf2-pas!newsfeed.earthlink.net!stamper.news.pas.earthlink.net!newsread2.news.pas
.earthlink.net.POSTED!3dd4ce4a!not-for-mail

Newsgroups:
rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Subject: VE's should be allowed to use a cattle prod to make people take a
code test.

From: Slow Code <my.mail@no.spam>

Organization: None

User-Agent: Xnews/5.04.25

Lines: 5

Message-ID: <D6c0h.19671$UG4.17151@newsread2.news.pas.earthlink.net>

Date: Fri, 27 Oct 2006 00:09:07 GMT

NNTP-Posting-Host: 4.254.227.60

X-Complaints-To: abuse@earthlink.net

X-Trace: newsread2.news.pas.earthlink.net 1161907747 4.254.227.60 (Thu, 26
Oct 2006 17:09:07 PDT)

NNTP-Posting-Date: Thu, 26 Oct 2006 17:09:07 PDT

Xref: be1.texas.rr.com rec.radio.amateur.antenna:257845
rec.radio.amateur.policy:343742 rec.radio.swap:457040

And if they fail the code test they get zapped again.

Bringing back 'spark' will be good for ham radio.

Path:
be1.texas.rr.com!news-wrt-01.tampabay.rr.com!news-wrt-01.southeast.rr.com!news-feed-01.sou
theast.rr.com!news.rr.com!cycny01.gnilink.net!peer01.west.cox.net!cox.net!newscon02.news.p
rodigy.net!prodigy.net!border1.nntp.dca.giganews.com!nntp.giganews.com!postnews.google.com
!news4.google.com!newshub.sdsu.edu!elnk-nf2-pas!newsfeed.earthlink.net!stamper.news.pas.ea
rthlink.net!newsread2.news.pas.earthlink.net.POSTED!3dd4ce4a!not-for-mail

Newsgroups:
rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

Subject: Re: I don't remember horse and buggy, outhouses, or churning butter

From: Slow Code <my.mail@no.spam>

References: <gUx%g.12447$Lv3.2784@newsread1.news.pas.earthlink.net>
<1161746253.858141.126300@m73g2000cwd.googlegroups.com>
<5e980$453f9e94$45011502$31488@KNOLOGY.NET>

Organization: None

User-Agent: Xnews/5.04.25

Lines: 23

Message-ID: <OLS%g.19218$UG4.1065@newsread2.news.pas.earthlink.net>

Date: Wed, 25 Oct 2006 23:51:10 GMT

NNTP-Posting-Host: 4.227.154.38

X-Complaints-To: abuse@earthlink.net

X-Trace: newsread2.news.pas.earthlink.net 1161820270 4.227.154.38 (Wed, 25
Oct 2006 16:51:10 PDT)

NNTP-Posting-Date: Wed, 25 Oct 2006 16:51:10 PDT

Xref: be1.texas.rr.com rec.radio.amateur.policy:343846
rec.radio.amateur.antenna:257917 rec.radio.swap:457083

lazy ass Mike "amdx" <amdx@knology.net> wrote in

news:5e980$453f9e94$45011502$31488@KNOLOGY.NET:

>

>> Slow Code wrote:

>

>>> New hams just don't appreciate things anymore.

>

> I don't remember,

> cutting wood for winter, foraging the woods for berries,

> turning the crank on a model T, building a spear to kill a deer,

> washing my clothes in the river, making candles to light the night.

> And I do appreciate that I don't have to do these things anymore.

> Mike

Right, and why homebrew anymore when you can call HRO or AES and buy your

appliance off the shelf.

73,

Back to my CW and projects.

SC

SC

Path:
be1.texas.rr.com!news-wrt-01.tampabay.rr.com!news-wrt-01.southeast.rr.com!news-feed-01.sou
theast.rr.com!news.rr.com!cycny01.gnilink.net!peer01.west.cox.net!cox.net!newscon02.news.p
rodigy.net!prodigy.net!border1.nntp.dca.giganews.com!nntp.giganews.com!postnews.google.com
!news4.google.com!newshub.sdsu.edu!elnk-nf2-pas!newsfeed.earthlink.net!stamper.news.pas.ea
rthlink.net!newsread2.news.pas.earthlink.net.POSTED!3dd4ce4a!not-for-mail

Newsgroups:
rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

Subject: Re: I don't remember horse and buggy, outhouses, or churning butter

From: Slow Code <my.mail@no.spam>

References: <gUx%g.12447$Lv3.2784@newsread1.news.pas.earthlink.net>
<1161746253.858141.126300@m73g2000cwd.googlegroups.com>
<5e980$453f9e94$45011502$31488@KNOLOGY.NET>

Organization: None

User-Agent: Xnews/5.04.25

Lines: 23

Message-ID: <OLS%g.19218$UG4.1065@newsread2.news.pas.earthlink.net>

Date: Wed, 25 Oct 2006 23:51:10 GMT

NNTP-Posting-Host: 4.227.154.38

X-Complaints-To: abuse@earthlink.net

X-Trace: newsread2.news.pas.earthlink.net 1161820270 4.227.154.38 (Wed, 25
Oct 2006 16:51:10 PDT)

NNTP-Posting-Date: Wed, 25 Oct 2006 16:51:10 PDT

Xref: be1.texas.rr.com rec.radio.amateur.policy:343846
rec.radio.amateur.antenna:257917 rec.radio.swap:457083

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>

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>

> I don't remember,

> cutting wood for winter, foraging the woods for berries,

> turning the crank on a model T, building a spear to kill a deer,

> washing my clothes in the river, making candles to light the night.

> And I do appreciate that I don't have to do these things anymore.

> Mike

Right, and why homebrew anymore when you can call HRO or AES and buy your

appliance off the shelf.

73,

Back to my CW and projects.

SC

Path:
be1.texas.rr.com!cyclone.austin.rr.com!news.rr.com!border2.nntp.dca.giganews.com!nntp.giga
news.com!news.maxwell.syr.edu!elnk-pas-nf1!newsfeed.earthlink.net!stamper.news.pas.earthli
nk.net!newsread2.news.pas.earthlink.net.POSTED!3dd4ce4a!not-for-mail

Newsgroups:
rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

Subject: Re: Is the code requirement really keeping good people out of ham
radio?

From: Slow Code <my.mail@no.spam>

References: <1158527339.352992.28170@i42g2000cwa.googlegroups.com>
<bhGPg.9337$v%4.106@newsread1.news.pas.earthlink.net>
<c3iug29tid5kod1f1olqktlvn5kkicgg7j@4ax.com> <450FE04F.7060501@fuse.net>
<ia79h21f1uhjc1pd68ud3j86nbmlnemdvi@4ax.com>
<b3_Rg.1384$Y24.335@newsread4.news.pas.earthlink.net>
<ltvgh21b35rlg7smc8o5n2509m34afg1pk@4ax.com>
<HJednVoOhasYvYTYnZ2dnUVZ_uudnZ2d@comcast.com>
<1161835676.853678.129230@i3g2000cwc.googlegroups.com>
<n1g0k2h8kugbpj65vjk8fc96uk5hsl70k8@4ax.com>

Organization: None

User-Agent: Xnews/5.04.25

Lines: 14

Message-ID: <76c0h.19656$UG4.15739@newsread2.news.pas.earthlink.net>

Date: Fri, 27 Oct 2006 00:08:35 GMT

NNTP-Posting-Host: 4.254.227.60

X-Complaints-To: abuse@earthlink.net

X-Trace: newsread2.news.pas.earthlink.net 1161907715 4.254.227.60 (Thu, 26 Oct 2006 17:08:35 PDT)

NNTP-Posting-Date: Thu, 26 Oct 2006 17:08:35 PDT

Xref: be1.texas.rr.com rec.radio.amateur.antenna:257842 rec.radio.amateur.policy:343730 rec.radio.swap:457038 rec.radio.shortwave:537344

Opus- <jbuchy@shaw.ca> wrote in

news:n1g0k2h8kugbpj65vjk8fc96uk5hsl70k8@4ax.com:

> Don't you have some offs to fuck?

>

Why do no-coders always break down in the middle of an argument and start

spewing profanities? I just don't understand it. It must be do to their

limited mental abilities.

Opus being a Cannuk probably doesn't help either.

SC

Path: be1.texas.rr.com!cyclone.austin.rr.com!news.rr.com!border2.nntp.dca.giganews.com!border1.nntp.dca.giganews.com!nntp.giganews.com!newshub.sdsu.edu!elnk-nf2-pas!newsfeed.earthlink.net!stamper.news.pas.earthlink.net!newsread2.news.pas.earthlink.net.POSTED!3dd4ce4a!not-for-mail

Newsgroups: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy

Subject: If you had to learn morse code for a ham license would you stay on CB?

From: Slow Code <my.mail@no.spam>

Organization: None

User-Agent: Xnews/5.04.25

Lines: 8

Message-ID: <Lwx0h.339$LI4.180@newsread2.news.pas.earthlink.net>

Date: Sat, 28 Oct 2006 00:30:35 GMT

NNTP-Posting-Host: 4.227.154.108

X-Complaints-To: abuse@earthlink.net

X-Trace: newsread2.news.pas.earthlink.net 1161995435 4.227.154.108 (Fri, 27 Oct 2006 17:30:35 PDT)

NNTP-Posting-Date: Fri, 27 Oct 2006 17:30:35 PDT

Xref: be1.texas.rr.com rec.radio.amateur.equipment:209077 rec.radio.amateur.misc:299083 rec.radio.amateur.policy:343877

5wpm ain't really learning it. I can fart 5 wpm.

Lets kick the requirement up there to between 13 and 20 wpm for all

classes. And no-codes that haven't passed it after a year get booted which

will help clean up the repeaters.

SC

m.News. EarthLink Members should use their best judgment when posting to any newsgroup. Many groups have charters, published guidelines, FAQs, or "community standards" describing what is and is not considered appropriate. Usenet can be a valuable resource if used properly. The continued posting of off-topic articles is prohibited. Commercial advertisements are off-topic in most newsgroups, especially regional groups not specifically named for such. The presence of such articles in a group is not indicative of the group's "intended" use. Please familiarize yourself with basic Usenet netiquette before posting to a newsgroup.

EarthLink considers "multiposting" to 10 or more groups within a two week sliding window to be excessive. EarthLink servers currently limit the number of allowable "cross-posts" to 9.

EarthLink Members may not cancel messages other than their own messages. A Member may cancel posts forged in that Member's name. We may cancel any postings which violate this AUP.

1613. Re: Response to SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 15:56:56 UTC
From: Old Time Ham <old_fart@curmudgeons.com>
Message-ID: <WKGdnWtkRP5V4N7YnZ2dnUVZ_r6dnZ2d@comcast.com>
Source record: 50287
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

Roadrunner NNTP wrote:
> I've had enough of SC in newsgroups!
>
> Please don't answer his flaming posts. I would like for my 14 amateur radio
> operator girl child (who is working on her code) to be able to use
> newsgroups without this abuse. We should not have to put up with it either.
>
> Copy and forward the following to abuse@earthlink.net. They should be able
> to identify him from the headers and their logs.
>
>
> Dear Earthlink Abuse . . .
>
>
>
> Please get this clown off of usenet. There are several hobby groups where
> he posts regularly his inflammatory material, often with profanities. Our
> kids who are in the hobby certainly don't need to be exposed to this stuff.
>
>
>
> Thanks.
>
>

It appears to me the only profanity was directed AT Slow Code. I am sure
Earthlink will give your (anonymous) complaint the attention it
deserves. You have elevated childish whining to a new level!

1614. Re: fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 16:01:03 UTC
From: Tony VE6MVP <tony@REMOVEve6mvp.com>
Message-ID: <nkv6k2999kquii8h3ok8aflv2lgbhjlf9g@4ax.com>
Source record: 50288

On Thu, 26 Oct 2006 08:53:31 -0700, Jim Kelley <jwkelley@uci.edu>
wrote:

>> Fuel Cell??? That is a pretty pricey option.
>>
>> More than likely it is 100WH (Watt-hour, not Watt) rated.
>
>https://jadoopower.com/fuel_cell.html

Very interesting.

But

Seems like those fuel canisters are just a bit on the pricey side.
And what fuel do they indeed use? Complete lack of info on that.

I see the website mentions refill stations. What kind of power do
those use? How do they work.

Tony

1615. Re: Response to SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 16:01:17 UTC
From: pltrgyst <pltrgyst@spamlessxhost.org>
Message-ID: <ljv6k21j2og31vecirirk6hfbojq5o7jke@4ax.com>
Source record: 50289
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

On Sat, 28 Oct 2006 15:21:16 GMT, "Roadrunner NNTP" <noone@nowhere.com> wrote:

>I've had enough of SC in newsgroups!
>
>Please don't answer his flaming posts. I would like for my 14 amateur radio
>operator girl child (who is working on her code) to be able to use
>newsgroups without this abuse. We should not have to put up with it either.

You don't. Use a kill file. If you don't, you have only yourself to blame.

It;s much less expensive in the long run than screwing around with everyone's
first amendment rights.

-- Larry

1616. Re: fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 16:46:37 UTC
From: Tony VE6MVP <tony@REMOVEve6mvp.com>
Message-ID: <g327k2pn4k6gd2niqjcql8qugtvooi10s2@4ax.com>
Source record: 50290

On Sat, 28 Oct 2006 16:01:03 GMT, Tony VE6MVP <tony@REMOVEve6mvp.com>
wrote:

>Seems like those fuel canisters are just a bit on the pricey side.

When I run the numbers through I get N-Gen at $1000 and Honda EU1000i
at $790. Close enough for now.

But the fuel is much different. - N-Stor130 is 130 W-h for a cost of
$450. But the Honda fuel consumption is 3.8 hours at rated
continuous duty of 900 watts. Or a 0.6 US gal tank of gas produces
3420 W-h. That's about $2.

So 130 W-h for $450 or 3420 W-h for $2.

Unless you really, really need that absolute quiet of the fuel cell or
have unusual conditions such as the space shuttle then it's a no
brainer to me.

Tony

1617. Re: fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 16:55:38 UTC
From: Tony VE6MVP <tony@REMOVEve6mvp.com>
Message-ID: <9j27k2hs7fcnvctcpkk5fsk9cevjov4at7@4ax.com>
Source record: 50291

On Wed, 25 Oct 2006 21:38:06 -0500, Tom Ring <news0003@taring.org>
wrote:

>There
>are simple modifications to use a boat gas tank (usually about 6
>gallons) with this unit which would make the run time 3 days for most
>emergency amateur use before refill. I would take this as a first
>responder system in a heartbeat.

I can see this setup being particularly useful for repeater sites
during an extended power outage. Any URLs for simple modifications.
I'm real ignorant on this kind of stuff.

Hmmm in the section titled KEEP THE GENERATOR ORIGINAL - "Larger
auxiliary tanks added to the system will create more pressure on the
inlet needle valve which may cause the inlet needle to lose its
ability to regulate the fuel flowing into the carburetor. This may
cause the crankcase engine oil to become diluted with fuel, spark plug
and spark arrestor carbon build-up, and possible external fuel leaks
which may result in fires."

http://www.mayberrys.com/honda/generator/html/safety.htm

Tony

1618. Re: Response to SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 16:59:37 UTC
From: Mark@kb9rqz.aprs
Message-ID: <1p27k2l3881ruhd6pa6dqciqi24e7l48fm@4ax.com>
Source record: 50292
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

On Sat, 28 Oct 2006 15:21:16 GMT, "Roadrunner NNTP"
<noone@nowhere.com> wrote:

>I've had enough of SC in newsgroups!
>
>Please don't answer his flaming posts. I would like for my 14 amateur radio
>operator girl child (who is working on her code) to be able to use
>newsgroups without this abuse. We should not have to put up with it either.
>
as a steady High value target of SC I can tell you he can not realy be
stoped I for one have choosen to accept his abuse in Silence having
come to agree with other in abotht the BLGT and Jewish world that
agree "silence equals death" yes you see more of this clown (and his
allies and sockpuppets since I began a campaign of resisting such
harrassment ghhe has choosen to step up the level with some goal only
he knows (if even he knows what ihis gaol is) I regret that excerising
my duty to myself myself and others like myself from this sort attack
has caused you any inconvence.

OTOH your 14 yo needs tomlearns that the world issoemtimes a hostile
place. I uncourage you to see this as a learning experence and theach
your daughter that there are those that get very upset over
encountering anything or anybody different
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1619. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 17:56:10 UTC
From: Mark@kb9rqz.aprs
Message-ID: <bc67k21qs7a8t3ag4tf5cp9ec703hur3tl@4ax.com>
Source record: 50293
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Sat, 28 Oct 2006 17:50:44 GMT, "Chris"
<daviesc838@nospam.alvillage.net> wrote:

>On Sat, 28 Oct 2006 17:23:46 GMT, Cecil Moore <mycall@hotmail.com> wrote:
>>
>>
>> Chris wrote:
>> > If you've never programmed in assembly language, don't talk to me
>> > about being a real programmer.
>>
>> Real programmers plugged diodes into a matrix to
>> execute their programs.
>
>Nope. That's hardware manipulation,
no that is prgraming indeed it is basis of all prgraming

but you have to try and distrot and twist any line of logic till
bleeds
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1620. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 18:29:58 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <nULCGpQmG6QFFA7d@ifwtech.co.uk>
Source record: 50294

Cecil Moore wrote:
>Ian White GM3SEK wrote:
>> What kind of wire, what kind of insulation, and how much gap between
>>turns? It affects the self-capacitance.
>
>Unfortunately, the spare (75 ohm) coax that I
>have to experiment with came free from the local
>TV cable company and is unmarked. It is ~0.26"
>in diameter with a ~0.04" outer insulation. All
>conductors are aluminum. There is an aluminum foil
>wrapped around the foam insulation under the aluminum
>braid. The choke is fairly close wound with approximately
>3.5 turns per inch.
>
OK, that's close enough to several alternatives such as RG58.

>> I'd like to try that on the VNA, but here in the homeland of
>>porridge, oatmeal boxes are rectangular!
>
>Do you have 2 liter plastic pop bottles available
>there? I'm going to re-do the experiment with one
>of those as a coil form. There's an endless supply
>of those coil forms from the day care center next
>door.

Ours spell "litre" differently but I guess they're the same - 95mm or 3.75in diameter? If plastic bottles from the USA are a different size, I'll go fetch one from our local beach... you'd be amazed at what floats across.

--
73 from Ian GM3SEK 'In Practice' columnist for RadCom (RSGB)
http://www.ifwtech.co.uk/g3sek

1621. Re: 10 meter 11 meter antenna interaction

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 19:16:45 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4543ac9d$0$7629$4fafbaef@reader1.news.tin.it>
Source record: 50295

> I will be adding the 10 meter whip to a 4door Dodge ram pickup.The two
> antennas that are on the truck now are mounted with stake hole mounts (the
> holes in the bed rail behind the driver and passenger)
>
> The 11 meter and the 10 meter rigs will not be on at the same time.
>
> How would you place the antennas to keep the interaction as low as possible
> or use the ineraction in some way.

Why not using a single whip resonating on the CB band and then having a small switch, close to the antenna base, that inserts a capacitor in series which cancels out the inductive reactance that the whip shows on the higher frequency?

Alternately, you may tune the whip in between the CB band and 10.meters (say on 28.000 MHz) and have a switch that inserts a capacitance for 10 meters and an inductance for CB.

73

Tony I0JX

1622. Coax Crimp Tool Recommendation?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 19:41:03 UTC
From: Danny Richardson <n_group@k6mhe.com>
Message-ID: <eec7k2567skgaqf8i9gn7l0ls322c5f49h@4ax.com>
Source record: 50297

Looking for suggestions for a good crimp tool for installing coax connectors. It will primarily for BNC connectors on RG-174, 58 and 59 cables. Although the RG-8 cable family capability would be nice too.

I do wish to avoid being a captive customer in that brand X crimp tool only works well with brand X connectors.

And, of course, looking for the best bank for the buck.

Thanks,

Danny

1623. Re: Coax Crimp Tool Recommendation?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 19:44:36 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <Ro-dnR7I2LS-Lt7YnZ2dnUVZ_o-dnZ2d@comcast.com>
Source record: 50298

Solder??

Danny Richardson wrote:

> Looking for suggestions for a good crimp tool for installing coax
> connectors. It will primarily for BNC connectors on RG-174, 58 and 59
> cables. Although the RG-8 cable family capability would be nice too.
>
> I do wish to avoid being a captive customer in that brand X crimp tool
> only works well with brand X connectors.
>
> And, of course, looking for the best bank for the buck.
>
> Thanks,
>
> Danny

1624. Re: HB9CV 2m Antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 19:56:26 UTC
From: w9gb <spam_protect@arrl.net>
Message-ID: <lYqdnTIjXY0hKN7YnZ2dnUVZ_vWdnZ2d@comcast.com>
Source record: 50299

"mtech" <marin.zorica/REMOVE/@zd.t-com.hr> wrote in message
news:ehtsc4$s8e$1@news1.carnet.hr...
> Hello;
>
> I need checked diagram (assembly / build diagram) of this
> antenna. I want to built up and use with my Alinco DJ-F1 !
>
> Regards,
>
> Marin
>

Marin -

A Google search (http://www.google.com) provided these links !!

HB9CV based antennas:

L.B. Cebik - HB9CV
http://www.cebik.com/phase/hb.html

DX Antenna Tech web site
http://www.dxantech.com/english/antennas.html

3 element
http://www.dxantech.com/english/2hb3.html

8 element
http://www.dxantech.com/english/2hb8.html
Changing element spacing (graphic results)
http://www.dxantech.com/english/elementdist.html

>

1625. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 20:02:48 UTC
From: Mark@kb9rqz.aprs
Message-ID: <npd7k2t41fdh6oalk0jqqoatedm49mmas2@4ax.com>
Source record: 50300
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Sat, 28 Oct 2006 15:32:50 -0500, "A. G. Bell" <anon@anon> wrote:

>
><Mark@kb9rqz.aprs> wrote in message
>news:bc67k21qs7a8t3ag4tf5cp9ec703hur3tl@4ax.com...
>On Sat, 28 Oct 2006 17:50:44 GMT, "Chris"
><daviesc838@nospam.alvillage.net> wrote:
>
>>On Sat, 28 Oct 2006 17:23:46 GMT, Cecil Moore <mycall@hotmail.com> wrote:
>>>
>>>
>>> Chris wrote:
>>> > If you've never programmed in assembly language, don't talk to me
>>> > about being a real programmer.
>>>
>>> Real programmers plugged diodes into a matrix to
>>> execute their programs.
>>
>>Nope. That's hardware manipulation,
>no that is prgraming indeed it is basis of all prgraming
>
>but you have to try and distrot and twist any line of logic till
>bleeds
>......
>
>So, Mark. Besides being a Colonel and a geophysicist, you are now an
>electronics engineer as well?
no never made anysuch claim "Lloyd"

but you stillhave not learn how to quote propely "lloyd"
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1626. hi SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 20:04:24 UTC
From: Mark@kb9rqz.aprs
Message-ID: <1sd7k2lk3cesr6901hsp2bmm1l5o69tfa7@4ax.com>
Source record: 50301
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Sat, 28 Oct 2006 19:51:47 +0000 (UTC), "Chris"
<daviesc838@nospam.alvillage.net> wrote:

>On Sat, 28 Oct 2006 13:56:10 -0400, Mark@kb9rqz.aprs <Mark@kb9rqz.aprs> wrote:
>> On Sat, 28 Oct 2006 17:50:44 GMT, "Chris"
>> <daviesc838@nospam.alvillage.net> wrote:
>>
>> >On Sat, 28 Oct 2006 17:23:46 GMT, Cecil Moore <mycall@hotmail.com> wrote:
>> >>
>> >>
>> >> Chris wrote:
>> >> > If you've never programmed in assembly language, don't talk to me
>> >> > about being a real programmer.
>> >>
>> >> Real programmers plugged diodes into a matrix to
>> >> execute their programs.
>> >>
>> >Nope. That's hardware manipulation,
>> no that is prgraming indeed it is basis of all prgraming
>>
>> but you have to try and distrot and twist any line of logic till
>> bleeds
>
>Not so. The whole idea of SOFT
exactly so you are changing your terms in MID thread
progarming was the subject not hardware vs sogtware

if you ever learned to think youd understand this concept
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1627. Re: Coax Crimp Tool Recommendation?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 20:08:30 UTC
From: RST Engineering <jim@rstengineering.com>
Message-ID: <mLO0h.49$lS.146576@news.sisna.com>
Source record: 50303

Once a month or a thousand times a day? It makes a difference. I do about ten a month, and a plain old automotive crimp terminal tool ($15) works just fine. Some have been in service for ten years with nary a failure. Put a dab of RTV over the crimp and coax, then shrink some sleeving down over RTV, crimp, & coax to make a hermetically sealed connection.

Jim

"Danny Richardson" <n_group@k6mhe.com> wrote in message news:eec7k2567skgaqf8i9gn7l0ls322c5f49h@4ax.com...
> Looking for suggestions for a good crimp tool for installing coax
> connectors. It will primarily for BNC connectors on RG-174, 58 and 59
> cables. Although the RG-8 cable family capability would be nice too.
>
> I do wish to avoid being a captive customer in that brand X crimp tool
> only works well with brand X connectors.
>
> And, of course, looking for the best bank for the buck.
>
> Thanks,
>
> Danny

1628. Re: Cushcraft Antenna Query

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 20:08:52 UTC
From: w9gb <spam_protect@arrl.net>
Message-ID: <2KSdnVMd9-s7Jd7YnZ2dnUVZ_vidnZ2d@comcast.com>
Source record: 50302

"Radiosrfun" <radiosrfun@radiosrfun.com> wrote in message
news:45402f33$0$13803$ecde5a14@news.coretel.net...
> Anyone know what Cushcraft uses in their 2 meter and similar antennas to
> secure the lower end into their base? It "appears" to be a white
> substance. Lots of hot melt glue?
>
> The substance gave way on an antenna I have here and I'd like to repair
> it.
>
> Thanks!

Cushcraft did use fiberglass for a number of years. Delrin is used by other
antenna mfg.

I have seen oil impregnated nylons used for some large verticals.

gb

1629. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 20:32:50 UTC
From: "A. G. Bell" <anon@anon>
Message-ID: <dt0nb.99l.17.1@news.alt.net>
Source record: 50296
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

<Mark@kb9rqz.aprs> wrote in message
news:bc67k21qs7a8t3ag4tf5cp9ec703hur3tl@4ax.com...
On Sat, 28 Oct 2006 17:50:44 GMT, "Chris"
<daviesc838@nospam.alvillage.net> wrote:

>On Sat, 28 Oct 2006 17:23:46 GMT, Cecil Moore <mycall@hotmail.com> wrote:
>>
>>
>> Chris wrote:
>> > If you've never programmed in assembly language, don't talk to me
>> > about being a real programmer.
>>
>> Real programmers plugged diodes into a matrix to
>> execute their programs.
>
>Nope. That's hardware manipulation,
no that is prgraming indeed it is basis of all prgraming

but you have to try and distrot and twist any line of logic till
bleeds
......

So, Mark. Besides being a Colonel and a geophysicist, you are now an
electronics engineer as well?

1630. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 21:02:46 UTC
From: Walter Maxwell <walt@w2du.com>
Message-ID: <i8h7k21q69oslqg2kbprdfn262e3tqhs10@4ax.com>
Source record: 50304

On Fri, 27 Oct 2006 23:52:03 GMT, Cecil Moore <mycall@hotmail.com> wrote:

>Owen Duffy wrote:
>> Those models also reveal the standing wave nature of the common mode
>> feedline current, and the futility of taking a current probe
>> measurement at a single location to infer any more than the current at
>> that specific location (if that was important).
>
>In fact, the common-mode currents on the feedline
>turn the feedline into a standing-wave antenna.
>I suspect that's how an Isotron antenna works.

For what it's worth, the following is the method I used in developing the W2DU current balun in 1981, that was published in QST, March 1983.

I wanted the balun to cover 80 thru 20m. I considered the worst case situation would be on 80 m with the dipole cut to resonate at mid band, 3.75 MHz. Measured impedance of my dipole centered at 3.75 MHz yielded a terminal impedance of 53 - j122 ohms at 3.50 MHz, for an impedance magnitude of 133 ohms at 66.5 degrees.

We must consider that the center conductor of the coax feed line connects to one half of the dipole, and the outer conductor to the other half of the dipole. Therefore, the outer conductor sees only one half of the total terminal impedance of the dipole, 66.5 ohms. I then considered that the choking impedance of the balun should be no less that 10 times the half-dipole impedance over the entire frequency range from 80 through 20m.

Fifty No. 73 beads satisfied that requirement with lots of margin to spare, right down to the top end of the 160m band at 2.0 MHz. Reference to Fig 21-3, Chapter 21 in Reflections shows the impedance to common mode current on the coaxial feed line throughout the designated portion of the spectrum. Fig 21-3 can be downloaded from my web page at www.w2du.com by selecting Chapter 21 from the menu.

Walt, W2DU

1631. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 21:37:14 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12k7jc9fvsm3l2d@corp.supernews.com>
Source record: 50305
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Mark@kb9rqz.aprs wrote:
> On Sat, 28 Oct 2006 17:50:44 GMT, "Chris"
> <daviesc838@nospam.alvillage.net> wrote:
>
>
>>On Sat, 28 Oct 2006 17:23:46 GMT, Cecil Moore <mycall@hotmail.com> wrote:
>>
>>>
>>>Chris wrote:
>>>
>>>>If you've never programmed in assembly language, don't talk to me
>>>>about being a real programmer.
>>>
>>>Real programmers plugged diodes into a matrix to
>>>execute their programs.
>>
>>Nope. That's hardware manipulation,
>
> no that is prgraming indeed it is basis of all prgraming
>
> but you have to try and distrot and twist any line of logic till
> bleeds
> http://kb9rqz.blogspot.com/
>

If you want to get into esoteric terms consider:

The man who uses a plotting board to calculate artillery elevations and
azimuths is called a "COMPUTER".

Dave N

1632. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 21:43:51 UTC
From: Mark@kb9rqz.aprs
Message-ID: <emj7k2hl2m9bds3apmvg53m1t0agif9jdc@4ax.com>
Source record: 50306
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Sat, 28 Oct 2006 16:37:14 -0500, "David G. Nagel" <nagel@core.com>
wrote:

>Mark@kb9rqz.aprs wrote:
>> On Sat, 28 Oct 2006 17:50:44 GMT, "Chris"
>> <daviesc838@nospam.alvillage.net> wrote:
>>
>>
>>>On Sat, 28 Oct 2006 17:23:46 GMT, Cecil Moore <mycall@hotmail.com> wrote:
>>>
>>>>
>>>>Chris wrote:
>>>>
>>>>>If you've never programmed in assembly language, don't talk to me
>>>>>about being a real programmer.
>>>>
>>>>Real programmers plugged diodes into a matrix to
>>>>execute their programs.
>>>
>>>Nope. That's hardware manipulation,
>>
>> no that is prgraming indeed it is basis of all prgraming
>>
>> but you have to try and distrot and twist any line of logic till
>> bleeds
>> http://kb9rqz.blogspot.com/
>>
>
>If you want to get into esoteric terms consider:
>
>The man who uses a plotting board to calculate artillery elevations and
>azimuths is called a "COMPUTER".
indeed he his

but programing a device is clearly the work of a programer "lloyd" is
trying to play games by switching the word Program out for software

as you have helped to prove the terms are not synonyms
>
>
>Dave N
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1633. Re: Coax Crimp Tool Recommendation?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 21:59:29 UTC
From: w9gb <spam_protect@arrl.net>
Message-ID: <5Kadna2RiPkiT97YnZ2dnUVZ_uydnZ2d@comcast.com>
Source record: 50307

"Danny Richardson" <n_group@k6mhe.com> wrote in message
news:eec7k2567skgaqf8i9gn7l0ls322c5f49h@4ax.com...
> Looking for suggestions for a good crimp tool for installing coax
> connectors. It will primarily for BNC connectors on RG-174, 58 and 59
> cables. Although the RG-8 cable family capability would be nice too.
>
> I do wish to avoid being a captive customer in that brand X crimp tool
> only works well with brand X connectors.
>
> And, of course, looking for the best bank for the buck.
>
> Thanks,
>
> Danny

IF, 75 ohm BNC is okay .....for your specific application ...
then I would seriously consider the Snap-N-Seal (20.3mm) or Stirling
(19.3mm) compression connectors and tools. Note the size difference. USA
CATV operators seem to have adopted one of these 2 approaches nationally.

Connectors are available as BNC, F, RCA.
https://www.tselectronic.com/thomandbetts/sns6bnc.html

https://www.tselectronic.com/thomandbetts/sns1p6rmx.html

Supported RG-59/U; RG-6/U (various shield versions) and RG-11/U
https://www.tselectronic.com/thomandbetts/sns.html

1634. Re: It was a mistake for the ITU to eliminate the CW requirement.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 22:07:43 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <PwQ0h.2014$s6.671@newssvr11.news.prodigy.com>
Source record: 50308
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Chris wrote:
> ... machines like the IBM 650 were
> considered to be a waste of valuable man hours to set up, ...

Blasphemy! The IBM 650 was the first computer
I ever programmed - in 1958 at Texas A&M.
Bi-Quinary (like an abacus) with a magnetic drum
and tons of air-conditioning to cool the hundreds
of dual triodes.
--
73, Cecil http://www.w5dxp.com

1635. Re: Hf Antenna Question - so what's the conclusion?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 22:13:24 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <8CQ0h.2015$s6.1367@newssvr11.news.prodigy.com>
Source record: 50309

Ian White GM3SEK wrote:
> Ours spell "litre" differently but I guess they're the same - 95mm or
> 3.75in diameter? If plastic bottles from the USA are a different size,

Our 2L bottles are very close to 4 inches in diameter
with about 6 inches of effective winding length. They
are very popular here for these kinds of chokes. I
just put 20 turns on one. The GDO says parallel resonance
is 14 MHz and series resonance is 28 MHz. 20 turns on
20m on a 2L pop bottle is what my rule-of-thumb says.
--
73, Cecil http://www.w5dxp.com

1636. Re: Any interesting antenna projects?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-28 22:28:21 UTC
From: John - KD5YI <groups6remove@verizon.net>
Message-ID: <9QQ0h.2381$Wy6.1803@trnddc01>
Source record: 50310

"Rick" <ricknj10@hotmail.com> wrote in message
news:45424f62.23534796@news.optonline.net...
> In the spirit of trying to get something going on the subject of
> antennas, and away from all the off topic posts......
>
> Are you doing anything interesting with antennas? Putting anything up
> new for the contest season? Learn something new that the rest of us
> might benefit from hearing about, even if it isn't patentable?
>
> For me, I have become interested in rhombics and am currently building
> one. It was based on the one featured in the ARRL Antenna Book, which
> is 377 feet long (right down the middle) and 210 feet on each side.
> 210 feet is 3 wavelengths on 20 meters. So far I have learned a
> little about the rhombic. It can be built as a terminated rhombic or
> a "resonant" rhombic. In the case of a terminated rhombic, you
> install a 600 ohm resistor at the far end, and that absorbs the power
> that would otherwise be radiated off the back, making the antenna
> uni-directional. Another advantage is, the feedpoint Z is
> approximately flat and equal to 600 ohms across a huge frequency
> range. So the antenna has gain and lots of it, at least over the
> range of 20-10 meters and everything in between! If you don't
> terminate it, it works the same way in the forward direction but has
> no front to back. And the impedance varies all over the place. But
> does anyone have a 600 ohm resistor they could supply me with? 300
> watts or so? Noninductive.
>
> So getting down to practical details, here's some of my experiences so
> far. Copper wire has gotten very expensive. #14 stranded down at the
> local Depot store is now 8 cents a foot, #12 is 14 cents. That adds
> up fast when you need 840 feet of the stuff. So I managed to find a
> roll at 900 ft on eBay for about 60% of that and got it. Now the
> problem with #14 is it sags. Well maybe not, maybe it is the rope
> holding the end up, it is very hard to pull up 200 feet of wire and
> get it to where it doesn't look like the suspension cables on the
> Verrazano bridge.
>
> Ok so now how to get the rope up high enough in the oak to make it
> useful? Bought a slingshot. For-get-it. I tried bolts, nuts,
> fishing weights, etc, can't get the damn thing with fishing line to
> get over 16 feet and most of the time it tangled the line and
> sometimes actually ended up behind me. Crosman Slignshot for sale,
> $25 shipped to your door. Here's what works for 25 feet.... get xyl
> to climb a ladder in the back of the pickup parked beside the tree.
> She takes a tennis ball with light dacron rope taped to it and throws

> over the branch while I shout encouragement from below. It works.
> (oh, by the way, xyl is KC2PRW). That's the good news, the bad news
> is 25 feet ain't high enough, with the sag problem mentioned above.
> Next, get bow and arrow from neighbor, yeahhhhh !! that works. Now
> got line over 35 feet, that's decent. Same success on 2nd tree. Now
> got the feedpoint tree and one of the corner trees with nice lines up
> 35 feet. Now pull up the wire and notice that the smallest little
> friggin branch in the oak trees will snag the #14, so get the ladder
> and trim off dozens of those little suckers. So that's where we are
> at the moment. I figure about 50% done. Now the question is, will it
> work?
>
> I found (google can find anything) a great circle bearing program that
> told me to point it 47 degrees which, from New Jersey puts me right
> over London and down into central Germany. Look out DLs. According
> to my antenna modeling program it will have 14 dbi gain and a 3 db
> beamwidth of 20 degrees. Man that is sharp, much sharper than any 3
> element beam. What's with these dbi's ? For comparison, a 3 ele beam
> at 70 ft will have 12 dbi gain. The rhombic at 30 ft has its main
> beam at about 22-25 degrees elevation. I sure wish I could get it up
> to 70 ft, but there's no chance.
>
> So now I have to get two more trees rigged with ropes and then get
> down to the business of feeding the monster. I will be using balanced
> ladder line to a homebrew tuner which I haven't built yet.
>
> If I get any positive feedback on this post I will continue with my
> progress and maybe even provide some on-air results in a week or so.
>
> So that's my story. What are you working on?
>
> Rick K2XT

I'm not working on anything at the moment, Rick. But, your post is the best I've seen in quite a while and it makes me want to get up off my butt and do something. Thanks for that!

I look forward to more info on your project.
73,
John

1637. Re: I don't remember horse and buggy, outhouses, or churning butter

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 00:06:58 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <CgS0h.723$LI4.707@newsread2.news.pas.earthlink.net>
Source record: 50311
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna

Cecil Moore <mycall@hotmail.com> wrote in
news:ZJx0h.22426$e66.13357@newssvr13.news.prodigy.com:

> Slow Code wrote:
>> Right, and why homebrew anymore when you can call HRO or AES and buy
>> your appliance off the shelf.
>
> Can you hombrew an ICOM IC-756PRO?

:)

That's overkill if all you need to do is some CW.

SC

1638. Re: Response to SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 00:07:14 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <SgS0h.730$LI4.24@newsread2.news.pas.earthlink.net>
Source record: 50312
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

"Roadrunner NNTP" <noone@nowhere.com> wrote in
news:MzK0h.33021$ta3.31232@tornado.texas.rr.com:

> I've had enough of SC in newsgroups!
>
> Please don't answer his flaming posts. I would like for my 14 amateur
> radio operator girl child (who is working on her code) to be able to use
> newsgroups without this abuse. We should not have to put up with it
> either.
>
> Copy and forward the following to abuse@earthlink.net. They should be
> able to identify him from the headers and their logs.
>
>
> Dear Earthlink Abuse . . .
>
>
>
> Please get this clown off of usenet. There are several hobby groups
> where he posts regularly his inflammatory material, often with
> profanities. Our kids who are in the hobby certainly don't need to be
> exposed to this stuff.
>
>
>
> Thanks.
>
>
>
> Long time internet user and parent.
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>

>
>
> Path:
> be1.texas.rr.com!cyclone.austin.rr.com!news.rr.com!border2.nntp.dca.gigan
> ews.com!border1.nntp.dca.giganews.com!nntp.giganews.com!newshub.sdsu.edu!
> elnk-nf2-pas!newsfeed.earthlink.net!stamper.news.pas.earthlink.net!newsre
> ad2.news.pas.earthlink.net.POSTED!3dd4ce4a!not-for-mail
>
> Newsgroups:
> rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.
> radio.swap
>
> Subject: Stamp collecting doesn't require taking a code test.
>
> From: Slow Code <my.mail@no.spam>
>
> Organization: None
>
> User-Agent: Xnews/5.04.25
>
> Lines: 3
>
> Message-ID: <Xwx0h.349$LI4.140@newsread2.news.pas.earthlink.net>
>
> Date: Sat, 28 Oct 2006 00:30:47 GMT
>
> NNTP-Posting-Host: 4.227.154.108
>
> X-Complaints-To: abuse@earthlink.net
>
> X-Trace: newsread2.news.pas.earthlink.net 1161995447 4.227.154.108 (Fri,
> 27 Oct 2006 17:30:47 PDT)
>
> NNTP-Posting-Date: Fri, 27 Oct 2006 17:30:47 PDT
>
> Xref: be1.texas.rr.com rec.radio.amateur.antenna:257939
> rec.radio.amateur.policy:343886 rec.radio.scanner:266398
> rec.radio.swap:457098
>
>
>
> Maybe you people could try stamp collecting.
>
>
>
> SC
>
>
>
>

>
> Path:
> be1.texas.rr.com!cyclone.austin.rr.com!news.rr.com!border2.nntp.dca.gigan
> ews.com!nntp.giganews.com!nntp1.phx1.gblx.net!nntp.gblx.net!nntp.gblx.net
> !newsfeed.news2me.com!newshub.sdsu.edu!elnk-nf2-pas!newsfeed.earthlink.ne
> t!stamper.news.pas.earthlink.net!newsread2.news.pas.earthlink.net.POSTED!
> 3dd4ce4a!not-for-mail
>
> Newsgroups:
> rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap
>
> Subject: VE's should be allowed to use a cattle prod to make people take
> a code test.
>
> From: Slow Code <my.mail@no.spam>
>
> Organization: None
>
> User-Agent: Xnews/5.04.25
>
> Lines: 5
>
> Message-ID: <D6c0h.19671$UG4.17151@newsread2.news.pas.earthlink.net>
>
> Date: Fri, 27 Oct 2006 00:09:07 GMT
>
> NNTP-Posting-Host: 4.254.227.60
>
> X-Complaints-To: abuse@earthlink.net
>
> X-Trace: newsread2.news.pas.earthlink.net 1161907747 4.254.227.60 (Thu,
> 26 Oct 2006 17:09:07 PDT)
>
> NNTP-Posting-Date: Thu, 26 Oct 2006 17:09:07 PDT
>
> Xref: be1.texas.rr.com rec.radio.amateur.antenna:257845
> rec.radio.amateur.policy:343742 rec.radio.swap:457040
>
>
>
> And if they fail the code test they get zapped again.
>
>
>
> Bringing back 'spark' will be good for ham radio.
>
>
>
>
>
>

> Path:
> be1.texas.rr.com!news-wrt-01.tampabay.rr.com!news-wrt-01.southeast.rr.com
> !news-feed-01.southeast.rr.com!news.rr.com!cycny01.gnilink.net!peer01.wes
> t.cox.net!cox.net!newscon02.news.prodigy.net!prodigy.net!border1.nntp.dca
> .giganews.com!nntp.giganews.com!postnews.google.com!news4.google.com!news
> hub.sdsu.edu!elnk-nf2-pas!newsfeed.earthlink.net!stamper.news.pas.earthli
> nk.net!newsread2.news.pas.earthlink.net.POSTED!3dd4ce4a!not-for-mail
>
> Newsgroups:
> rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap
>
> Subject: Re: I don't remember horse and buggy, outhouses, or churning
> butter
>
> From: Slow Code <my.mail@no.spam>
>
> References: <gUx%g.12447$Lv3.2784@newsread1.news.pas.earthlink.net>
> <1161746253.858141.126300@m73g2000cwd.googlegroups.com>
> <5e980$453f9e94$45011502$31488@KNOLOGY.NET>
>
> Organization: None
>
> User-Agent: Xnews/5.04.25
>
> Lines: 23
>
> Message-ID: <OLS%g.19218$UG4.1065@newsread2.news.pas.earthlink.net>
>
> Date: Wed, 25 Oct 2006 23:51:10 GMT
>
> NNTP-Posting-Host: 4.227.154.38
>
> X-Complaints-To: abuse@earthlink.net
>
> X-Trace: newsread2.news.pas.earthlink.net 1161820270 4.227.154.38 (Wed,
> 25 Oct 2006 16:51:10 PDT)
>
> NNTP-Posting-Date: Wed, 25 Oct 2006 16:51:10 PDT
>
> Xref: be1.texas.rr.com rec.radio.amateur.policy:343846
> rec.radio.amateur.antenna:257917 rec.radio.swap:457083
>
>
>
> lazy ass Mike "amdx" <amdx@knology.net> wrote in
>
> news:5e980$453f9e94$45011502$31488@KNOLOGY.NET:
>
>>
>

>>> Slow Code wrote:
>
>>
>
>>>> New hams just don't appreciate things anymore.
>
>>
>
>> I don't remember,
>
>> cutting wood for winter, foraging the woods for berries,
>
>> turning the crank on a model T, building a spear to kill a deer,
>
>> washing my clothes in the river, making candles to light the night.
>
>> And I do appreciate that I don't have to do these things anymore.
>
>> Mike
>
>
>
>
>
> Right, and why homebrew anymore when you can call HRO or AES and buy
> your
>
> appliance off the shelf.
>
>
>
>
>
> 73,
>
> Back to my CW and projects.
>
>
>
> SC
>
>
>
> SC
>
>
>
>
>
> Path:

> be1.texas.rr.com!news-wrt-01.tampabay.rr.com!news-wrt-01.southeast.rr.com
> !news-feed-01.southeast.rr.com!news.rr.com!cycny01.gnilink.net!peer01.wes
> t.cox.net!cox.net!newscon02.news.prodigy.net!prodigy.net!border1.nntp.dca
> .giganews.com!nntp.giganews.com!postnews.google.com!news4.google.com!news
> hub.sdsu.edu!elnk-nf2-pas!newsfeed.earthlink.net!stamper.news.pas.earthli
> nk.net!newsread2.news.pas.earthlink.net.POSTED!3dd4ce4a!not-for-mail
>
> Newsgroups:
> rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap
>
> Subject: Re: I don't remember horse and buggy, outhouses, or churning
> butter
>
> From: Slow Code <my.mail@no.spam>
>
> References: <gUx%g.12447$Lv3.2784@newsread1.news.pas.earthlink.net>
> <1161746253.858141.126300@m73g2000cwd.googlegroups.com>
> <5e980$453f9e94$45011502$31488@KNOLOGY.NET>
>
> Organization: None
>
> User-Agent: Xnews/5.04.25
>
> Lines: 23
>
> Message-ID: <OLS%g.19218$UG4.1065@newsread2.news.pas.earthlink.net>
>
> Date: Wed, 25 Oct 2006 23:51:10 GMT
>
> NNTP-Posting-Host: 4.227.154.38
>
> X-Complaints-To: abuse@earthlink.net
>
> X-Trace: newsread2.news.pas.earthlink.net 1161820270 4.227.154.38 (Wed,
> 25 Oct 2006 16:51:10 PDT)
>
> NNTP-Posting-Date: Wed, 25 Oct 2006 16:51:10 PDT
>
> Xref: be1.texas.rr.com rec.radio.amateur.policy:343846
> rec.radio.amateur.antenna:257917 rec.radio.swap:457083
>
>
>
> lazy ass Mike "amdx" <amdx@knology.net> wrote in
>
> news:5e980$453f9e94$45011502$31488@KNOLOGY.NET:
>
>>
>
>>> Slow Code wrote:

>
>>
>
>>>> New hams just don't appreciate things anymore.
>
>>
>
>> I don't remember,
>
>> cutting wood for winter, foraging the woods for berries,
>
>> turning the crank on a model T, building a spear to kill a deer,
>
>> washing my clothes in the river, making candles to light the night.
>
>> And I do appreciate that I don't have to do these things anymore.
>
>> Mike
>
>
>
>
>
> Right, and why homebrew anymore when you can call HRO or AES and buy
> your
>
> appliance off the shelf.
>
>
>
>
>
> 73,
>
> Back to my CW and projects.
>
>
>
> SC
>
>
>
>
>
> Path:
> be1.texas.rr.com!cyclone.austin.rr.com!news.rr.com!border2.nntp.dca.gigan
> ews.com!nntp.giganews.com!news.maxwell.syr.edu!elnk-pas-nf1!newsfeed.eart
> hlink.net!stamper.news.pas.earthlink.net!newsread2.news.pas.earthlink.net
> .POSTED!3dd4ce4a!not-for-mail
>

> Newsgroups:
> rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.rad
> io.shortwave
>
> Subject: Re: Is the code requirement really keeping good people out of
> ham radio?
>
> From: Slow Code <my.mail@no.spam>
>
> References: <1158527339.352992.28170@i42g2000cwa.googlegroups.com>
> <bhGPg.9337$v%4.106@newsread1.news.pas.earthlink.net>
> <c3iug29tid5kod1f1olqktlvn5kkicgg7j@4ax.com> <450FE04F.7060501@fuse.net>
> <ia79h21f1uhjc1pd68ud3j86nbmlnemdvi@4ax.com>
> <b3_Rg.1384$Y24.335@newsread4.news.pas.earthlink.net>
> <ltvgh21b35rlg7smc8o5n2509m34afg1pk@4ax.com>
> <HJednVoOhasYvYTYnZ2dnUVZ_uudnZ2d@comcast.com>
> <1161835676.853678.129230@i3g2000cwc.googlegroups.com>
> <n1g0k2h8kugbpj65vjk8fc96uk5hsl70k8@4ax.com>
>
> Organization: None
>
> User-Agent: Xnews/5.04.25
>
> Lines: 14
>
> Message-ID: <76c0h.19656$UG4.15739@newsread2.news.pas.earthlink.net>
>
> Date: Fri, 27 Oct 2006 00:08:35 GMT
>
> NNTP-Posting-Host: 4.254.227.60
>
> X-Complaints-To: abuse@earthlink.net
>
> X-Trace: newsread2.news.pas.earthlink.net 1161907715 4.254.227.60 (Thu,
> 26 Oct 2006 17:08:35 PDT)
>
> NNTP-Posting-Date: Thu, 26 Oct 2006 17:08:35 PDT
>
> Xref: be1.texas.rr.com rec.radio.amateur.antenna:257842
> rec.radio.amateur.policy:343730 rec.radio.swap:457038
> rec.radio.shortwave:537344
>
>
>
> Opus- <jbuchy@shaw.ca> wrote in
>
> news:n1g0k2h8kugbpj65vjk8fc96uk5hsl70k8@4ax.com:
>
>
>

>> Don't you have some offs to fuck?
>
>>
>
>
>
>
>
> Why do no-coders always break down in the middle of an argument and
> start
>
> spewing profanities? I just don't understand it. It must be do to
> their
>
> limited mental abilities.
>
>
>
> Opus being a Cannuk probably doesn't help either.
>
>
>
> SC
>
>
>
>
>
> Path:
> be1.texas.rr.com!cyclone.austin.rr.com!news.rr.com!border2.nntp.dca.gigan
> ews.com!border1.nntp.dca.giganews.com!nntp.giganews.com!newshub.sdsu.edu!
> elnk-nf2-pas!newsfeed.earthlink.net!stamper.news.pas.earthlink.net!newsre
> ad2.news.pas.earthlink.net.POSTED!3dd4ce4a!not-for-mail
>
> Newsgroups:
> rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.poli
> cy
>
> Subject: If you had to learn morse code for a ham license would you stay
> on CB?
>
> From: Slow Code <my.mail@no.spam>
>
> Organization: None
>
> User-Agent: Xnews/5.04.25
>
> Lines: 8
>
> Message-ID: <Lwx0h.339$LI4.180@newsread2.news.pas.earthlink.net>

>
> Date: Sat, 28 Oct 2006 00:30:35 GMT
>
> NNTP-Posting-Host: 4.227.154.108
>
> X-Complaints-To: abuse@earthlink.net
>
> X-Trace: newsread2.news.pas.earthlink.net 1161995435 4.227.154.108 (Fri,
> 27 Oct 2006 17:30:35 PDT)
>
> NNTP-Posting-Date: Fri, 27 Oct 2006 17:30:35 PDT
>
> Xref: be1.texas.rr.com rec.radio.amateur.equipment:209077
> rec.radio.amateur.misc:299083 rec.radio.amateur.policy:343877
>
>
>
>
>
> 5wpm ain't really learning it. I can fart 5 wpm.
>
>
>
> Lets kick the requirement up there to between 13 and 20 wpm for all
>
> classes. And no-codes that haven't passed it after a year get booted
> which
>
> will help clean up the repeaters.
>
>
>
> SC
>
>
>
>
>
>
> m.News. EarthLink Members should use their best judgment when posting to
> any newsgroup. Many groups have charters, published guidelines, FAQs, or
> "community standards" describing what is and is not considered
> appropriate. Usenet can be a valuable resource if used properly. The
> continued posting of off-topic articles is prohibited. Commercial
> advertisements are off-topic in most newsgroups, especially regional
> groups not specifically named for such. The presence of such articles in
> a group is not indicative of the group's "intended" use. Please
> familiarize yourself with basic Usenet netiquette before posting to a
> newsgroup.
>
> EarthLink considers "multiposting" to 10 or more groups within a two

> week sliding window to be excessive. EarthLink servers currently limit
> the number of allowable "cross-posts" to 9.
>
> EarthLink Members may not cancel messages other than their own messages.
> A Member may cancel posts forged in that Member's name. We may cancel
> any postings which violate this AUP.

Whaaaaaaaaaaa!!

Have you ever sat on the toilet and tried to fart your callsign in
morse code?

You're so wound up, I bet you could fart your call at a nearly
perfect 1000Hz square wave.

SC

1639. Re: I don't remember horse and buggy, outhouses, or churning butter

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 00:13:53 UTC
From: Mark@kb9rqz.aprs
Message-ID: <bhs7k29kjkrtp2en4id92nosnnq6jvstrl@4ax.com>
Source record: 50313
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna

On Sun, 29 Oct 2006 00:06:58 GMT, Slow Code <my.mail@no.spam> wrote:

>Cecil Moore <mycall@hotmail.com> wrote in
>news:ZJx0h.22426$e66.13357@newssvr13.news.prodigy.com:
>
>> Slow Code wrote:
>>> Right, and why homebrew anymore when you can call HRO or AES and buy
>>> your appliance off the shelf.
>>
>> Can you hombrew an ICOM IC-756PRO?
>
>
> :)
>
>That's overkill if all you need to do is some CW.
well still no sign you can hombrew anything
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1640. Re: Response to SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 00:21:49 UTC
From: Mark@kb9rqz.aprs
Message-ID: <nus7k29pdmqeg8vroukcjmba8ifemqcsi5@4ax.com>
Source record: 50314
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

On Sun, 29 Oct 2006 00:07:14 GMT, Slow Code <my.mail@no.spam> wrote:

>"Roadrunner NNTP" <noone@nowhere.com> wrote in
>news:MzK0h.33021$ta3.31232@tornado.texas.rr.com:
>
>> I've had enough of SC in newsgroups!
>>
>> Please don't answer his flaming posts. I would like for my 14 amateur
>> radio operator girl child (who is working on her code) to be able to use
>> newsgroups without this abuse. We should not have to put up with it

>> EarthLink Members may not cancel messages other than their own messages.
>> A Member may cancel posts forged in that Member's name. We may cancel
>> any postings which violate this AUP.
>
>
>Whaaaaaaaaaaaa!!
that is right sociopath rules don't apply to you
>
>
>Have you ever sat on the toilet and tried to fart your callsign in
>morse code?
get some thrapy
>
>You're so wound up, I bet you could fart your call at a nearly
>perfect 1000Hz square wave.
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1641. Re: Any interesting antenna projects?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 00:28:47 UTC
From: Charlie <charlie@ease.biz>
Message-ID: <12k7teclmra5abd@corp.supernews.com>
Source record: 50315

I have modified my Hustler 5-BTV by adding 12m and 17M - all homebrew for
about $10 1 antenna = 7 bands

1. http://www.ad5th.com/5-BTV-WARC.html

--

73,Charlie-AD5TH
www.ad5th.com

"John - KD5YI" <groups6remove@verizon.net> wrote in message
news:9QQ0h.2381$Wy6.1803@trnddc01...
> "Rick" <ricknj10@hotmail.com> wrote in message
> news:45424f62.23534796@news.optonline.net...
>> In the spirit of trying to get something going on the subject of
>> antennas, and away from all the off topic posts......
>>
>> Are you doing anything interesting with antennas? Putting anything up
>> new for the contest season? Learn something new that the rest of us
>> might benefit from hearing about, even if it isn't patentable?
>>
>> For me, I have become interested in rhombics and am currently building
>> one. It was based on the one featured in the ARRL Antenna Book, which
>> is 377 feet long (right down the middle) and 210 feet on each side.
>> 210 feet is 3 wavelengths on 20 meters. So far I have learned a
>> little about the rhombic. It can be built as a terminated rhombic or
>> a "resonant" rhombic. In the case of a terminated rhombic, you
>> install a 600 ohm resistor at the far end, and that absorbs the power
>> that would otherwise be radiated off the back, making the antenna
>> uni-directional. Another advantage is, the feedpoint Z is
>> approximately flat and equal to 600 ohms across a huge frequency
>> range. So the antenna has gain and lots of it, at least over the
>> range of 20-10 meters and everything in between! If you don't
>> terminate it, it works the same way in the forward direction but has
>> no front to back. And the impedance varies all over the place. But
>> does anyone have a 600 ohm resistor they could supply me with? 300
>> watts or so? Noninductive.
>>
>> So getting down to practical details, here's some of my experiences so
>> far. Copper wire has gotten very expensive. #14 stranded down at the
>> local Depot store is now 8 cents a foot, #12 is 14 cents. That adds
>> up fast when you need 840 feet of the stuff. So I managed to find a
>> roll at 900 ft on eBay for about 60% of that and got it. Now the
>> problem with #14 is it sags. Well maybe not, maybe it is the rope
>> holding the end up, it is very hard to pull up 200 feet of wire and

>> get it to where it doesn't look like the suspension cables on the
>> Verrazano bridge.
>>
>> Ok so now how to get the rope up high enough in the oak to make it
>> useful? Bought a slingshot. For-get-it. I tried bolts, nuts,
>> fishing weights, etc, can't get the damn thing with fishing line to
>> get over 16 feet and most of the time it tangled the line and
>> sometimes actually ended up behind me. Crosman Slignshot for sale,
>> $25 shipped to your door. Here's what works for 25 feet.... get xyl
>> to climb a ladder in the back of the pickup parked beside the tree.
>> She takes a tennis ball with light dacron rope taped to it and throws
>> over the branch while I shout encouragement from below. It works.
>> (oh, by the way, xyl is KC2PRW). That's the good news, the bad news
>> is 25 feet ain't high enough, with the sag problem mentioned above.
>> Next, get bow and arrow from neighbor, yeahhhhh !! that works. Now
>> got line over 35 feet, that's decent. Same success on 2nd tree. Now
>> got the feedpoint tree and one of the corner trees with nice lines up
>> 35 feet. Now pull up the wire and notice that the smallest little
>> friggin branch in the oak trees will snag the #14, so get the ladder
>> and trim off dozens of those little suckers. So that's where we are
>> at the moment. I figure about 50% done. Now the question is, will it
>> work?
>>
>> I found (google can find anything) a great circle bearing program that
>> told me to point it 47 degrees which, from New Jersey puts me right
>> over London and down into central Germany. Look out DLs. According
>> to my antenna modeling program it will have 14 dbi gain and a 3 db
>> beamwidth of 20 degrees. Man that is sharp, much sharper than any 3
>> element beam. What's with these dbi's ? For comparison, a 3 ele beam
>> at 70 ft will have 12 dbi gain. The rhombic at 30 ft has its main
>> beam at about 22-25 degrees elevation. I sure wish I could get it up
>> to 70 ft, but there's no chance.
>>
>> So now I have to get two more trees rigged with ropes and then get
>> down to the business of feeding the monster. I will be using balanced
>> ladder line to a homebrew tuner which I haven't built yet.
>>
>> If I get any positive feedback on this post I will continue with my
>> progress and maybe even provide some on-air results in a week or so.
>>
>> So that's my story. What are you working on?
>>
>> Rick K2XT
>
> I'm not working on anything at the moment, Rick. But, your post is the
> best I've seen in quite a while and it makes me want to get up off my butt
> and do something. Thanks for that!
>
> I look forward to more info on your project.
> 73,

> John
>

1642. Re: 10 meter mobile antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 00:58:48 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <S2T0h.10664$Fd7.2460@bignews6.bellsouth.net>
Source record: 50316

"Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in message
news:JFU_g.14964$vK.4170@tornado.southeast.rr.com...
>I just bought a 10 meter mobile rig (25 watt old radio shack rig).
>
> I was planing on cutting down a 102" CB whip to 10 meter band.
>
> Anyone know of any type of antenna that would work better?
>
> Thanks
> Joe
> KI4ILB
>
>

A 1/8wl antenna mounted in the center of your roof will probably work better
than the 1/4 lambda antenna on the bumper.

1643. Re: Timewave ANC-4 question!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 01:31:23 UTC
From: Sun Tzu <Sun_Tzu@war_what_does_it_mean.org>
Message-ID: <EqWdnc8Ou_tTnNnYnZ2dnUVZ_qWdnZ2d@hawaiiantel.net>
Source record: 50317

Jan Simons PA0SIM wrote:

>
> "Sun Tzu" <Sun_Tzu@war_what_does_it_mean.org> schreef in bericht
> news:ruCdnermL6SEDd_YnZ2dnUVZ_uydnZ2d@hawaiiantel.net...
>> Jan Simons PA0SIM wrote:
>>
>>>
>>> "Sun Tzu" <Sun_Tzu@war_what_does_it_mean.org> schreef in bericht
>>> news:w5-dnVL2zLnRAdzYnZ2dnUVZ_vGdnZ2d@hawaiiantel.net...
>>>> Jan Simons PA0SIM wrote:
>>>>
>>>>> Reading the schematics it is possible that the ANC-4 does not
>>>>> fully cover the 360 degrees phase shift, just like the MFJ-1025.
>>>>> But it is also possible that you experience more than one noise
>>>>> source on 75 mtrs. A noise canceller (with two inputs/antennas)
>>>>> can cancel only one noise source.
>>>>>
>>>>> I have written about noise cancelling on my site, e.g.:
>>>>> http://www.pa0sim.nl/Phaser%2080%20-%2010%20meters.htm
>>>>> May be it can help.
>>>>>
>>>>> 73 es gl de Jan PA0SIM
>>>>
>>>>
>>>> Nice website, have you considered modifying the existing units (MFJ &
>>>> ANC)
>>>> to do what you have shown? Your idea would make either of these 2 units
>>>> much
>>>> better.
>>>>
>>>> By the way, I took the sense antenna which is a short dipole and I made
>>>> one
>>>> leg vertical and the other horizontal. Now I have almost no noise on 75
>>>> meters. I haqve been playing around with this for awhile and it was
>>>> either all vertical or all horizontal. Now with this configuration the
>>>> weak signals can be heard.
>>>>
>>>>
>>>> Stan
>>>> AH6JR
>>>>
>>>
>>> Hi Stan,

>>> I have considered it, but sometimes it is easier and better to start
>>> fresh. First question is always: what phaser/noise canceller do you
>>> really
>>> want? What do you expect from it?
>>> Looking at the design of the MFJ-1025, it would take to much mods to
>>> realize my needs.
>>>
>>> When one of the antennas doesnt hear the noise source, you dont need
>>> a phaser. But of course that antenna still has to hear your wanted
>>> signals. Using a small loop antenna it is sometimes possible to null the
>>> noise source.
>>> I think playing with a short dipole, as you did, is the same as nulling
>>> with small loops.
>>>
>>> 73 de Jan PA0SIM
>>
>>
>> I have the ANC-4 which works well. This new sense antenna is really good,
>> as
>> I can hear signals down to S-2 on 75 meters. I guess if I had to do it I
>> would prefer to modify the ANC-4 as its a quality unit, not perfect but
>> it is built well.
>>
>> If you would have any ideas as to modifying the ANC-4 I would'nt mind
>> working with you on this project. But I will leave that one up to you.
>>
>> Hopefully I will be able to hear you in the contest this weekend on 75
>> meters!
>>
>> Good Luck in the contest my friend!
>
> Sri, I prefer my Digital Signal Processing route with the two Elecraft K2
> receivers.
> DSP makes an ideal phaser. So no need here for a "better" analog one.
> And DSP gives me a lot more tricks to reduce interference and noise.
>
> 73 es gl de Jan PA0SIM

May I ask what the tricks are?

1644. Re: Stamp collecting doesn't require taking a code test.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 03:01:36 UTC
From: Douche Bag <loumaagsucks@hotmail.com>
Message-ID: <1162090896.121645.198860@i42g2000cwa.googlegroups.com>
Source record: 50318
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Dear Slow Code,
How about another slow cock sucking? Don't you miss the taste? I'm
ready for you.
Slow Code wrote:
> Maybe you people could try stamp collecting.
>
> SC

1645. Re: fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 03:11:43 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <45441bf2$0$1015$39cecf19@news.twtelecom.net>
Source record: 50319

Tony VE6MVP wrote:
>
> I can see this setup being particularly useful for repeater sites
> during an extended power outage. Any URLs for simple modifications.
> I'm real ignorant on this kind of stuff.
>
> Hmmm in the section titled KEEP THE GENERATOR ORIGINAL - "Larger
> auxiliary tanks added to the system will create more pressure on the
> inlet needle valve which may cause the inlet needle to lose its
> ability to regulate the fuel flowing into the carburetor. This may
> cause the crankcase engine oil to become diluted with fuel, spark plug
> and spark arrestor carbon build-up, and possible external fuel leaks
> which may result in fires."
>
> http://www.mayberrys.com/honda/generator/html/safety.htm
>
> Tony

My boss made the mod on his 2000 watt Honda. All you need is a spare gas cap. I can't go into the "mod" too much since I didn't so it myself, but I am told that it involves simply attaching the boat tank line to the gas cap after a hole is drilled in it and a connector is installed. And he states that it is easy to refill the system at the boat tank while running. Apparently the air that gets in does not really affect things since while the real tank on the generator may end up with some air in it, it still ends up with enough vacuum to continue to pull fuel after a refill.

He has run it for a week at a time before. Also the pressure has much to do wih how the modification is done and how you use the system afterwards. Honda is probably covering their butt, and for good legal reasons.

Many have done this mod, and know of the potential problems. I have not read of any. I would say that you just have to keep track of the potential problems and don't do something that would raise the fuel pressure.

And again, I do NOT own one of these generators. I have modified 2 others, which were not Honda, with direct connections to the carbs from a boat tank. No issues after hundreds of hours of use.

tom
K0TAR

1646. Re: Stamp collecting doesn't require taking a code test.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 04:13:42 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1162095222.566278.276850@e64g2000cwd.googlegroups.com>
Source record: 50320
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Douche Bag wrote:
> Dear Slow Code,
> How about another slow cock sucking? Don't you miss the taste? I'm
> ready for you.
gay bashing just isn't cool

1647. Re: Any interesting antenna projects?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 06:49:14 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <O6Y0h.1173$IC.552@newsfe21.lga>
Source record: 50321

"Rick" <ricknj10@hotmail.com> wrote in message
news:45424f62.23534796@news.optonline.net...
> In the spirit of trying to get something going on the subject of
> antennas, and away from all the off topic posts......
>
> Are you doing anything interesting with antennas?
> For me, I have become interested in rhombics and am currently building
> one.

As a no-code, I am my club's sole source of FD points for UHF/VHF. I have beams for 2m & 70 cm, but maybe rhombics are better. From San Diego, most of my DX FD contacts are in the same place: Los Angeles. I don't really need a steerable antenna.

Impedance matching to a 700 ohm antenna seems to be a daunting task. If I used a 4:1 balun could I connect two or three independently terminated rhombics (one over the other) in parallel to the balanced side?

I also want to try a rhombic for UHF TV. True, this is not a ham project, but hamming isn't my sole electronics interest. (Probably the same with most of us.)

I also have a project for TV DX, which requires canceling out a co-channel interference source. The QRM is 11 degrees off-axis at Channel 53. This calls for yoking two antennas about 43 inches apart to create a deep null in the direction of the QRM. I did one for Channel 36 at 90-degrees off-axis and it works like a charm.

1648. Re: Timewave ANC-4 question!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 08:00:54 UTC
From: Jan Simons PA0SIM <PA0SIMandnospam@amsat.org>
Message-ID: <1162108855.80829@SLIPstream>
Source record: 50322

>>> ....
>>> If you would have any ideas as to modifying the ANC-4 I would'nt mind
>>> working with you on this project. But I will leave that one up to you.
>>> ....
>>
>> Sri, I prefer my Digital Signal Processing route with the two Elecraft K2
>> receivers.
>> DSP makes an ideal phaser. So no need here for a "better" analog one.
>> And DSP gives me a lot more tricks to reduce interference and noise.
>>
>> 73 es gl de Jan PA0SIM
>
>
> May I ask what the tricks are?
>
Of course:

1) With only one receiver and one antenna:
- Noise Reduction and Noise Blanker tricks as you see now implemented
in the new DSP transceivers like the Orion and the SDR1000 (all the DSP
must be in the AGC loop!).
- In DSP it is possible to make very small bandwidth CW filters.
- For better CW readability one can use binaural or panoramic reception.
- DSP makes multi notch filtering possible (SSB)
- In DSP it is possible to realize almost every AGC you can think of.
(a better AGC can improve weak signal reception)

2) with two (or more) antennas and two phase coherent receivers
- In DSP it is possible to realize the ideal phaser.
- An alternative is "effective directivity" by frequency component selection
see: http://home.plex.nl/~jmsi/Effective%20directivity%20by%20DSP.htm
(the audio samples show what is possible with it)
- True Diversity Reception, because both receivers can be made identical.
- Enhanced Stereo Reception can improve readability for CW/SSB signals.

3) and the tricks I dont know yet. I am not a DSP guru.
For example: (Blind) Source Seperation?
see: http://en.wikipedia.org/wiki/Source_separation
Rather complex stuff HI.

Don&#65533;t forget that not all DSP in the new tranceivers is well implemented.
Important is to recognize that DSP has a bright future for us.

73 de Jan PA0SIM

1649. Re: Any interesting antenna projects?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 08:23:18 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <sfveYwG2TGRFFATw@ifwtech.co.uk>
Source record: 50323

Sal M. Onella wrote:
>I am my club's sole source of FD points for UHF/VHF. I have beams for
>2m & 70 cm, but maybe rhombics are better. From San Diego, most of my
>DX FD contacts are in the same place: Los Angeles. I don't really
>need a steerable antenna.
>
Well, OK... but it takes a LOT of on-site work before a large rhombic can show any advantage over one or two decent long yagis. You'd need to put up four masts in precisely surveyed locations, with enough guy strength to keep four long spans of wire taut, and then terminate and match the thing.

BTDT, and succeeded, but it takes far more work than you imagine. When your club is trying to set up several stations all at the same time, you may find you don't have enough effort to do it. There's a severe risk of winding up with no VHF/UHF antennas at all. BTDT too...

And after having spent all that effort on a fixed beam, are you really prepared to risk a sporadic-E opening in a completely unanticipated direction?

>Impedance matching to a 700 ohm antenna seems to be a daunting task.
>If I used a 4:1 balun

That is actually the easy bit. You use the 4:1 balun with an old-fashioned device called a "universal stub": a half-wave section of parallel line made from a pair of old yagi elements. One end of the stub is connected to the antenna, and two clips make a moveable tapping point for the balun. Towards the far end of the stub, two more clips make a moveable shorting bar.

Detailed dimensions don't matter at all, because you're going to slide the shorting bar and the balun along the stub until you find the combination that gives minimum SWR. It takes all of five minutes.

That was the easy bit... but it's probably the ONLY easy bit of the whole project.

>could I connect two or three independently terminated rhombics (one
>over the other) in parallel to the balanced side?

Two stacked rhombics are easy to feed - connect the feedpoints by a length of open-wire, and then connect the universal stub at the mid-point. The counter-intuitive thing is that a pair of antennas that could be hundreds of feet long need to be stacked only a few feet above each other. But attempting to stack two rhombics will multiply your rigging problems by a factor MUCH larger than 2!

Having experienced a large rhombic for VHF, I'd stay with yagis.

--
73 from Ian GM3SEK 'In Practice' columnist for RadCom (RSGB)
http://www.ifwtech.co.uk/g3sek

1650. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 08:34:43 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <gKZ0h.77053$zF5.55056@bignews1.bellsouth.net>
Source record: 50324
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"Dave" <W1MCE@comcast.net> wrote in message
news:r6WdnaDWGJ5TJKbYnZ2dnUVZ_sGdnZ2d@comcast.com...
> David G. Nagel wrote:
>
> SNIPPED
>>
>> Remember what that great American statesmen Winston Churchill once said"
>> We are one people divided by a common language".
>>
>> Dave N grandson of a Brit and a Scot
>
>
> A M E R I C A N S T A T E S M A N ??????????????????????
>

Yep, He had his nose in our business enough.

1651. Re: Coax Crimp Tool Recommendation?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 10:38:35 UTC
From: ml <m@di.net>
Message-ID: <m-01C09A.05383529102006@news.verizon.net>
Source record: 50226

In article <eec7k2567skgaqf8i9gn7l0ls322c5f49h@4ax.com>,
Danny Richardson <n_group@k6mhe.com> wrote:

> Looking for suggestions for a good crimp tool for installing coax
> connectors. It will primarily for BNC connectors on RG-174, 58 and 59
> cables. Although the RG-8 cable family capability would be nice too.
>
> I do wish to avoid being a captive customer in that brand X crimp tool
> only works well with brand X connectors.
>
> And, of course, looking for the best bank for the buck.
>
> Thanks,
>
> Danny

try to ebay search crimp tools there is usually a few companies that
sell a kit w/a ratachted crimper that has changable dies and include a
die or 2 2 dies should cover what you need sometimes the kit will
also include a few crimp lugs, which you might not need

cost for a brand new one w/2 dies cost me 25usd they will crimp
any standard connector that mates w/the standard dies

if you only need to make one or 2 radio shack and simular places have
crimp tools that are either plier type or that look like a ratached
tool but aren't actually ratached at radioshack you'll sometimes pay
close to what a ratached unit cost from above their plier looking
one is pretty cheep

if you don't make many they do sell connectors that don't need crimpn'

good luck

1652. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 11:34:12 UTC
From: Mark's Best Buddy <anon@anon>
Message-ID: <dulhd.g7m.17.1@news.alt.net>
Source record: 50325
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"Jimmie D" <jimmiedee@bellsouth.net> wrote in message
news:gKZ0h.77053$zF5.55056@bignews1.bellsouth.net...

"Dave" <W1MCE@comcast.net> wrote in message
news:r6WdnaDWGJ5TJKbYnZ2dnUVZ_sGdnZ2d@comcast.com...
> David G. Nagel wrote:
>
> SNIPPED
>>
>> Remember what that great American statesmen Winston Churchill once said"
>> We are one people divided by a common language".
>>
>> Dave N grandson of a Brit and a Scot
>
>
> A M E R I C A N S T A T E S M A N ??????????????????????
>

Yep, He had his nose in our business enough.

Lest we forget other great statesemen, it will be a mere matter of minutes
before Mark Morgan steps up to the plate to tell us (in 100 posts or more)
that he majored in statesmanship while obtaining one of his many alleged
degrees. What else can one expect from a former Colonel, Geophysicist, and
all around authority on every topic from Programming to Morse Code to
Bisexuality?
The guy is a veritable fountain of endless knowledge.

1653. Re: Stamp collecting and creativity

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 12:04:13 UTC
From: amdx <amdx@knology.net>
Message-ID: <262b0$454498ba$45011502$14919@KNOLOGY.NET>
Source record: 50227
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

"Slow Code" <my.mail@no.spam> wrote in message
news:Xwx0h.349$LI4.140@newsread2.news.pas.earthlink.net...
> Maybe you people could try stamp collecting.
>
> SC

All these people that go out and buy stamps,
they should be making there own. There seems to be
a post office in every city, it just ruins there creativity
and thinking!
Mike

1654. Possible NEC2 bug

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 12:21:09 UTC
From: neok <n5b4az@yahoo.com>
Message-ID: <1162124469.902060.189230@k70g2000cwa.googlegroups.com>
Source record: 50228

Hi,

I believe I have come across a possible bug in the original
NEC2 (nec2dx.f) program. It shows up in nec2c, my translation
of NEC2 from FORTRAN to C, as a segmentation fault when
running in Linux. In the original nec2dx.f it shows up as
an Array bounds violation fault if compiled with
gfortan -fbounds-check. In both cases of course the
programs crash. This happens when an input file specifying
a wire segment in contact with a patch and with the extended
thin-wire kernel (EK card) enabled:

```
CM --- NEC2 Input File created by xnec2c 0.9-beta ---
CE --- End Comments ---
GW 1 8 0.0 0.0 0.0 0.0 0.0 1.0 .003
SM 3 3 0.5 0.5 0.0 0.5 -0.5 0.0 0.0
SC 0 0 -0.5 -0.5 0.0 0.0 0.0 0.0 0.0
GE 0 0 0 0 0 0 0 0 0
EX 0 1 1 0 1.0 0.0 0.0 0.0 0.0 0.0
EK 0
FR 0 11 0 0 50.0 5.0 0.0 0.0 0.0 0.0
XQ 0 0 0 0 0 0 0 0 0 0
EN 0 0 0 0 0 0 0 0 0 0
```

The fault is due to an "illegal" value in the connections array
ICON2 where ICON2(1) in subroutine CMWW has a value of 10001.
This signals a connection of wire segment 1 to a patch and this
value is later used as an index to ICON2 itself causing an array
bounds violation, since ICON2 is dimensioned as 2*MAXSEG and
MAXSEG=1500 in this NEC2 version.

I don't think I am qualified enough to fix this bug so I wonder
if there is still an "official" maintainer of NEC2 and whether
it is possible to contact him with the above bug report.

1655. tunerpower v loss?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 12:26:08 UTC
From: ml <m@di.net>
Message-ID: <m-A8A67F.07260729102006@news.verizon.net>
Source record: 50229

hi

i have 150ft of 16ga cable going to my roof sgc tuner

my astron is putting out 13.8v in my shack

given the gauge of the wire and distance etc

what would i expect the voltage to be up at the roof?

tnx

1656. Re: tunerpower v loss?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 12:40:19 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <q8qdne7KcduvPNnYnZ2dnUVZ_sadnZ2d@comcast.com>
Source record: 50230

You can solve that yourself.

Get out your amateur radio handbook and check the resistance of #16 AWG per 1000 feet. Multiply that by 0.3.

Get out your SGC specification and find out the current being drawn while it is tuning.

Use Ohm's law to calculate the voltage drop. Subtract that from 13.8. The answer is the voltage at the SGC.

/s/ DD

I'm not being facetious. I'm teaching.

ml wrote:
> hi
>
> i have 150ft of 16ga cable going to my roof sgc tuner
>
> my astron is putting out 13.8v in my shack
>
> given the gauge of the wire and distance etc
>
> what would i expect the voltage to be up at the roof?
>
>
> tnx

1657. Re: Any interesting antenna projects?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 13:04:48 UTC
From: ricknj10@hotmail.com
Message-ID: <4544a6c7.260093@news.optonline.net>
Source record: 50231

On Sun, 29 Oct 2006 08:23:18 +0000, Ian White GM3SEK
<gm3sek@ifwtech.co.uk> wrote:

>BTDT, and succeeded,

Ian, What is BTDT please?

1658. Re: tunerpower v loss?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 13:05:59 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <XG11h.17585$TV3.8426@newssvr21.news.prodigy.com>
Source record: 50232

ml wrote:
> i have 150ft of 16ga cable going to my roof sgc tuner
> my astron is putting out 13.8v in my shack
> given the gauge of the wire and distance etc
> what would i expect the voltage to be up at the roof?

Depends on how much current you are drawing.

Quoting from my SG-230 manual: "SGC does not recommend
installing the Smartuner more than 100 feet from the
transmitter ..."

300 ft. of stranded #16 has a resistance of about 1.3
ohms at 20 degrees C. My SG-230 draws about one amp.
--
73, Cecil http://www.w5dxp.com

1659. Re: tunerpower v loss?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 13:27:28 UTC
From: ml <m@di.net>
Message-ID: <m-0233BC.08272829102006@news.verizon.net>
Source record: 50233

In article <XG11h.17585$TV3.8426@newssvr21.news.prodigy.com>,
Cecil Moore <mycall@hotmail.com> wrote:

> ml wrote:
> > i have 150ft of 16ga cable going to my roof sgc tuner
> > my astron is putting out 13.8v in my shack
> > given the gauge of the wire and distance etc
> > what would i expect the voltage to be up at the roof?
>
> Depends on how much current you are drawing.
>
> Quoting from my SG-230 manual: "SGC does not recommend
> installing the Smartuner more than 100 feet from the
> transmitter ..."
>
> 300 ft. of stranded #16 has a resistance of about 1.3
> ohms at 20 degrees C. My SG-230 draws about one amp.

oops i did forget that sorry your right it's 1amp draw

i should have enough info to calc

tnx to all that posted!!

1660. Re: Any interesting antenna projects?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 13:30:45 UTC
From: jawod <jawod@fuse.net>
Message-ID: <ed9bb$4544adaa$4831cf4b$7598@FUSE.NET>
Source record: 50234

Sal M. Onella wrote:
> "Rick" <ricknj10@hotmail.com> wrote in message
> news:45424f62.23534796@news.optonline.net...
>
>>In the spirit of trying to get something going on the subject of
>>antennas, and away from all the off topic posts......
>>
>>Are you doing anything interesting with antennas?
>>For me, I have become interested in rhombics and am currently building
>>one.
>
>

I am considering Roy W7EL's FD Special, published in QST in 1984. For
20M, it is about 32 feet long and has two elements separated with about
8 feet lengths of PVC tubing on each end. The elements are 300 ohm twin
lead.
It is a directional antenna. I wonder how difficult it would be to
reverse directionality?

I am considering re-configuring it for 17 meters.
What do you think...given the nadir of the sunspot cycle. Which is the
better band? (I am aiming this one approx NW from Ohio.)

And, yes, Father Owen, I'll consider velocity, etc. this time :)

John
AB8O

PS
The G5RV I recently built has Z= 86 + j22 at 7270 KHz and Z = 82 -j41 at
14000 KHz. SWR is a little higher than expected but OK.
Aren't antenna bridges cool?

1661. Re: Any interesting antenna projects?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 13:47:46 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <8Ri6LvKCELRFFAhQ@ifwtech.co.uk>
Source record: 50235

Rick wrote:
>On Sun, 29 Oct 2006 08:23:18 +0000, Ian White GM3SEK
><gm3sek@ifwtech.co.uk> wrote:
>
>
>>BTDT, and succeeded,
>
>Ian, What is BTDT please?
>
"Been there, done that," which is Usenet jargon for "This statement is
based on personal experience."

--
73 from Ian GM3SEK 'In Practice' columnist for RadCom (RSGB)
http://www.ifwtech.co.uk/g3sek

1662. Re: 10 meter mobile antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 14:06:49 UTC
From: Bob Miller <NOSPAM@neosoft.com>
Message-ID: <67d9k2l876ljbdklqreo4o65h91v3hms0h@4ax.com>
Source record: 50236

On Thu, 26 Oct 2006 22:53:48 GMT, "Merlin-7 KI4ILB"
<merlin-7@sc.rr.com> wrote:

>OK where can I buy a 330pf cap? Its only a 25 watt rig but I would like a
>bit of overkill.
> Pisses me off that Radio Shack is a cell phone store now. I used to be able
>to walk into Radio Shack and the person there would understand what you
>needed. Now if it does not have to do with cell phones or car audio they
>just give you this dumb look..
>
> Thanks
> Joe

I've been able to mail order most any electrical part from Mouser. No
minimum order. And it puts you on the list for their huge catalog.

bob
k5qwg

>
>> >vertical without having to cut it.
>>
>> I did exactly this (20 years ago). I used a variable compression trimmer
>> capacitor to check that I could actually get a low SWR, measured it, and
>> fitted the nearest value disc ceramic (rated at 500VDC). I think it was
>> 330pF. No problems with 40W.
>> Ian.
>> --
>>
>

1663. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 15:47:12 UTC
From: Mark@kb9rqz.aprs
Message-ID: <85j9k21qtlj0p39ea8lhcfjljp2c0kop5g@4ax.com>
Source record: 50237
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Sun, 29 Oct 2006 06:34:12 -0500, "Mark's Best Buddy" <anon@anon>
wrote:

>
>"Jimmie D" <jimmiedee@bellsouth.net> wrote in message
>news:gKZ0h.77053$zF5.55056@bignews1.bellsouth.net...
>
>"Dave" <W1MCE@comcast.net> wrote in message
>news:r6WdnaDWGJ5TJKbYnZ2dnUVZ_sGdnZ2d@comcast.com...
>> David G. Nagel wrote:
>>
>> SNIPPED
>>>
>>> Remember what that great American statesmen Winston Churchill once said"
>>> We are one people divided by a common language".
>>>
>>> Dave N grandson of a Brit and a Scot
>>
>>
>> A M E R I C A N S T A T E S M A N ??????????????????????
>>
>
>Yep, He had his nose in our business enough.
>
>Lest we forget other great statesemen, it will be a mere matter of minutes
>before Mark Morgan steps up to the plate to tell us (in 100 posts or more)
>that he majored in statesmanship while obtaining one of his many alleged
>degrees.
an obvious lie Chris or Lloyd or bell like your current nick the
statemeent is dishonest
> What else can one expect from a former Colonel, Geophysicist, and
>all around authority on every topic from Programming to Morse Code to
>Bisexuality?
no former about it
>The guy is a veritable fountain of endless knowledge.

thank you are now poccessing the beginings of wisdom
>
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1664. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 16:51:51 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <H_41h.25245$GR2.17404@tornado.texas.rr.com>
Source record: 50238
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

<Mark@kb9rqz.aprs> wrote in message
news:85j9k21qtlj0p39ea8lhcfjljp2c0kop5g@4ax.com...
> On Sun, 29 Oct 2006 06:34:12 -0500, "Mark's Best Buddy" <anon@anon>
> wrote:
>
>>
>>"Jimmie D" <jimmiedee@bellsouth.net> wrote in message
>>news:gKZ0h.77053$zF5.55056@bignews1.bellsouth.net...
>>
>>"Dave" <W1MCE@comcast.net> wrote in message
>>news:r6WdnaDWGJ5TJKbYnZ2dnUVZ_sGdnZ2d@comcast.com...
>>> David G. Nagel wrote:
>>>
>>> SNIPPED
>>>>
>>>> Remember what that great American statesmen Winston Churchill once
>>>> said"
>>>> We are one people divided by a common language".
>>>>
>>>> Dave N grandson of a Brit and a Scot
>>>
>>>
>>> A M E R I C A N S T A T E S M A N ??????????????????????
>>>
>>
>>Yep, He had his nose in our business enough.
>>
>>Lest we forget other great statesemen, it will be a mere matter of minutes
>>before Mark Morgan steps up to the plate to tell us (in 100 posts or more)
>>that he majored in statesmanship while obtaining one of his many alleged
>>degrees.
> an obvious lie Chris or Lloyd or bell like your current nick the
> statemeent is dishonest
>> What else can one expect from a former Colonel, Geophysicist, and
>>all around authority on every topic from Programming to Morse Code to
>>Bisexuality?
> no former about it
>>The guy is a veritable fountain of endless knowledge.
>
> thank you are now poccessing the beginings of wisdom
>>

So, will you now STFU?

1665. Re: Any interesting antenna projects?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 17:08:48 UTC
From: ricknj10@hotmail.com
Message-ID: <4544df8e.14795359@news.optonline.net>
Source record: 50239

>I am considering re-configuring it for 17 meters.
>What do you think...given the nadir of the sunspot cycle. Which is the
>better band? (I am aiming this one approx NW from Ohio.)
>

17 m is a great band for ragchewing. Seems to run at a much slower
pace than 20. Here in NJ it is open most days to Europe. I think
you'd be happy with it, but in my case I find I have my beam NE 90 %
of the time.

Rick K2XT

1666. Re: Any interesting antenna projects?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 17:13:09 UTC
From: Charlie <charlie@ease.biz>
Message-ID: <12k9oaflp98cs65@corp.supernews.com>
Source record: 50240

BTDT = "Been There Done That"

-also BTDTGTS = "Been There Done That Got the T-Shirt"

--

73,Charlie-AD5TH
www.ad5th.com

"Rick" <ricknj10@hotmail.com> wrote in message
news:4544a6c7.260093@news.optonline.net...
> On Sun, 29 Oct 2006 08:23:18 +0000, Ian White GM3SEK
> <gm3sek@ifwtech.co.uk> wrote:
>
>
>>BTDT, and succeeded,
>
> Ian, What is BTDT please?
>
>
>

1667. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 18:14:15 UTC
From: Mark@kb9rqz.aprs
Message-ID: <0rr9k29oq19k96egc0ab0tk2el8l371o5b@4ax.com>
Source record: 50241
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Sun, 29 Oct 2006 16:51:51 GMT, "U-Know-Who" <no-one@nowhere.com>
wrote:

>
><Mark@kb9rqz.aprs> wrote in message
>news:85j9k21qtlj0p39ea8lhcfjljp2c0kop5g@4ax.com...
>> On Sun, 29 Oct 2006 06:34:12 -0500, "Mark's Best Buddy" <anon@anon>
>> wrote:
>>
>>>
>>>"Jimmie D" <jimmiedee@bellsouth.net> wrote in message
>>>news:gKZ0h.77053$zF5.55056@bignews1.bellsouth.net...
>>>
>>>"Dave" <W1MCE@comcast.net> wrote in message
>>>news:r6WdnaDWGJ5TJKbYnZ2dnUVZ_sGdnZ2d@comcast.com...
>>>> David G. Nagel wrote:
>>>>
>>>> SNIPPED
>>>>>
>>>>> Remember what that great American statesmen Winston Churchill once
>>>>> said"
>>>>> We are one people divided by a common language".
>>>>>
>>>>> Dave N grandson of a Brit and a Scot
>>>>
>>>>
>>>> A M E R I C A N S T A T E S M A N ??????????????????????
>>>>
>>>
>>>Yep, He had his nose in our business enough.
>>>
>>>Lest we forget other great statesemen, it will be a mere matter of minutes
>>>before Mark Morgan steps up to the plate to tell us (in 100 posts or more)
>>>that he majored in statesmanship while obtaining one of his many alleged
>>>degrees.
>> an obvious lie Chris or Lloyd or bell like your current nick the
>> statemeent is dishonest
>>> What else can one expect from a former Colonel, Geophysicist, and
>>>all around authority on every topic from Programming to Morse Code to
>>>Bisexuality?
>> no former about it
>>>The guy is a veritable fountain of endless knowledge.
>>

>> thank you are now poccessing the beginings of wisdom
>>>
>
>So, will you now STFU?
why would I? Tom you are not making sense but that is par for the
course
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1668. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 18:40:24 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <sA61h.25262$GR2.8482@tornado.texas.rr.com>
Source record: 50242
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

<Mark@kb9rqz.aprs> wrote in message
news:0rr9k29oq19k96egc0ab0tk2el8l371o5b@4ax.com...
> On Sun, 29 Oct 2006 16:51:51 GMT, "U-Know-Who" <no-one@nowhere.com>
> wrote:
>
>>
>><Mark@kb9rqz.aprs> wrote in message
>>news:85j9k21qtlj0p39ea8lhcfjljp2c0kop5g@4ax.com...
>>> On Sun, 29 Oct 2006 06:34:12 -0500, "Mark's Best Buddy" <anon@anon>
>>> wrote:
>>>
>>>>
>>>>"Jimmie D" <jimmiedee@bellsouth.net> wrote in message
>>>>news:gKZ0h.77053$zF5.55056@bignews1.bellsouth.net...
>>>>
>>>>"Dave" <W1MCE@comcast.net> wrote in message
>>>>news:r6WdnaDWGJ5TJKbYnZ2dnUVZ_sGdnZ2d@comcast.com...
>>>>> David G. Nagel wrote:
>>>>>
>>>>> SNIPPED
>>>>>>
>>>>>> Remember what that great American statesmen Winston Churchill once
>>>>>> said"
>>>>>> We are one people divided by a common language".
>>>>>>
>>>>>> Dave N grandson of a Brit and a Scot
>>>>>
>>>>>
>>>>> A M E R I C A N S T A T E S M A N ??????????????????????
>>>>>
>>>>
>>>>Yep, He had his nose in our business enough.
>>>>
>>>>Lest we forget other great statesemen, it will be a mere matter of
>>>>minutes
>>>>before Mark Morgan steps up to the plate to tell us (in 100 posts or
>>>>more)
>>>>that he majored in statesmanship while obtaining one of his many alleged
>>>>degrees.
>>> an obvious lie Chris or Lloyd or bell like your current nick the
>>> statemeent is dishonest
>>>> What else can one expect from a former Colonel, Geophysicist, and
>>>>all around authority on every topic from Programming to Morse Code to

>>>>Bisexuality?
>>> no former about it
>>>>The guy is a veritable fountain of endless knowledge.
>>>
>>> thank you are now poccessing the beginings of wisdom
>>>>
>>
>>So, will you now STFU?
> why would I? Tom you are not making sense but that is par for the
> course
>>

Can't you see you've won, Mark? It's all over. You've made us understand the genius that you are. The mere fact that you are the most intelligent one here should surely be enough to cause you to step aside and let us imbeciles argue amongst ourselves.

1669. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 18:42:59 UTC
From: Mark@kb9rqz.aprs
Message-ID: <uet9k2lbp0oach1tqljoo02481cq3ceo73@4ax.com>
Source record: 50243
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

```
On Sun, 29 Oct 2006 18:40:24 GMT, "U-Know-Who" <no-one@nowhere.com>
wrote:

>
><Mark@kb9rqz.aprs> wrote in message
>news:0rr9k29oq19k96egc0ab0tk2el8l371o5b@4ax.com...
>> On Sun, 29 Oct 2006 16:51:51 GMT, "U-Know-Who" <no-one@nowhere.com>
>> wrote:
>>
>>>
>>><Mark@kb9rqz.aprs> wrote in message
>>>news:85j9k21qtlj0p39ea8lhcfjljp2c0kop5g@4ax.com...
>>>> On Sun, 29 Oct 2006 06:34:12 -0500, "Mark's Best Buddy" <anon@anon>
>>>> wrote:
>>>>
>>>>>
>>>>>"Jimmie D" <jimmiedee@bellsouth.net> wrote in message
>>>>>news:gKZ0h.77053$zF5.55056@bignews1.bellsouth.net...
>>>>>
>>>>>"Dave" <W1MCE@comcast.net> wrote in message
>>>>>news:r6WdnaDWGJ5TJKbYnZ2dnUVZ_sGdnZ2d@comcast.com...
>>>>>> David G. Nagel wrote:
>>>>>>
>>>>>> SNIPPED
>>>>>>>
>>>>>>> Remember what that great American statesmen Winston Churchill once
>>>>>>> said"
>>>>>>> We are one people divided by a common language".
>>>>>>>
>>>>>>> Dave N grandson of a Brit and a Scot
>>>>>>
>>>>>>
>>>>>> A M E R I C A N S T A T E S M A N ??????????????????????
>>>>>>
>>>>>
>>>>>Yep, He had his nose in our business enough.
>>>>>
>>>>>Lest we forget other great statesemen, it will be a mere matter of
>>>>>minutes
>>>>>before Mark Morgan steps up to the plate to tell us (in 100 posts or
>>>>>more)
>>>>>that he majored in statesmanship while obtaining one of his many alleged
>>>>>degrees.
```

>>>> an obvious lie Chris or Lloyd or bell like your current nick the
>>>> statemeent is dishonest
>>>>> What else can one expect from a former Colonel, Geophysicist, and
>>>>>all around authority on every topic from Programming to Morse Code to
>>>>>Bisexuality?
>>>> no former about it
>>>>>The guy is a veritable fountain of endless knowledge.
>>>>
>>>> thank you are now poccessing the beginings of wisdom
>>>>>
>>>
>>>So, will you now STFU?
>> why would I? Tom you are not making sense but that is par for the
>> course
>>>
>
>Can't you see you've won, Mark?
won what?
> It's all over.
hardly
> You've made us understand the
>genius that you are. The mere fact that you are the most intelligent one
>here should surely be enough to cause you to step aside and let us imbeciles
>argue amongst ourselves.

even if true you logic is fucked, and by your own statement you can't
argue with that one

you re main a coward and lier and jealous tom just get over over it
and craw back under your rock
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1670. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 19:01:16 UTC
From: Mark@kb9rqz.aprs
Message-ID: <pju9k29d21u8vr7vjv7q7mnpvugdnd54ss@4ax.com>
Source record: 50244
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

```
On Sun, 29 Oct 2006 18:40:24 GMT, "U-Know-Who" <no-one@nowhere.com>
wrote:

>
><Mark@kb9rqz.aprs> wrote in message
>news:0rr9k29oq19k96egc0ab0tk2el8l371o5b@4ax.com...
>> On Sun, 29 Oct 2006 16:51:51 GMT, "U-Know-Who" <no-one@nowhere.com>
>> wrote:
>>
>>>
>>><Mark@kb9rqz.aprs> wrote in message
>>>news:85j9k21qtlj0p39ea8lhcfjljp2c0kop5g@4ax.com...
>>>> On Sun, 29 Oct 2006 06:34:12 -0500, "Mark's Best Buddy" <anon@anon>
>>>> wrote:
>>>>
>>>>>
>>>>>"Jimmie D" <jimmiedee@bellsouth.net> wrote in message
>>>>>news:gKZ0h.77053$zF5.55056@bignews1.bellsouth.net...
>>>>>
>>>>>"Dave" <W1MCE@comcast.net> wrote in message
>>>>>news:r6WdnaDWGJ5TJKbYnZ2dnUVZ_sGdnZ2d@comcast.com...
>>>>>> David G. Nagel wrote:
>>>>>>
>>>>>> SNIPPED
>>>>>>>
>>>>>>> Remember what that great American statesmen Winston Churchill once
>>>>>>> said"
>>>>>>> We are one people divided by a common language".
>>>>>>>
>>>>>>> Dave N grandson of a Brit and a Scot
>>>>>>
>>>>>>
>>>>>> A M E R I C A N S T A T E S M A N ??????????????????????
>>>>>>
>>>>>
>>>>>Yep, He had his nose in our business enough.
>>>>>
>>>>>Lest we forget other great statesemen, it will be a mere matter of
>>>>>minutes
>>>>>before Mark Morgan steps up to the plate to tell us (in 100 posts or
>>>>>more)
>>>>>that he majored in statesmanship while obtaining one of his many alleged
>>>>>degrees.
```

>>>> an obvious lie Chris or Lloyd or bell like your current nick the
>>>> statemeent is dishonest
>>>>> What else can one expect from a former Colonel, Geophysicist, and
>>>>>all around authority on every topic from Programming to Morse Code to
>>>>>Bisexuality?
>>>> no former about it
>>>>>The guy is a veritable fountain of endless knowledge.
>>>>
>>>> thank you are now poccessing the beginings of wisdom
>>>>>
>>>
>>>So, will you now STFU?
>> why would I? Tom you are not making sense but that is par for the
>> course
>>>
>
>Can't you see you've won, Mark? It's all over. You've made us understand the
>genius that you are. The mere fact that you are the most intelligent one
>here should surely be enough to cause you to step aside and let us imbeciles
>argue amongst ourselves.
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1671. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 20:05:42 UTC
From: hjsjms@cs.com
Message-ID: <1162152342.205796.259410@e64g2000cwd.googlegroups.com>
Source record: 50245
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

Slow Code wrote:
> Opus- <jbuchy@shaw.ca> wrote in
> news:n1g0k2h8kugbpj65vjk8fc96uk5hsl70k8@4ax.com:
>
> > Don't you have some offs to fuck?
> >
>
>
> Why do no-coders always break down in the middle of an argument and start
> spewing profanities? I just don't understand it. It must be do to their
> limited mental abilities.
>
> Opus being a Cannuk probably doesn't help either.
>
> SC

Removing the code requirement at this late date would do little to
increase the number of hams applying for a license. At one time,
possibly 30 years ago it would have made sense to replace the code test
with one that emphasizes skills that actually have a use in the real
world. Sadly, I think that there is little that can be done to attract
younger hams into the hobby. There are just too many license-free ways
of communicating with people from around the world.

1672. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 20:50:15 UTC
From: Mark@kb9rqz.aprs
Message-ID: <tu4ak29pcon173kitgoupsbbblnceg1q3r@4ax.com>
Source record: 50246
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

On 29 Oct 2006 12:05:42 -0800, hjsjms@cs.com wrote:

>
>Slow Code wrote:
>> Opus- <jbuchy@shaw.ca> wrote in
>> news:n1g0k2h8kugbpj65vjk8fc96uk5hsl70k8@4ax.com:
>>
>> > Don't you have some offs to fuck?
>> >
>>
>>
>> Why do no-coders always break down in the middle of an argument and start
>> spewing profanities? I just don't understand it. It must be do to their
>> limited mental abilities.
>>
>> Opus being a Cannuk probably doesn't help either.
>>
>> SC
>
>Removing the code requirement at this late date would do little to
>increase the number of hams applying for a license.
but it can help retain those we get and encourage them into intagrate
into the ARs as opposed to being driven out by such as SC
> At one time,
>possibly 30 years ago it would have made sense to replace the code test
>with one that emphasizes skills that actually have a use in the real
>world. Sadly, I think that there is little that can be done to attract
>younger hams into the hobby. There are just too many license-free ways
>of communicating with people from around the world.
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1673. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 20:55:13 UTC
From: hjsjms@cs.com
Message-ID: <1162155313.874187.81780@e64g2000cwd.googlegroups.com>
Source record: 50247
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

M...@kb9rqz.aprs wrote:
> On 29 Oct 2006 12:05:42 -0800, hjsjms@cs.com wrote:
>
> >
> >Slow Code wrote:
> >> Opus- <jbuchy@shaw.ca> wrote in
> >> news:n1g0k2h8kugbpj65vjk8fc96uk5hsl70k8@4ax.com:
> >>
> >> > Don't you have some offs to fuck?
> >> >
> >>
> >>
> >> Why do no-coders always break down in the middle of an argument and start
> >> spewing profanities? I just don't understand it. It must be do to their
> >> limited mental abilities.
> >>
> >> Opus being a Cannuk probably doesn't help either.
> >>
> >> SC
> >
> >Removing the code requirement at this late date would do little to
> >increase the number of hams applying for a license.
> but it can help retain those we get and encourage them into intagrate
> into the ARs as opposed to being driven out by such as SC

How would retaining the code requirement help to retain those you do
get. I do not understand.

> > At one time,
> >possibly 30 years ago it would have made sense to replace the code test
> >with one that emphasizes skills that actually have a use in the real
> >world. Sadly, I think that there is little that can be done to attract
> >younger hams into the hobby. There are just too many license-free ways
> >of communicating with people from around the world.
> http://kb9rqz.blogspot.com/
>
> --
> Posted via a free Usenet account from http://www.teranews.com

1674. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 20:57:10 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1162155430.268032.174410@f16g2000cwb.googlegroups.com>
Source record: 50248
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

hjs...@cs.com wrote:
> M...@kb9rqz.aprs wrote:
> > On 29 Oct 2006 12:05:42 -0800, hjsjms@cs.com wrote:
> >
> > >
> > > >Slow Code wrote:
> > > >> Opus- <jbuchy@shaw.ca> wrote in
> > > >> news:n1g0k2h8kugbpj65vjk8fc96uk5hsl70k8@4ax.com:
> > > >>
> > > >> > Don't you have some offs to fuck?
> > > >> >
> > > >>
> > > >>
> > > >> Why do no-coders always break down in the middle of an argument and start
> > > >> spewing profanities? I just don't understand it. It must be do to their
> > > >> limited mental abilities.
> > > >>
> > > >> Opus being a Cannuk probably doesn't help either.
> > > >>
> > > >> SC
> > > >
> > > >Removing the code requirement at this late date would do little to
> > > >increase the number of hams applying for a license.
> > > but it can help retain those we get and encourage them into intagrate
> > > into the ARs as opposed to being driven out by such as SC
> >
> >
> > How would retaining the code requirement help to retain those you do
> > get. I do not understand.
obviously you do not understand since the opisite was said ending code
tsting could help retain the new hams

1675. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 21:06:10 UTC
From: hjsjms@cs.com
Message-ID: <1162155970.279848.195280@k70g2000cwa.googlegroups.com>
Source record: 50249
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

```
an_old_friend wrote:
> hjs...@cs.com wrote:
> > M...@kb9rqz.aprs wrote:
> > > On 29 Oct 2006 12:05:42 -0800, hjsjms@cs.com wrote:
> > >
> > > >
> > > >Slow Code wrote:
> > > >> Opus- <jbuchy@shaw.ca> wrote in
> > > >> news:n1g0k2h8kugbpj65vjk8fc96uk5hsl70k8@4ax.com:
> > > >>
> > > >> > Don't you have some offs to fuck?
> > > >> >
> > > >>
> > > >>
> > > >> Why do no-coders always break down in the middle of an argument and start
> > > >> spewing profanities? I just don't understand it. It must be do to their
> > > >> limited mental abilities.
> > > >>
> > > >> Opus being a Cannuk probably doesn't help either.
> > > >>
> > > >> SC
> > > >
> > > >Removing the code requirement at this late date would do little to
> > > >increase the number of hams applying for a license.
> > > but it can help retain those we get and encourage them into intagrate
> > > into the ARs as opposed to being driven out by such as SC
> > >
> > >
> > How would retaining the code requirement help to retain those you do
> > get. I do not understand.
> obviously you do not understand since the opisite was said ending code
> tsting could help retain the new hams

I see that you real as well as you spell, which is not very good. I
was responding to the following: "but it can help retain those we get
".
```

1676. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 21:14:24 UTC
From: Mark@kb9rqz.aprs
Message-ID: <p86ak2paacp9pbtodh929f7f88d2cf610s@4ax.com>
Source record: 50250
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

```
On 29 Oct 2006 13:06:10 -0800, hjsjms@cs.com wrote:

>
>an_old_friend wrote:
>> hjs...@cs.com wrote:
>> > M...@kb9rqz.aprs wrote:
>> > > On 29 Oct 2006 12:05:42 -0800, hjsjms@cs.com wrote:
>> > >
>> > > >
>> > > > >Slow Code wrote:
>> > > > >> Opus- <jbuchy@shaw.ca> wrote in
>> > > > >> news:n1g0k2h8kugbpj65vjk8fc96uk5hsl70k8@4ax.com:
>> > > > >>
>> > > > >> > Don't you have some offs to fuck?
>> > > > >> >
>> > > > >>
>> > > > >>
>> > > > >> Why do no-coders always break down in the middle of an argument and start
>> > > > >> spewing profanities? I just don't understand it. It must be do to their
>> > > > >> limited mental abilities.
>> > > > >>
>> > > > >> Opus being a Cannuk probably doesn't help either.
>> > > > >>
>> > > > >> SC
>> > > > >
>> > > > >Removing the code requirement at this late date would do little to
>> > > > >increase the number of hams applying for a license.
>> > > > but it can help retain those we get and encourage them into intagrate
>> > > > into the ARs as opposed to being driven out by such as SC
>> > >
>> > >
>> > > How would retaining the code requirement help to retain those you do
>> > > get. I do not understand.
>> > obviously you do not understand since the opisite was said ending code
>> > tsting could help retain the new hams
>
>I see that you real as well as you spell, which is not very good. I
>was responding to the following: "but it can help retain those we get
>".
I "real"? indeed I see what you are responding to but you clearly
can't read the sentence since neither of the preceeding poster is
tlaking about reatining code testing
and neither he 2 yet futher in the tree were talking and code testing
```

at all

the only one that thinks the poster are sufggesting code testing will
retain anything is you and where you get is beyond me
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1677. random wire auto tuner vs 4:1 Balun

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 21:18:07 UTC
From: Va3mrj <dbjohnson@rogers.com>
Message-ID: <1162156687.590406.3270@i42g2000cwa.googlegroups.com>
Source record: 50251

I have used an SGC 230 to tune a eandom long wire with great results but it died and I installed a 4:1 balun and now us the internal 50 ohm tuner in my Icom IC 746. It tunes the long wire the same but is it as efficient as the SGC?

I plan on putting up a flagpole antennae and want to use the 4:1 balun, one side to the ground radials and the other to the flagpole. Appreiate any advice in this project.

1678. Re: 10 meter mobile antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 21:24:36 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <o_81h.1326$nG1.900@tornado.southeast.rr.com>
Source record: 50252

It would not be mounted on the bumper.
My thinking is that since the first 1/3 of an antenna does the most
radiating, get it as far away from any metal (broadside) that you can.
It would be mounted in a stake-hole (one of the 4 square holes in each
corner of the truck bed.
Joe
>
> A 1/8wl antenna mounted in the center of your roof will probably work
better
> than the 1/4 lambda antenna on the bumper.
>
>

1679. Re: Response to SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 21:52:53 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <Vo91h.1331$nG1.778@tornado.southeast.rr.com>
Source record: 50253
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

If Slow Code left, I would miss him.

I do not agree with him most of the time. As a matter of fact, he is dead wrong a lot of the time.

At least he stands up for what he believes in.

I myself, do not think that every ham should have to be able to send/copy code at 20wpm no more that I think they should be tested on psk,rtty, slow scan tv. etc.

Some people have a passion for code and some have a passion for other modes. I use them all from time to time, and to be honest, after I move next year, I am going to work on my code a bit more when I have the time to do so.

However, I will still give him a hard time about his ranting. After all I have not heard anyone tell him that he is not a real ham because he does not have psk nailed down..HI HI
Joe
KI4ILB

1680. Re: Possible NEC2 bug

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 22:29:36 UTC
From: Frank's <frank599@nospam.telus.net>
Message-ID: <kX91h.74016$E67.41229@clgrps13>
Source record: 50254

"neok" <n5b4az@yahoo.com> wrote in message
news:1162124469.902060.189230@k70g2000cwa.googlegroups.com...
> Hi,
>
> I believe I have come across a possible bug in the original
> NEC2 (nec2dx.f) program. It shows up in nec2c, my translation
> of NEC2 from FORTRAN to C, as a segmentation fault when
> running in Linux. In the original nec2dx.f it shows up as
> an Array bounds violation fault if compiled with
> gfortan -fbounds-check. In both cases of course the
> programs crash. This happens when an input file specifying
> a wire segment in contact with a patch and with the extended
> thin-wire kernel (EK card) enabled:
>
> CM --- NEC2 Input File created by xnec2c 0.9-beta ---
> CE --- End Comments ---
> GW 1 8 0.0 0.0 0.0 0.0 0.0 1.0 .003
> SM 3 3 0.5 0.5 0.0 0.5 -0.5 0.0 0.0
> SC 0 0 -0.5 -0.5 0.0 0.0 0.0 0.0 0.0
> GE 0 0 0 0 0 0 0 0 0
> EX 0 1 1 0 1.0 0.0 0.0 0.0 0.0 0.0
> EK 0
> FR 0 11 0 0 50.0 5.0 0.0 0.0 0.0 0.0
> XQ 0 0 0 0 0 0 0 0 0
> EN 0 0 0 0 0 0 0 0 0
>
> The fault is due to an "illegal" value in the connections array
> ICON2 where ICON2(1) in subroutine CMWW has a value of 10001.
> This signals a connection of wire segment 1 to a patch and this
> value is later used as an index to ICON2 itself causing an array
> bounds violation, since ICON2 is dimensioned as 2*MAXSEG and
> MAXSEG=1500 in this NEC2 version.
>
> I don't think I am qualified enough to fix this bug so I wonder
> if there is still an "official" maintainer of NEC2 and whether
> it is possible to contact him with the above bug report.

A quick check of the NEC 2 manual indicates the SC card
does not appear to be supported. It does not run with
my NEC2 program, but works fine in NEC4.

I am sure Gerry Burke at LLNL would be glad to help you.

Regards,

Frank

1681. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 22:51:58 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <P96dnfnbcIQQrdjYnZ2dnUVZ_v2dnZ2d@comcast.com>
Source record: 50255
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

hjsjms@cs.com wrote:

SNIPPED
>
> Removing the code requirement at this late date would do little to
> increase the number of hams applying for a license. At one time,
> possibly 30 years ago it would have made sense to replace the code test
> with one that emphasizes skills that actually have a use in the real
> world. Sadly, I think that there is little that can be done to attract
> younger hams into the hobby. There are just too many license-free ways
> of communicating with people from around the world.
>

Amateur Radio is about much more than "communicating with people from around the world".

Amateur Radio is about LEARNING !!! LEARNING some physics, learning about sunspots, learning about antennas, learning about propagation, learning about some electronics, learning about digital communication techniques, learning about VHF propagation, learning about microwaves, learning about wide band tv systems, learning about narrow band tv systems, learning about ... [you complete the phrase].

If you just want to talk around the world, use CB. If you just want to talk around town, use FRS. If you want to LEARN about radio become an Amateur Radio operator [make a commitment to LEARN].

/s/ DD, W1MCE

1682. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 22:53:09 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <P96dnfjbcIROrdjYnZ2dnUVZ_v2dnZ2d@comcast.com>
Source record: 50256
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

Mark@kb9rqz.aprs wrote:

SNIPPED
>
> http://kb9rqz.blogspot.com/
>

Mark, this is one of many references to your blogspot. What are you trying to say?

1683. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 23:12:10 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <eza1h.1335$nG1.499@tornado.southeast.rr.com>
Source record: 50257
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

You forgot the most important part....
How about helping out the rest of the world in emergencies?

After any disaster, the first comunications out of the effected area comes
from hams. NOHA gets a lot of there hurricane information from hams in the
affected area. Sometimes while the ham op is in the middle of it.

When all else fails...we are there!!!!
Been there, done that
Joe

>
> SNIPPED
> >
> > Removing the code requirement at this late date would do little to
> > increase the number of hams applying for a license. At one time,
> > possibly 30 years ago it would have made sense to replace the code test
> > with one that emphasizes skills that actually have a use in the real
> > world. Sadly, I think that there is little that can be done to attract
> > younger hams into the hobby. There are just too many license-free ways
> > of communicating with people from around the world.
> >
>
> Amateur Radio is about much more than "communicating with people from
around the
> world".
>
> Amateur Radio is about LEARNING !!! LEARNING some physics, learning
about
> sunspots, learning about antennas, learning about propagation, learning
about
> some electronics, learning about digital communication techniques,
learning
> about VHF propagation, learning about microwaves, learning about wide band
tv
> systems, learning about narrow band tv systems, learning about ... [you
complete
> the phrase].
>
> If you just want to talk around the world, use CB. If you just want to
talk
> around town, use FRS. If you want to LEARN about radio become an Amateur
Radio
> operator [make a commitment to LEARN].

>
> /s/ DD, W1MCE
>

1684. Re: 10 meter mobile antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-29 23:22:22 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <OIa1h.3155$HD6.2200@tornado.southeast.rr.com>
Source record: 50258

Ok which one would you recommend?

http://www.mouser.com/search/Refine.aspx?Ne=1447464+254016&Ntt=*330pf*&Mkw=330pf&N=1323038+0

Thanks
joe

>
> I've been able to mail order most any electrical part from Mouser. No
> minimum order. And it puts you on the list for their huge catalog.
>
> bob
> k5qwg
>
>
> >
> >> >vertical without having to cut it.
> >>
> >> I did exactly this (20 years ago). I used a variable compression
trimmer
> >> capacitor to check that I could actually get a low SWR, measured it,
and
> >> fitted the nearest value disc ceramic (rated at 500VDC). I think it was
> >> 330pF. No problems with 40W.
> >> Ian.
> >> --
> >>
> >

1685. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 00:16:06 UTC
From: Mark@kb9rqz.aprs
Message-ID: <s1hak25apti8t9qha8u5537upamjoepuju@4ax.com>
Source record: 50259
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

On Sun, 29 Oct 2006 17:53:09 -0500, Dave <W1MCE@comcast.net> wrote:

>Mark@kb9rqz.aprs wrote:
>
>SNIPPED
>>
>> http://kb9rqz.blogspot.com/
>>
>
>Mark, this is one of many references to your blogspot. What are you trying to say?
what ever I like
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1686. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 00:17:10 UTC
From: Mark@kb9rqz.aprs
Message-ID: <v2hak21i6g62k7ss791ts784cldhetgfsj@4ax.com>
Source record: 50260
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

On Sun, 29 Oct 2006 17:51:58 -0500, Dave <W1MCE@comcast.net> wrote:

>hjsjms@cs.com wrote:
>
>SNIPPED
>>
>> Removing the code requirement at this late date would do little to
>> increase the number of hams applying for a license. At one time,
>> possibly 30 years ago it would have made sense to replace the code test
>> with one that emphasizes skills that actually have a use in the real
>> world. Sadly, I think that there is little that can be done to attract
>> younger hams into the hobby. There are just too many license-free ways
>> of communicating with people from around the world.
>>
>
>Amateur Radio is about much more than "communicating with people from around the
>world".
>
>Amateur Radio is about LEARNING !!! LEARNING some physics, learning about
>sunspots, learning about antennas, learning about propagation, learning about
>some electronics, learning about digital communication techniques, learning
>about VHF propagation, learning about microwaves, learning about wide band tv
>systems, learning about narrow band tv systems, learning about ... [you complete
>the phrase].
I notice none of the things you list is Morse Code
>
>If you just want to talk around the world, use CB. If you just want to talk
>around town, use FRS. If you want to LEARN about radio become an Amateur Radio
>operator [make a commitment to LEARN].
>
>/s/ DD, W1MCE
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1687. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 00:50:09 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <mLydnWo0BuGi0djYnZ2dnUVZ_tqdnZ2d@comcast.com>
Source record: 50261
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

Mark@kb9rqz.aprs wrote:

> On Sun, 29 Oct 2006 17:53:09 -0500, Dave <W1MCE@comcast.net> wrote:
>
>
>>Mark@kb9rqz.aprs wrote:
>>
>>SNIPPED
>>
>>>>http://kb9rqz.blogspot.com/
>>>>
>>
>>Mark, this is one of many references to your blogspot. What are you trying to say?
>
> what ever I like
> http://kb9rqz.blogspot.com/
>

FLIP answer. Tnx for nothing.

1688. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 00:53:47 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <mLydnWU0BuGE0NjYnZ2dnUVZ_tqdnZ2d@comcast.com>
Source record: 50262
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

Mark@kb9rqz.aprs wrote:

SNIPPED
>>
>>Amateur Radio is about LEARNING !!! LEARNING some physics, learning about
>>sunspots, learning about antennas, learning about propagation, learning about
>>some electronics, learning about digital communication techniques, learning
>>about VHF propagation, learning about microwaves, learning about wide band tv
>>systems, learning about narrow band tv systems, learning about ... [you complete
>>the phrase].
>
> I notice none of the things you list is Morse Code
>
>>If you just want to talk around the world, use CB. If you just want to talk
>>around town, use FRS. If you want to LEARN about radio become an Amateur Radio
>>operator [make a commitment to LEARN].
>>
>>/s/ DD, W1MCE
>
> http://kb9rqz.blogspot.com/
>

I can still put 18-20 wpm on paper [with arthritis in fingers] and read 25+ wpm.

What is your skill level?

1689. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 00:55:11 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <P3c1h.1623$zf.1239@newsread3.news.pas.earthlink.net>
Source record: 50263
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Mark in the Dark, wrote in
news:uet9k2lbp0oach1tqljoo02481cq3ceo73@4ax.com:

> On Sun, 29 Oct 2006 18:40:24 GMT, "U-Know-Who" <no-one@nowhere.com>
> wrote:
>
>>
>><Mark@kb9rqz.aprs> wrote in message
>>news:0rr9k29oq19k96egc0ab0tk2el8l371o5b@4ax.com...
>>> On Sun, 29 Oct 2006 16:51:51 GMT, "U-Know-Who" <no-one@nowhere.com>
>>> wrote:
>>>
>>>>
>>>><Mark@kb9rqz.aprs> wrote in message
>>>>news:85j9k21qtlj0p39ea8lhcfjljp2c0kop5g@4ax.com...
>>>>> On Sun, 29 Oct 2006 06:34:12 -0500, "Mark's Best Buddy" <anon@anon>
>>>>> wrote:
>>>>>
>>>>>>
>>>>>>"Jimmie D" <jimmiedee@bellsouth.net> wrote in message
>>>>>>news:gKZ0h.77053$zF5.55056@bignews1.bellsouth.net...
>>>>>>
>>>>>>"Dave" <W1MCE@comcast.net> wrote in message
>>>>>>news:r6WdnaDWGJ5TJKbYnZ2dnUVZ_sGdnZ2d@comcast.com...
>>>>>>> David G. Nagel wrote:
>>>>>>>
>>>>>>> SNIPPED
>>>>>>>>
>>>>>>>> Remember what that great American statesmen Winston Churchill
>>>>>>>> once said"
>>>>>>>> We are one people divided by a common language".
>>>>>>>>
>>>>>>>> Dave N grandson of a Brit and a Scot
>>>>>>>
>>>>>>>
>>>>>>> A M E R I C A N S T A T E S M A N ??????????????????????
>>>>>>>
>>>>>>
>>>>>>Yep, He had his nose in our business enough.
>>>>>>
>>>>>>Lest we forget other great statesemen, it will be a mere matter of
>>>>>>minutes
>>>>>>before Mark Morgan steps up to the plate to tell us (in 100 posts or

>>>>>>more)
>>>>>>that he majored in statesmanship while obtaining one of his many
>>>>>>alleged degrees.
>>>>> an obvious lie Chris or Lloyd or bell like your current nick the
>>>>> statemeent is dishonest
>>>>>> What else can one expect from a former Colonel, Geophysicist, and
>>>>>>all around authority on every topic from Programming to Morse Code
>>>>>>to Bisexuality?
>>>>> no former about it
>>>>>>The guy is a veritable fountain of endless knowledge.
>>>>>
>>>>> thank you are now poccessing the beginings of wisdom
>>>>>>
>>>>
>>>>So, will you now STFU?
>>> why would I? Tom you are not making sense but that is par for the
>>> course
>>>>
>>
>>Can't you see you've won, Mark?
> won what?
>> It's all over.
> hardly
>> You've made us understand the
>>genius that you are. The mere fact that you are the most intelligent one
>>here should surely be enough to cause you to step aside and let us
>>imbeciles argue amongst ourselves.
>
> even if true you logic is fucked, and by your own statement you can't
> argue with that one
>
> you re main a coward and lier and jealous tom just get over over it
> and craw back under your rock

You don't make any sense Mark in the Dark. If ever there was a reason for
people to see why we need a code requirement, it's you.

SC

1690. Having to learn CW torture.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 00:55:12 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <Q3c1h.1624$zf.1016@newsread3.news.pas.earthlink.net>
Source record: 50264
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

Having to hear no-codes on HF will be worse than torture.

SC

1691. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 00:55:20 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <Y3c1h.1629$zf.593@newsread3.news.pas.earthlink.net>
Source record: 50265
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

Your name <Youremail@email.com> wrote in
news:e7d54$4544fba3$4b75be7f$18720@ALLTEL.NET:

> Slow Code <my.mail@no.spam> wrote in news:76c0h.19656$UG4.15739
> @newsread2.news.pas.earthlink.net:
>
> well the real easy answer to that question and the only one needed is:
> NO.

Good, we should keep the requirement then, because it has kept a
lot of Bad people out of ham radio.

SC

1692. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 00:55:23 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <%3c1h.1631$zf.1535@newsread3.news.pas.earthlink.net>
Source record: 50266
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

Dave <W1MCE@comcast.net> wrote in
news:P96dnfjbcIROrdjYnZ2dnUVZ_v2dnZ2d@comcast.com:

> Mark@kb9rqz.aprs wrote:
>
> SNIPPED
>>
>> http://kb9rqz.blogspot.com/
>>
>
> Mark, this is one of many references to your blogspot. What are you
> trying to say?

Don't try to figure it out Dave, you'll just get a headache.

SC

1693. Re: Response to SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 00:55:48 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <o4c1h.1643$zf.236@newsread3.news.pas.earthlink.net>
Source record: 50267
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,rec.radio.amateur.policy

"Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in
news:Vo91h.1331$nG1.778@tornado.southeast.rr.com:

> If Slow Code left, I would miss him.
>
> I do not agree with him most of the time. As a matter of fact, he is
> dead
> wrong a lot of the time.
>
> At least he stands up for what he believes in.
>
> I myself, do not think that every ham should have to be able to
> send/copy
> code at 20wpm no more that I think they should be tested on psk,rtty,
> slow scan tv. etc.
>
> Some people have a passion for code and some have a passion for other
> modes. I use them all from time to time, and to be honest, after I move
> next year, I am going to work on my code a bit more when I have the time
> to do so.
>
> However, I will still give him a hard time about his ranting. After all
> I
> have not heard anyone tell him that he is not a real ham because he does
> not have psk nailed down..HI HI
> Joe
> KI4ILB

I was part of the big RRAP CW and anti-ARRL fights of the late 90's up
until restructuring went into effect, then my posting tapered off. I'll
disappear again once the FCC totally kills off ham radio by eliminating
the code requirement. When that happens, I'll wear a strip of black
electricians tape around my arm in memorial and observe twenty-four hours
of radio silence in memory of a once proud service.

Rest in Peace, Ham Radio. You were a good and faithful friend.

SC

1694. Re: Stamp collecting and creativity

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 00:56:02 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <C4c1h.1645$zf.690@newsread3.news.pas.earthlink.net>
Source record: 50268
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

"amdx" <amdx@knology.net> wrote in
news:262b0$454498ba$45011502$14919@KNOLOGY.NET:

>
> "Slow Code" <my.mail@no.spam> wrote in message
> news:Xwx0h.349$LI4.140@newsread2.news.pas.earthlink.net...
>> Maybe you people could try stamp collecting.
>>
>> SC
>
> All these people that go out and buy stamps,
> they should be making there own. There seems to be
> a post office in every city, it just ruins there creativity
> and thinking!
> Mike

You don't cut wood for winter, forage the woods for berries, turn the crank on a model T, build spears to kill a deer, wash clothes in a river, or make candles to light the night, why would you want to make your own stamps? Just collect them, no CW test required.

Try not to drool on the sticky side.

SC

1695. Re: Response to SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 01:00:13 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <0_ednf6_o_oG09jYnZ2dnUVZ_tednZ2d@comcast.com>
Source record: 50269
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,rec.radio.amateur.policy

Top posted ... opps!

Please, why don't you try 24 years of r.r.a.X silence instead of 24 hours of fictitious promises.

Slow Code wrote:

> "Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in
> news:Vo91h.1331$nG1.778@tornado.southeast.rr.com:
>
>
>> If Slow Code left, I would miss him.
>>
>> I do not agree with him most of the time. As a matter of fact, he is
>> dead
>>wrong a lot of the time.
>>
>> At least he stands up for what he believes in.
>>
>> I myself, do not think that every ham should have to be able to
>> send/copy
>>code at 20wpm no more that I think they should be tested on psk,rtty,
>>slow scan tv. etc.
>>
>> Some people have a passion for code and some have a passion for other
>>modes. I use them all from time to time, and to be honest, after I move
>>next year, I am going to work on my code a bit more when I have the time
>>to do so.
>>
>> However, I will still give him a hard time about his ranting. After all
>> I
>>have not heard anyone tell him that he is not a real ham because he does
>>not have psk nailed down..HI HI
>> Joe
>> KI4ILB
>
>
>
> I was part of the big RRAP CW and anti-ARRL fights of the late 90's up
> until restructuring went into effect, then my posting tapered off. I'll
> disappear again once the FCC totally kills off ham radio by eliminating
> the code requirement. When that happens, I'll wear a strip of black
> electricians tape around my arm in memorial and observe twenty-four hours
> of radio silence in memory of a once proud service.

>
> Rest in Peace, Ham Radio. You were a good and faithful friend.
>
> SC

1696. Re: fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 01:13:42 UTC
From: "J. Mc Laughlin" <jcm@power-net.net>
Message-ID: <12kakbm5t8sgj9f@corp.supernews.com>
Source record: 50270

The small Honda generator is exceptionally quiet and produces good quality AC. Used mine during a long power outage with the generator in the garage (with the door up). The noise of the generator of my nearest neighbor (who is a good 400 meters away) was quite noticeable when standing next to the little Honda. Just a data point.
73, Mac N8TT

--
J. Mc Laughlin; Michigan U.S.A.
Home: JCM@Power-Net.Net
"Tony VE6MVP" <tony@REMOVEve6mvp.com> wrote in message
news:g327k2pn4k6gd2niqjcql8qugtvooi10s2@4ax.com...
> On Sat, 28 Oct 2006 16:01:03 GMT, Tony VE6MVP <tony@REMOVEve6mvp.com>
> wrote:
>
> >Seems like those fuel canisters are just a bit on the pricey side.
>
> When I run the numbers through I get N-Gen at $1000 and Honda EU1000i
> at $790. Close enough for now.
>
> But the fuel is much different. - N-Stor130 is 130 W-h for a cost of
> $450. But the Honda fuel consumption is 3.8 hours at rated
> continuous duty of 900 watts. Or a 0.6 US gal tank of gas produces
> 3420 W-h. That's about $2.
>
> So 130 W-h for $450 or 3420 W-h for $2.
>
> Unless you really, really need that absolute quiet of the fuel cell or
> have unusual conditions such as the space shuttle then it's a no
> brainer to me.
>
> Tony

1697. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 01:20:35 UTC
From: Mark@kb9rqz.aprs
Message-ID: <jqkak29m57d6mhirmcupebmuqksq7jo6q3@4ax.com>
Source record: 50271
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

On Sun, 29 Oct 2006 19:50:09 -0500, Dave <W1MCE@comcast.net> wrote:

>Mark@kb9rqz.aprs wrote:
>
>> On Sun, 29 Oct 2006 17:53:09 -0500, Dave <W1MCE@comcast.net> wrote:
>>
>>
>>>Mark@kb9rqz.aprs wrote:
>>>
>>>SNIPPED
>>>
>>>>http://kb9rqz.blogspot.com/
>>>>
>>>
>>>Mark, this is one of many references to your blogspot. What are you trying to say?
>>
>> what ever I like
>> http://kb9rqz.blogspot.com/
>>
>
>FLIP answer. Tnx for nothing.
well when you ask a flip question what do you expect
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1698. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 01:20:55 UTC
From: Mark@kb9rqz.aprs
Message-ID: <crkak29n397bb604iurumlmad7qmnbfo87@4ax.com>
Source record: 50272
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

On Mon, 30 Oct 2006 00:55:23 GMT, Slow Code <my.mail@no.spam> wrote:

>Dave <W1MCE@comcast.net> wrote in
>news:P96dnfjbcIROrdjYnZ2dnUVZ_v2dnZ2d@comcast.com:
>
>> Mark@kb9rqz.aprs wrote:
>>
>> SNIPPED
>>>
>>> http://kb9rqz.blogspot.com/
>>>
>>
>> Mark, this is one of many references to your blogspot. What are you
>> trying to say?
>
>
>Don't try to figure it out Dave, you'll just get a headache.
back for your evening crap I see
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1699. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 01:21:31 UTC
From: Mark@kb9rqz.aprs
Message-ID: <bskak29gr3k915hlab691bue18aq8m1qhn@4ax.com>
Source record: 50273
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

On Mon, 30 Oct 2006 00:55:20 GMT, Slow Code <my.mail@no.spam> wrote:

>Your name <Youremail@email.com> wrote in
>news:e7d54$4544fba3$4b75be7f$18720@ALLTEL.NET:
>
>> Slow Code <my.mail@no.spam> wrote in news:76c0h.19656$UG4.15739
>> @newsread2.news.pas.earthlink.net:
>>
>> well the real easy answer to that question and the only one needed is:
>> NO.
>
>
>Good, we should keep the requirement then, because it has kept a
>lot of Bad people out of ham radio.
no it ishas let too many BAD people in like yourself
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1700. Re: Has morse code saved any lives recently?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 01:30:05 UTC
From: Mark@kb9rqz.aprs
Message-ID: <oblak211hcuv225njo6s97hqp85at2h4u3@4ax.com>
Source record: 50274
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Mon, 30 Oct 2006 00:55:11 GMT, Slow Code <my.mail@no.spam> wrote:

>Mark in the Dark, wrote in
>news:uet9k2lbp0oach1tqljoo02481cq3ceo73@4ax.com:

>
>You don't make any sense Mark in the Dark. If ever there was a reason for
>people to see why we need a code requirement, it's you.
fuunny hopw you are so affraid me gee Code tested hams are endangered
by little old me
>
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1701. Re: Any interesting antenna projects?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 01:36:13 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <zEc1h.6154$Xe6.1991@newsfe15.phx>
Source record: 50275

"Ian White GM3SEK" <gm3sek@ifwtech.co.uk> wrote in message
news:sfveYwG2TGRFFATw@ifwtech.co.uk...
> Sal M. Onella wrote:
> >I am my club's sole source of FD points for UHF/VHF. I have beams for
> >2m & 70 cm, but maybe rhombics are better. From San Diego, most of my
> >DX FD contacts are in the same place: Los Angeles. I don't really
> >need a steerable antenna.
> >
> Well, OK... but it takes a LOT of on-site work before a large rhombic
> can show any advantage over one or two decent long yagis. You'd need to
> put up four masts in precisely surveyed locations, with enough guy
> strength to keep four long spans of wire taut, and then terminate and
> match the thing.
>
> BTDT, and succeeded, but it takes far more work than you imagine. When
> your club is trying to set up several stations all at the same time, you
> may find you don't have enough effort to do it. There's a severe risk of
> winding up with no VHF/UHF antennas at all. BTDT too...
>
> And after having spent all that effort on a fixed beam, are you really
> prepared to risk a sporadic-E opening in a completely unanticipated
> direction?
>
> >Impedance matching to a 700 ohm antenna seems to be a daunting task.
> >If I used a 4:1 balun
>
> That is actually the easy bit. You use the 4:1 balun with an
> old-fashioned device called a "universal stub": a half-wave section of
> parallel line made from a pair of old yagi elements. One end of the stub
> is connected to the antenna, and two clips make a moveable tapping point
> for the balun. Towards the far end of the stub, two more clips make a
> moveable shorting bar.
>
> Detailed dimensions don't matter at all, because you're going to slide
> the shorting bar and the balun along the stub until you find the
> combination that gives minimum SWR. It takes all of five minutes.
>
> That was the easy bit... but it's probably the ONLY easy bit of the
> whole project.
>
> >could I connect two or three independently terminated rhombics (one
> >over the other) in parallel to the balanced side?
>
> Two stacked rhombics are easy to feed - connect the feedpoints by a

> length of open-wire, and then connect the universal stub at the
> mid-point. The counter-intuitive thing is that a pair of antennas that
> could be hundreds of feet long need to be stacked only a few feet above
> each other. But attempting to stack two rhombics will multiply your
> rigging problems by a factor MUCH larger than 2!
>
> Having experienced a large rhombic for VHF, I'd stay with yagis.
>
>
> --
> 73 from Ian GM3SEK 'In Practice' columnist for RadCom (RSGB)
> http://www.ifwtech.co.uk/g3sek

Thanks for the detailed, thoughtful reply. I need to learn more about matching, as the term "universal stub" is a new one to me. (I know of stubs only for their value as coaxial tuned traps.) However, a matching task that takes only five minutes has built-in appeal and WILL be pursued!

If I do a rhombic, I think it will be for 70 cm first, since the size is easier to manage. The FD location includes a baseball backstop which will serve as a tiepoint for the near end of the rhombic; if I erect and guy a single pole off in the desired direction, I can run lines from it to the baseball backstop and, from these lines, suspend the antenna. Since this is all play and no work, the complexity is of no concern. If I get it built and tested before field day, it will be no more time-consuming to set up than a yagi.

Er ... what about polarization? The HF rhombic is horizontally polarized, I think. If I do that at 70 cm, I'll be cross-polarized with the rest of the FM voice world, won't I? I should rotate the whole thing 90 degrees, eh?

An aside: When I was a young sailor (USN), I was stationed at a communications receiving site in the Philippines. We had over a square mile of antennas, including dozens of HF rhombics. We could hear anything.

1702. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 01:36:24 UTC
From: Telamon <telamon_spamshield@pacbell.net.is.invalid>
Message-ID: <telamon_spamshield-3567AF.17362429102006@newsclstr02.news.prodigy.com>
Source record: 50176
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

In article <1162152342.205796.259410@e64g2000cwd.googlegroups.com>,
hjsjms@cs.com wrote:

< Snip off topic crapola >

Quite frankly I'm tired of seeing posts arguing about the amateur code
requirement in rec.radio.shortwave so I'm kill filing everyone in the
thread or any other thread with that subject from now on.

--
Telamon
Ventura, California

1703. Re: Stamp collecting and creativity

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 01:38:13 UTC
From: Mark@kb9rqz.aprs
Message-ID: <2qlak2djtnersr8v77sddiio75cl4an312@4ax.com>
Source record: 50177
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Mon, 30 Oct 2006 00:56:02 GMT, Slow Code <my.mail@no.spam> wrote:

>"amdx" <amdx@knology.net> wrote in
>news:262b0$454498ba$45011502$14919@KNOLOGY.NET:
>
>>
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:Xwx0h.349$LI4.140@newsread2.news.pas.earthlink.net...
>>> Maybe you people could try stamp collecting.
>>>
>>> SC
>>
>> All these people that go out and buy stamps,
>> they should be making there own. There seems to be
>> a post office in every city, it just ruins there creativity
>> and thinking!
>> Mike
>
>
>You don't cut wood for winter,
I do
>forage the woods for berries,
no but cherries and aples and other things yes
> turn the
>crank on a model T, build spears to kill a deer, wash clothes in a
>river, or make candles to light the night, why would you want to make
>your own stamps? Just collect them, no CW test required.

why? becuase you are afraid of the No Coder oh not bold brave CWer
afraid of the Nocoders
>
>Try not to drool on the sticky side.
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1704. clean up ham radio SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 01:41:36 UTC
From: Mark@kb9rqz.aprs
Message-ID: <91mak2dke0b7f1elkb9oushn7ibjsoh5sd@4ax.com>
Source record: 50178
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

On Mon, 30 Oct 2006 00:55:12 GMT, Slow Code <my.mail@no.spam> wrote:

>Having to hear no-codes on HF will be worse than torture.
then trun in your license

in reality you will hardly any change at first when the change goes
through
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1705. Re: Response to SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 01:44:48 UTC
From: Mark@kb9rqz.aprs
Message-ID: <j7mak2lfmppit9lh9uqago00sgk7i60juo@4ax.com>
Source record: 50179
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,rec.radio.amateur.policy

On Mon, 30 Oct 2006 00:55:48 GMT, Slow Code <my.mail@no.spam> wrote:

>"Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in
>news:Vo91h.1331$nG1.778@tornado.southeast.rr.com:
>
>> If Slow Code left, I would miss him.
>>
>> I do not agree with him most of the time. As a matter of fact, he is
>> dead
>> wrong a lot of the time.
>>
>> At least he stands up for what he believes in.
>>
>> I myself, do not think that every ham should have to be able to
>> send/copy
>> code at 20wpm no more that I think they should be tested on psk,rtty,
>> slow scan tv. etc.
>>
>> Some people have a passion for code and some have a passion for other
>> modes. I use them all from time to time, and to be honest, after I move
>> next year, I am going to work on my code a bit more when I have the time
>> to do so.
>>
>> However, I will still give him a hard time about his ranting. After all
>> I
>> have not heard anyone tell him that he is not a real ham because he does
>> not have psk nailed down..HI HI
>> Joe
>> KI4ILB
>
>
>I was part of the big RRAP CW and anti-ARRL fights of the late 90's up
>until restructuring went into effect, then my posting tapered off. I'll
>disappear again once the FCC totally kills off ham radio by eliminating
>the code requirement.
you planing to turn in your licens ein protest
> When that happens, I'll wear a strip of black
>electricians tape around my arm in memorial and observe twenty-four hours
>of radio silence in memory of a once proud service.
>
>Rest in Peace, Ham Radio. You were a good and faithful friend.
>
>SC

http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1706. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 01:55:39 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1162173339.338660.276100@b28g2000cwb.googlegroups.com>
Source record: 50180
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

Telamon wrote:
> In article <1162152342.205796.259410@e64g2000cwd.googlegroups.com>,
> hjsjms@cs.com wrote:
>
> < Snip off topic crapola >
>
> Quite frankly I'm tired of seeing posts arguing about the amateur code
> requirement in rec.radio.shortwave so I'm kill filing everyone in the
> thread or any other thread with that subject from now on.
so do it and stop whing about it
>
> --
> Telamon
> Ventura, California

1707. Re: Timewave ANC-4 question!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 02:19:47 UTC
From: Sun Tzu <Sun_Tzu@war_what_does_it_mean.org>
Message-ID: <L8idnQnbYKJkwtjYnZ2dnUVZ_ridnZ2d@hawaiiantel.net>
Source record: 50181

Jan Simons PA0SIM wrote:

>>>> .....
>>>> If you would have any ideas as to modifying the ANC-4 I would'nt mind
>>>> working with you on this project. But I will leave that one up to you.
>>>> .....
>>>
>>> Sri, I prefer my Digital Signal Processing route with the two Elecraft
>>> K2 receivers.
>>> DSP makes an ideal phaser. So no need here for a "better" analog one.
>>> And DSP gives me a lot more tricks to reduce interference and noise.
>>>
>>> 73 es gl de Jan PA0SIM
>>
>>
>> May I ask what the tricks are?
>>
> Of course:
>
> 1) With only one receiver and one antenna:
> - Noise Reduction and Noise Blanker tricks as you see now implemented
> in the new DSP transceivers like the Orion and the SDR1000 (all the DSP
> must be in the AGC loop!).
> - In DSP it is possible to make very small bandwidth CW filters.
> - For better CW readability one can use binaural or panoramic reception.
> - DSP makes multi notch filtering possible (SSB)
> - In DSP it is possible to realize almost every AGC you can think of.
> (a better AGC can improve weak signal reception)
>
> 2) with two (or more) antennas and two phase coherent receivers
> - In DSP it is possible to realize the ideal phaser.
> - An alternative is "effective directivity" by frequency component
> selection
> see: http://home.plex.nl/~jmsi/Effective%20directivity%20by%20DSP.htm
> (the audio samples show what is possible with it)
> - True Diversity Reception, because both receivers can be made identical.
> - Enhanced Stereo Reception can improve readability for CW/SSB signals.
>
> 3) and the tricks I dont know yet. I am not a DSP guru.
> For example: (Blind) Source Seperation?
> see: http://en.wikipedia.org/wiki/Source_separation
> Rather complex stuff HI.
>

> Don't forget that not all DSP in the new tranceivers is well implemented.
> Important is to recognize that DSP has a bright future for us.
>
> 73 de Jan PA0SIM

I have an SDR-1000, not really excited with the way it works. Especially the noise blankers. Not sure if its the latest SVN or what but the noise blankers just dont seem to do the job.
I agree with the filtering though. Its better than many rigs I have heard. I recently added a roofing filter to an "old" Kenwood 930 and it did make a difference. I noticed the difference in the CQWW contest that just completed. One night I used the 930 the other the SDR 1000. Both receivers seemed to work as well as the other. All was going well until the antenna quit on me. This my friend is a whole other story. Shortened verticals are not the answer.
Guess I will call Force 12 in the morning and see what they can offer me for a 75/80 meter antenna.

1708. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 02:20:33 UTC
From: Radiosrfun <radiosrfun@radiosrfun.com>
Message-ID: <454560ad$0$13826$ecde5a14@news.coretel.net>
Source record: 50182
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

"Telamon" <telamon_spamshield@pacbell.net.is.invalid> wrote in message
news:telamon_spamshield-3567AF.17362429102006@newsclstr02.news.prodigy.com...
> In article <1162152342.205796.259410@e64g2000cwd.googlegroups.com>,
> hjsjms@cs.com wrote:
>
> < Snip off topic crapola >
>
> Quite frankly I'm tired of seeing posts arguing about the amateur code
> requirement in rec.radio.shortwave so I'm kill filing everyone in the
> thread or any other thread with that subject from now on.
>
> --
> Telamon
> Ventura, California

A-men.......... Bro! It's not getting anyone anywhere. Just tying up
bandwidth and making the groups BORING. I've killfiled more people than I
think the computer can keep track of. DAMNED. We'll be talking to ourselves
pretty soon.

1709. Re: Large Wire Antenna for 17m

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 03:42:10 UTC
From: Alan Taylor <adt1944@hotmail.com>
Message-ID: <45457491$1_1@news.iprimus.com.au>
Source record: 50184

Some good ideas, thanks.
Uni or Bi directional are both OK. I can get about 55ft in height. I just want to use the space I have as effectively as I can for a 17m antenna. I am OK for quite a few bands with my existing antennas but cant put up my tower because of the visual impact! I will look at some of the antennas you have suggested.

73 Alan

"Alan Taylor" <adt1944@hotmail.com> wrote in message
news:454197c4$1_1@news.iprimus.com.au...
>I have some space and some high trees. I already use a 400ft doublet with
>atu for several bands and a 30m half square and get good results. I want to
>improve my performance on 17m. I am now thinking about a wire antenna
>with reasonable performance for 17m only. I have thought about a full wave
>loop, even a bobtail. A broadside array would be great but I am not keen
>on antennas with reflectors or directors because of the complexity of
>support ropes. So, really some kind of antenna supported by ropes from two
>trees would be ideal. Any ideas please?
>
> Alan VK6BN
>

1710. Re: Response Marqueer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 03:43:10 UTC
From: MarQueerMyDear <dear_marqueer_marky@mail2princess.com>
Message-ID: <1162179790.316284.25260@f16g2000cwb.googlegroups.com>
Source record: 50183
Cross-posted to:
rec.radio.cb,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,rec.radio.amateur.policy

Mark@kb9rqz.aprs wrote:
> On Mon, 30 Oct 2006 00:55:48 GMT, Slow Code <my.mail@no.spam> wrote:
>
> >"Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in
> >news:Vo91h.1331$nG1.778@tornado.southeast.rr.com:
> >
> >> If Slow Code left, I would miss him.
> >>
> >> I do not agree with him most of the time. As a matter of fact, he is
> >> dead
> >> wrong a lot of the time.
> >>
> >> At least he stands up for what he believes in.
> >>
> >> I myself, do not think that every ham should have to be able to
> >> send/copy
> >> code at 20wpm no more that I think they should be tested on psk,rtty,
> >> slow scan tv. etc.
> >>
> >> Some people have a passion for code and some have a passion for other
> >> modes. I use them all from time to time, and to be honest, after I move
> >> next year, I am going to work on my code a bit more when I have the time
> >> to do so.
> >>
> >> However, I will still give him a hard time about his ranting. After all
> >> I
> >> have not heard anyone tell him that he is not a real ham because he does
> >> not have psk nailed down..HI HI
> >> Joe
> >> KI4ILB
> >>
> >>
> >I was part of the big RRAP CW and anti-ARRL fights of the late 90's up
> >until restructuring went into effect, then my posting tapered off. I'll
> >disappear again once the FCC totally kills off ham radio by eliminating
> >the code requirement.
> you planing to turn in your licens ein protest
> > When that happens, I'll wear a strip of black
> >electricians tape around my arm in memorial and observe twenty-four hours
> >of radio silence in memory of a once proud service.
> >
> >Rest in Peace, Ham Radio. You were a good and faithful friend.

> >
> >SC
> http://kb9rqz.blogspot.com/
>
> --
> Posted via a free Usenet account from http://www.teranews.com

STFU faggot

1711. id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 04:55:49 UTC
From: Mark@kb9rqz.aprs
Message-ID: <sb1bk2p8t70i61a8qb2n8k2fer7s9g09q6@4ax.com>
Source record: 50185
Cross-posted to:
rec.radio.cb,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,rec.radio.amateur.policy

On 29 Oct 2006 19:43:10 -0800, "MarQueerMyDear"
<dear_marqueer_marky@mail2princess.com> wrote:

>

>> Posted via a free Usenet account from http://www.teranews.com
>
>
>STFU faggot
no I do not take orders from criminals beside you don't even WANT to
shut up you want me to post so you can continue to spew your hate

Id theft is a crime and you remain a criminal a coward and a poor ham
if you are a ahm at all
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1712. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 05:16:57 UTC
From: "R. Scott" <spamtrap@w7psk.net>
Message-ID: <hr2dndbOKMxXF9jYnZ2dnUVZ_t6dnZ2d@comcast.com>
Source record: 50186
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

> Good, we should keep the requirement then, because it has kept a
> lot of Bad people out of ham radio.
>
> SC

How come it didnt keep you out ?

1713. Re: Possible NEC2 bug

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 09:33:02 UTC
From: neok <n5b4az@yahoo.com>
Message-ID: <1162200782.875751.114810@e3g2000cwe.googlegroups.com>
Source record: 50187

On Oct 30, 12:29 am, "Frank's" <frank...@nospam.telus.net> wrote:
A quick check of the NEC 2 manual indicates the SC card
> does not appear to be supported. It does not run with
> my NEC2 program, but works fine in NEC4.
>
Well it is, it has to be since its the only way to input data
for anything but a random shaped patch. It works for me
here anyhow. It doesn't work on its own though, has to
follow an SP card.
> I am sure Gerry Burke at LLNL would be glad to help you.
>
I managed to find an email address I could reach him eventually,
hope he can have a look at this, it may be in the NEC4 code as
well.

Thanks for your input and 73's

Neoklis

1714. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 13:13:47 UTC
From: hjsjms@cs.com
Message-ID: <1162214027.241517.284380@b28g2000cwb.googlegroups.com>
Source record: 50188
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

```
Mark@kb9rqz.aprs wrote:
> On 29 Oct 2006 13:06:10 -0800, hjsjms@cs.com wrote:
>
> >
> >an_old_friend wrote:
> >> hjs...@cs.com wrote:
> >> > M...@kb9rqz.aprs wrote:
> >> > > On 29 Oct 2006 12:05:42 -0800, hjsjms@cs.com wrote:
> >> > >
> >> > > >
> >> > > > >Slow Code wrote:
> >> > > > >> Opus- <jbuchy@shaw.ca> wrote in
> >> > > > >> news:n1g0k2h8kugbpj65vjk8fc96uk5hsl70k8@4ax.com:
> >> > > > >>
> >> > > > >> > Don't you have some offs to fuck?
> >> > > > >> >
> >> > > > >>
> >> > > > >>
> >> > > > >> Why do no-coders always break down in the middle of an argument and start
> >> > > > >> spewing profanities? I just don't understand it. It must be do to their
> >> > > > >> limited mental abilities.
> >> > > > >>
> >> > > > >> Opus being a Cannuk probably doesn't help either.
> >> > > > >>
> >> > > > >> SC
> >> > > > >
> >> > > > >Removing the code requirement at this late date would do little to
> >> > > > >increase the number of hams applying for a license.
> >> > > > but it can help retain those we get and encourage them into intagrate
> >> > > > into the ARs as opposed to being driven out by such as SC
> >> > >
> >> > >
> >> > How would retaining the code requirement help to retain those you do
> >> > get. I do not understand.
> >> obviously you do not understand since the opisite was said ending code
> >> tsting could help retain the new hams
> >
> >I see that you real as well as you spell, which is not very good. I
> >was responding to the following: "but it can help retain those we get
> >".
> I "real"? indeed I see what you are responding to but you clearly
> can't read the sentence since neither of the preceeding poster is
> tlaking about reatining code testing
```

> and neither he 2 yet futher in the tree were talking and code testing
> at all
>
> the only one that thinks the poster are sufggesting code testing will
> retain anything is you and where you get is beyond me

hjs...@cs.com said:
"Removing the code requirement at this late date would do little to
increase the number of hams applying for a license. "

To which M...@kb9rqz.aprs responded:
"but it can help retain those we get "

And hjs...@cs.com said:
"I see that you real(sp) as well as you spell, which is not very good.
I
was responding to the following: "but it can help retain those we get"

And M...@kb9rqz.aprs said:
"the only one that thinks the poster are sufggesting code testing will
retain anything is you and where you get is beyond me"

If M...@kb9rqz.aprs will take the time to read the threaded responses
he will understand how the thread unfolded.

> http://kb9rqz.blogspot.com/
>
> --
> Posted via a free Usenet account from http://www.teranews.com

1715. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 13:30:11 UTC
From: Frank Dresser <analogdial@worldnet.att.net>
Message-ID: <D7n1h.381581$QM6.202085@bgtnsc05-news.ops.worldnet.att.net>
Source record: 50189
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

"Radiosrfun" <radiosrfun@radiosrfun.com> wrote in message
news:454560ad$0$13826$ecde5a14@news.coretel.net...
>
> A-men.......... Bro! It's not getting anyone anywhere. Just tying up
> bandwidth and making the groups BORING. I've killfiled more people than I
> think the computer can keep track of. DAMNED. We'll be talking to
ourselves
> pretty soon.
>
>

If you mean just SWLs discussing various aspects of the radio hobby on rec.radio.shortwave, well, let's hope so. The code/no code discussion got boring years ago. Or perhaps it's the posters who are boring. Either way, the crossposters from rec.radio.amateur groups make up the bulk of my killfile.

Frank Dresser

1716. i punce in agin

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 13:37:49 UTC
From: Mark@kb9rqz.aprs
Message-ID: <4545f349$0$12054$88260bb3@free.teranews.com>
Source record: 50190
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

ok I back four anoter tuff day on the news grupes it my job tis waht I do
so
bringit on you loosers

show-na-to-va (that is the greeting for this time of year as a JEW
rendered phonicticaly)
happy new years it means and it can be better one if Wismen Robson and
SC a few just decided to not to be as hateful

with the punce gotcha he wonders why I simple don't bother to ty
impoving my spelling do u hav anyting cognet two say?

http://www.marksspamblog.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1717. Re: i punce in agin

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 13:46:19 UTC
From: Mark@kb9rqz.aprs
Message-ID: <4545f549$0$12080$88260bb3@free.teranews.com>
Source record: 50191
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

<n3ox.dan@gmail.com> wrote in message
news:1162215787.165148.232880@i42g2000cwa.googlegroups.com...
> You are a whackjob and you and Slow Code are undoubtedly the same
> goddamn person. I can't WAIT until the code is dropped. I'd honestly
> rather have you on 75 meters than crossposting to every
> rec.radio.amateur newsgroup you can find.
with the punce gotcha he wonders why I simple don't bother to ty
impoving my spelling do u hav anyting cognet two say?

my blog
http://www.marksspamblog.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1718. id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 15:20:09 UTC
From: Mark@kb9rqz.aprs
Message-ID: <r06ck2pvhblf9css46ggplan984bjj96ae@4ax.com>
Source record: 50192
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

On Mon, 30 Oct 2006 08:37:49 -0500, <Mark@kb9rqz.aprs> wrote:

>
id theft is a crime
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1719. id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 15:22:16 UTC
From: Mark@kb9rqz.aprs
Message-ID: <p46ck2l9mfk4j6bla4tbu27pmj8sl79hj3@4ax.com>
Source record: 50193
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

On Mon, 30 Oct 2006 08:46:19 -0500, <Mark@kb9rqz.aprs> wrote:

>
><n3ox.dan@gmail.com> wrote in message
>news:1162215787.165148.232880@i42g2000cwa.googlegroups.com...
>> You are a whackjob and you and Slow Code are undoubtedly the same
>> goddamn person. I can't WAIT until the code is dropped. I'd honestly
>> rather have you on 75 meters than crossposting to every
>> rec.radio.amateur newsgroup you can find.
>with the punce gotcha he wonders why I simple don't bother to ty
> impoving my spelling do u hav anyting cognet two say?

id theft is a crime
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1720. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 15:28:05 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <ioudnfSqo7aeh9vYnZ2dnUVZ_qGdnZ2d@comcast.com>
Source record: 50194
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

Mark@kb9rqz.aprs wrote:

SNIPPED
>>
>>FLIP answer. Tnx for nothing.
>
> well when you ask a flip question what do you expect
> http://kb9rqz.blogspot.com/
>

I still don't understand why you respond to a post by ONLY listing your blogspot.

What am I missing. My question was not 'flip', it was serious.

But I guess you have nothing worthwhile to say except look at my ....

1721. Re: Timewave ANC-4 question!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 15:33:33 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <tIOdncmQsZnWhtvYnZ2dnUVZ_uqdnZ2d@comcast.com>
Source record: 50195

Sun Tzu wrote:

> I use an Timewave ANC-4 to reduce noise on the low bands at my location.
> On 40 & 160 meters I can reduce the noise almost to S1, but on 75 meters I
> can only reduce it to S4-5.
> I use a noise sense antenna which is a dipole 4ft on each side about 4
> inches off the ground and parallel to the power and telephone lines.
> Anyone have one of these units and having any ideas I might try to reduce 75
> meters to a lower S-meter reading?
>
> All my low band antennas are verticals.
>
> Stan
> AH6JR

Regarding the various DSP and Filtering comments.

The ANC-4 keeps most of the noise crap from ever getting into the radio in the first place. Local manmade noise is phase canceled BEFORE the first rf connector INTO the rig.

This makes the DSP/Filter functions much more effective in that they have a less severe noise environment to deal with.

I use an ANC-4 with an ICOM 756 Pro III. I wouldn't be without the ANC-4.

/s/ DD

1722. Re: random wire auto tuner vs 4:1 Balun

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 15:57:00 UTC
From: Jerry <joxendi@bellsouth.net>
Message-ID: <Vip1h.14414$Fd7.10701@bignews6.bellsouth.net>
Source record: 50196

"Va3mrj" <dbjohnson@rogers.com> wrote in message
news:1162156687.590406.3270@i42g2000cwa.googlegroups.com...
>I have used an SGC 230 to tune a eandom long wire with great results
> but it died and I installed a 4:1 balun and now us the internal 50 ohm
> tuner in my Icom IC 746. It tunes the long wire the same but is it as
> efficient as the SGC?
>
> I plan on putting up a flagpole antennae and want to use the 4:1 balun,
> one side to the ground radials and the other to the flagpole. Appreiate
> any advice in this project.

Not meaning to give a short answer, but no "tuner" is 'efficient'. Of you
may already know that :). I would theorize (sic?) that the SGC would be
more "efficient" simply because of larger inductors and more capacity;
sometimes, bigger IS better! >:) Same way a large bugcatcher is more
efficient than a hamstick!

Perhaps, someone else has more.....?

Good luck.

Jerry
>

1723. Re: 10 meter mobile antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 16:08:18 UTC
From: Jerry <joxendi@bellsouth.net>
Message-ID: <xtp1h.14419$Fd7.887@bignews6.bellsouth.net>
Source record: 50198

"Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in message
news:OIa1h.3155$HD6.2200@tornado.southeast.rr.com...
> Ok which one would you recommend?
>
> http://www.mouser.com/search/Refine.aspx?Ne=1447464+254016&Ntt=*330pf*&Mkw=330pf&N=13230
38+0
>
> Thanks
> joe
>
>
>>
>> I've been able to mail order most any electrical part from Mouser. No
>> minimum order. And it puts you on the list for their huge catalog.
>>
>> bob
>> k5qwg
>>
>>
>> >
>> >> >vertical without having to cut it.
>> >>
>> >> I did exactly this (20 years ago). I used a variable compression
> trimmer
>> >> capacitor to check that I could actually get a low SWR, measured it,
> and
>> >> fitted the nearest value disc ceramic (rated at 500VDC). I think it
>> >> was
>> >> 330pF. No problems with 40W.
>> >> Ian.

I once saw a 102" whip on a motor home that had literally been wound into a
4 " dia coil about half way up! It looked like one of those CB "big coil"
trucker antennas except it was all in one piece. I can only surmise that he
heated it and wound it around some sort of form. It shortened the thing down
to less that 5 feet. But, then, wouldn't that take the temper out of the
steel and make it flop over the next time it was hit? There was also no
evidence of heating, either; it looked like it had been formed at the
beginning of its life. Anybody ever see anyone do this before. If so, how
was it done?

73

Jerry
>> >> --

>> >>
>> >
>
>

1724. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 16:08:27 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1162224507.126449.236550@e64g2000cwd.googlegroups.com>
Source record: 50197
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

Dave wrote:
> Mark@kb9rqz.aprs wrote:
>
> SNIPPED
> >>
> >>FLIP answer. Tnx for nothing.
> >
> > well when you ask a flip question what do you expect
> > http://kb9rqz.blogspot.com/
> >
>
> I still don't understand why you respond to a post by ONLY listing your blogspot.
I don't so I can't help you understand beyond that
>
> What am I missing. My question was not 'flip', it was serious.
what are you missing? I realy don't know I could speculate, but I
suspect youd like that even less
>
> But I guess you have nothing worthwhile to say except look at my ....
guess wrong again

By now I am can say you are fool or just another of the troll of the
interent but hopefully you knew that

1725. Re: 10 meter mobile antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 16:21:27 UTC
From: Jerry <joxendi@bellsouth.net>
Message-ID: <VFp1h.14423$Fd7.4726@bignews6.bellsouth.net>
Source record: 50199

"Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in message
news:o_81h.1326$nG1.900@tornado.southeast.rr.com...
> It would not be mounted on the bumper.
> My thinking is that since the first 1/3 of an antenna does the most
> radiating, get it as far away from any metal (broadside) that you can.
> It would be mounted in a stake-hole (one of the 4 square holes in each
> corner of the truck bed.
> Joe
>>
>> A 1/8wl antenna mounted in the center of your roof will probably work
> better
>> than the 1/4 lambda antenna on the bumper.

To each his own, but I don't agree with the "bottom" of the antenna doing the radiating. :) The bottom, *if* I understand it correctly--and I am not here to prove anything or start a flame war (I ain't got time for that ;))--is the voltage portion, the top would be the current (RF) portion. Witness what happens if you grab an antenna (dipole. The current at the ends can reach levels to produce serious burns! Grab a mobile antenna below the loading coil while transmitting. You won't feel a thing! Grab it at or above the coil, it will burn the hell out of you (X-numbers of milliamps of RF current). The next thing is, IMHO, if your antenna is radiating from the bottom, WHY would you even NEED the rest of the antenna? LOL! Next there's those pesky ground proximities that tend to "grab" a signal and just spoil everything.

Now I am not trying to start a war, prove anyone wrong, annoy anyone, or engage in a "I'm-smarter-than-you-and-I'm-not-gonna-yield" etc, etc. I'll yield because it is 1) not important to me) and 2) cuz I ain't got time to get into a theory war today! ;) But, I am just of the opinion that the RF is where the thing will burn the crap out of you if you grab it!!! I've been burnt plenty of times, and it ain't pleasant!!!

73

Jerry
>>
>>
>
>

1726. Re: no

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 16:26:54 UTC
From: Jerry <joxendi@bellsouth.net>
Message-ID: <0Lp1h.14426$Fd7.12822@bignews6.bellsouth.net>
Source record: 50200
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

<Mark@kb9rqz.org> wrote in message
news:0hqij2pe2svqh92ip5bn6pt8bj1j1sov2d@4ax.com...
> On Fri, 20 Oct 2006 23:44:46 GMT, Slow Code <my.mail@no.spam> wrote:
>
>>Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
>>news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
>>
>>> There was recently a thread here on the subject of whether morse had
>>> saved any lives recently. Well it has in the UK!
>>>
>>> Have a look at
>>> http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
>>>
>>> "Torch used in Morse code rescue.
>>> Coastguards in Hampshire have rescued a sailor who used his torch to
>>> flash an SOS message in Morse code."
>>>
>>> Ian.
>>
>>
>>Boy, Lenny Anderson is going to be pissed. That's not the sort
>>of CW news he likes to hear. Lucky for the sailor there was
>>still someone out there that knew code.
> no CW involved SC you lose again
>>
>>SC
> http://kb9rqz.blogspot.com/
>
> --
> Posted via a free Usenet account from http://www.teranews.com

HUH? Morse is Morse regardless if it is done with a key, a Navy ship's lamp, a flashlight, or it is pecked out with a hammer or stick!! ... --- ...! It DID save someone's life and a sinking boat...well, maybe not the boat!;)

If someone taps out code, it may not be Continuous Wave Telegraphy, but it is still the same principle.

J
>

1727. the deperate grasping at straws

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 16:34:37 UTC
From: Mark@kb9rqz.aprs
Message-ID: <18ack2ti8suadhah5ilsj5bf4r19n16u4i@4ax.com>
Source record: 50201
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Mon, 30 Oct 2006 11:26:54 -0500, "Jerry" <joxendi@bellsouth.net>
wrote:

>
><Mark@kb9rqz.org> wrote in message
>news:0hqij2pe2svqh92ip5bn6pt8bj1j1sov2d@4ax.com...
>> On Fri, 20 Oct 2006 23:44:46 GMT, Slow Code <my.mail@no.spam> wrote:
>>
>>>Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
>>>news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
>>>
>>>> There was recently a thread here on the subject of whether morse had
>>>> saved any lives recently. Well it has in the UK!
>>>>
>>>> Have a look at
>>>> http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
>>>>
>>>> "Torch used in Morse code rescue.
>>>> Coastguards in Hampshire have rescued a sailor who used his torch to
>>>> flash an SOS message in Morse code."
>>>>
>>>> Ian.
>>>
>>>
>>>Boy, Lenny Anderson is going to be pissed. That's not the sort
>>>of CW news he likes to hear. Lucky for the sailor there was
>>>still someone out there that knew code.
>> no CW involved SC you lose again
>>>
>>>SC
>> http://kb9rqz.blogspot.com/
>>
>> --
>> Posted via a free Usenet account from http://www.teranews.com
>
>
>HUH? Morse is Morse regardless if it is done with a key,
but morse being merely has NOTHIng to do with radio
> a Navy ship's
>lamp, a flashlight, or it is pecked out with a hammer or stick!! ... ---
>...! It DID save someone's life and a sinking boat...well, maybe not the
>boat!;)
so what? you wish to argue that Conitued code testing is nessary since

soembody somewhere might save a life with it in an unrealted field
>
>If someone taps out code, it may not be Continuous Wave Telegraphy, but it
>is still the same principle.

and all
>
>
Look at this ass he realy think a ship sinking saving people with a
flashing light has any relavance to the topic ARS rules

get some therapy sir I truely mean you have lost it
>J
>>
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1728. Re: 10 meter mobile antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 16:55:16 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <U7q1h.23513$e66.18988@newssvr13.news.prodigy.com>
Source record: 50202

Jerry wrote:
> The bottom, *if* I understand it correctly--is the voltage portion,
> the top would be the current (RF) portion.

Nope, for a 1/4WL mobile antenna, the feedpoint is the
high current, low voltage point. The tip top is the
low current, high voltage point. The thing that tends
to bite us is the high voltage.

Consider that the top portion of a mobile antenna can
be a low-radiation top hat while the bottom of the
antenna (high current section) is radiating very well.
--
73, Cecil http://www.w5dxp.com

1729. Re: fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 17:45:49 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <ei5f80$1ga$1@news.service.uci.edu>
Source record: 50205

Tony VE6MVP wrote:
> On Sat, 28 Oct 2006 16:01:03 GMT, Tony VE6MVP <tony@REMOVEve6mvp.com>
> wrote:
>
>
>>Seems like those fuel canisters are just a bit on the pricey side.
>
>
> When I run the numbers through I get N-Gen at $1000 and Honda EU1000i
> at $790. Close enough for now.
>
> But the fuel is much different. - N-Stor130 is 130 W-h for a cost of
> $450. But the Honda fuel consumption is 3.8 hours at rated
> continuous duty of 900 watts. Or a 0.6 US gal tank of gas produces
> 3420 W-h. That's about $2.
>
> So 130 W-h for $450 or 3420 W-h for $2.
>
> Unless you really, really need that absolute quiet of the fuel cell or
> have unusual conditions such as the space shuttle then it's a no
> brainer to me.
>
> Tony

Makes absolute sense to me. What we need is for somebody to invent
synthetic gasoline that doesn't produce CO2 and is willing to sell it
for a dollar or two a gallon.

73, ac6xg

1730. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 17:59:41 UTC
From: hjsjms@cs.com
Message-ID: <1162231181.691105.5700@i42g2000cwa.googlegroups.com>
Source record: 50203
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

Dave wrote:
> hjsjms@cs.com wrote:
>
> SNIPPED
> >
> > Removing the code requirement at this late date would do little to
> > increase the number of hams applying for a license. At one time,
> > possibly 30 years ago it would have made sense to replace the code test
> > with one that emphasizes skills that actually have a use in the real
> > world. Sadly, I think that there is little that can be done to attract
> > younger hams into the hobby. There are just too many license-free ways
> > of communicating with people from around the world.
> >
>
> Amateur Radio is about much more than "communicating with people from around the
> world".
>
> Amateur Radio is about LEARNING !!! LEARNING some physics, learning about
> sunspots, learning about antennas, learning about propagation, learning about
> some electronics, learning about digital communication techniques, learning
> about VHF propagation, learning about microwaves, learning about wide band tv
> systems, learning about narrow band tv systems, learning about ... [you complete
> the phrase].
>
> If you just want to talk around the world, use CB. If you just want to talk
> around town, use FRS. If you want to LEARN about radio become an Amateur Radio
> operator [make a commitment to LEARN].

I agree - learning something about amateur radio is a requirement for
passing the test. The real question is what kinds of knowlege about
amateur radio should be required of prospective hams before giving them
a license. It would seem to me that testing a prospective ham for
knowlege of how radios operate, how to set up a station properly and
how to operate the equipment safely would be a primary concern. Next
the ham should be able to demonstrate an ability to use the equipment
to communicate in an efficient and courteous manner in a mode that is
widely used. Voice is hands down the most frequently used mode of
communication. Additionally, a knowlege of how to communicate via
radio using voice would be a big help when trying to make contact
during an emergency with professional rescue groups. Having the
prospective ham learn morse code would not provide him with a skill
that has any real world use.

1731. Re: Possible NEC2 bug

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 18:01:40 UTC
From: Frank's <frank599@nospam.telus.net>
Message-ID: <86r1h.75283$E67.29603@clgrps13>
Source record: 50204

> A quick check of the NEC 2 manual indicates the SC card
>> does not appear to be supported. It does not run with
>> my NEC2 program, but works fine in NEC4.
>>
> Well it is, it has to be since its the only way to input data
> for anything but a random shaped patch. It works for me
> here anyhow. It doesn't work on its own though, has to
> follow an SP card.

I should have looked more carefully. I found it on page 30
under details for the SP card. Strange, but my NEC-Win Pro
does not recognize SC. When I attempt to run your code
I get the following error message in the NEC output file:
"NUMBER OF WIRE SEGMENTS AND SURFACE
PATCHES EXCEEDS DIMENSION LIMIT".

You could also try to contact LB Cebik for help at:
www.cebik.com

73,

Frank

>> I am sure Gerry Burke at LLNL would be glad to help you.
>>
> I managed to find an email address I could reach him eventually,
> hope he can have a look at this, it may be in the NEC4 code as
> well.
>
> Thanks for your input and 73's
>
> Neoklis
>

1732. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 19:57:34 UTC
From: Bill <baycock@hughes.net>
Message-ID: <1162238254.786244.302400@b28g2000cwb.googlegroups.com>
Source record: 50206
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

It's not code requirements or tests that is keeping (and driving) good
people out of ham radio, and away from lists like these, it's
psychopaths like SC and the idiots that feed him. This WAS about real
issues, and about technology (I hit this cesspool from the antennas
list), but it is not now.
Thanks to the crap fron SC, and from the idiots that feed this Troll,
I'm leaving. On real lists, s--t pots like him are kicked out. On
usenets, the only way is to quit feeding his ego, but, unfortunately,
he is not the only idiot here.
Bye-Bill

1733. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 20:25:30 UTC
From: charlie <wehatespam@wymsey.co.uk>
Message-ID: <UaadnZzPfPgmwtvYRVnysg@pipex.net>
Source record: 50207

```
-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

Telamon wrote:
> In article <1162152342.205796.259410@e64g2000cwd.googlegroups.com>,
> hjsjms@cs.com wrote:
>
> < Snip off topic crapola >
>
> Quite frankly I'm tired of seeing posts arguing about the amateur code
> requirement in rec.radio.shortwave so I'm kill filing everyone in the
> thread or any other thread with that subject from now on.
>

If everyone was aware of all the cross posting and only responded to
the group they are in that would be a great help - it might stop the
same old crap being repeated in every radio group that I subscribe to!

Charlie.

- --
www.wymsey.co.uk
-----BEGIN PGP SIGNATURE-----
Version: GnuPG v1.4.2 (GNU/Linux)
Comment: Using GnuPG with SUSE - http://enigmail.mozdev.org

iD8DBQFFRl+6fhKqaKFAJ/YRAue6AJ0ZzHOMcXlJX89CbwgdfuB5xAId4QCeK1Ql
AM2ijfOPXNV1fcRsLZmK804=
=GR+p
-----END PGP SIGNATURE-----
```

1734. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 20:34:40 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Alt1h.1644$wX.429@newssvr12.news.prodigy.com>
Source record: 50208

charlie wrote:
> If everyone was aware of all the cross posting and only responded to
> the group they are in that would be a great help - it might stop the
> same old crap being repeated in every radio group that I subscribe to!

I tried replying only to rec.radio.amateur.policy but the
misbehaving posters added all the other groups back into
the followup reply.
--
73, Cecil http://www.w5dxp.com

1735. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 20:41:12 UTC
From: "Alun L. Palmer" <elektros@yahoo.com>
Message-ID: <Xns986C9F8B3F376elektrosmdonet@217.22.228.20>
Source record: 50209
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

kelly@dvol.com wrote in
news:1160949009.882798.262830@m7g2000cwm.googlegroups.com:

>
> Alun L. Palmer wrote:
>> Slow Code <my.mail@no.spam> wrote in news:6tgXg.8071$Y24.103
>> @newsread4.news.pas.earthlink.net:
>>
>> > "Iitoi" <iitoi@earthlink.net> wrote in
>> > news:ScaXg.7929$Y24.6296@newsread4.news.pas.earthlink.net:
>> >
>> >> 80M and 40M phone band expansion
>> >>
>> >> http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-149A1.doc
>> >
>> >
>> > I don't know if we'll get Mad right away but it's clear the FCC and
>> > the ARRL want to drive all good hams out of the service. Little by
>> > little they'll take away the non-phone portions of the bands and
>> > hand it over to the phone users. Like a frog in a pot of water
>> > that's raised to boiling point, one day us real hams will find we
>> > have to place to communicate on the ham bands that doesn't sound
>> > like Citizens Band.
>> >
>> > SC
>> >
>>
>> Here's a reality check.
>>
>> On 80m the rest of the world, except Canada, has always had phone down
>> to 3600 as far back as I can remember, and we are merely joining them.
>> The VE phone ops still have to stay above 3700, I think.
>>
>> On 40m the international bandplans have phone down to 7040 except in
>> Region 3 where it is 7030. The only countries that I know of where you
>> can't use phone down to 7040 are Mexico (7050) and the USA (now 7125
>> after the change).
>>
>> US hams outside Region 2 have had phone down to 7075 for years, and I
>> am on record as suggesting that we should have that in the mainland
>> US. It's hard to see why not when you actually look at what the rest
>> of the world is doing.
>>

>> At the same time countries in Region 1 aren't supposed to get access
>> to 7100-7200 until the middle of 2007. Many of them already have, but
>> for those that haven't, a phone subband that goes down to 7125 still
>> doesn't even reach the top edge of their whole band. Doubtless some of
>> them will be late in implementing the extra spectrum, so forced split
>> working will drag on a while longer.
>
> Alun you've been dumping this old whine into the groups for years now
> and it's long since worn out. Not that it needs to be explained to you
> *again* but the FCC is *protecting* the dx from the hordes of Yanks who
> would obliterate the dx if we were allowed to run SSB below 7100.
>
> Dee also explaned it in her immediately preceeding post, read it, give
> us a break and internalize it this time then go find something new to
> grouse about for the next five years. Maybe by then your chums in the
> UK will be able to transceive with you above 7125.
>
>> How would you like it if your 40m CW allocation were on frequencies
>> that were off limits to the DX?
>
> The difference is all about one SSB signal taking up the same amout of
> spectrum space as 5-10 CW signals.
>
>> On 20m and 15m we still have 50 kHz less phone on each band than all
>> other countries. Although General and Advanced got bigger phone
>> subbands on 15 (as well as 80 and 40), the bottom edge of phone didn't
>> move on 15 (or 20).
>>
>> 73 de Alun, N3KIP
>>
>> (20wpm Extra, 100% phone op)
>
> There's your real problem.
>
> w3rv
>
>

I can work the UK on 40 phone now without going split. They can use 7040-7200 now. OTOH, who knows when the broadcasters will ever move?

It's a complete crock about protecting the DX. The answer for ragchewers has always been to use a band that isn't open to where you want to be protected from, i.e. don't ragchew on an open band unless you want DX (meaning in this case US hams) to ask to join the QSO (some actually like it when that happens, you know). It's not really hard for them to find a band that isn't open to the US.

1736. recap

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 21:09:38 UTC
From: Mark@kb9rqz.aprs
Message-ID: <45465d31$0$12056$88260bb3@free.teranews.com>
Source record: 50210
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.shortwave,rec.radio.swap

1) I was draft into the US Army.
2) I is a member of the Chemcal Cops
3) The military wont let me retire.
4) I dosn't serve under the name 'Mark Morgan but that's okay cuz theFBI,
DOD, and CIA have al todl me I candodit.
5) I is on-the-lam from stalking former marines and fatal
atraction four ex-shemale wife almoney
6) I was recenty, paying $5/hr. to acess my ISP
7) I has a 248 IQ, but cant figre out how touse a spel checker.
8) I is a bi-sexual Pagan male ham who like to be spanked.
9) I can't find any action on the military base in Central IL, so I hav to
ask the peple on th USNET.
http://www.marksspamblog.blogspot.com/

10) I punce

--
Posted via a free Usenet account from http://www.teranews.com

1737. Re: CW-forever Guys are gonna go balistic!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 23:31:14 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1162251074.450050.82840@b28g2000cwb.googlegroups.com>
Source record: 50211
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Alun L. Palmer wrote:
> kelly@dvol.com wrote in
> news:1160949009.882798.262830@m7g2000cwm.googlegroups.com:
> > Alun L. Palmer wrote:
> >> Slow Code <my.mail@no.spam> wrote in news:6tgXg.8071$Y24.103
> >> @newsread4.news.pas.earthlink.net:
> >> > "Iitoi" <iitoi@earthlink.net> wrote in
> >> > news:ScaXg.7929$Y24.6296@newsread4.news.pas.earthlink.net:
> >> >
> >> >> 80M and 40M phone band expansion
> >> >>
> >> >> http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-149A1.doc
> >> >
> >> > I don't know if we'll get Mad right away but it's clear the FCC and
> >> > the ARRL want to drive all good hams out of the service. Little by
> >> > little they'll take away the non-phone portions of the bands and
> >> > hand it over to the phone users. Like a frog in a pot of water
> >> > that's raised to boiling point, one day us real hams will find we
> >> > have to place to communicate on the ham bands that doesn't sound
> >> > like Citizens Band.
> >> >
> >> > SC
> >> >
> >> Here's a reality check.
> >>
> >> On 80m the rest of the world, except Canada, has always had phone down
> >> to 3600 as far back as I can remember, and we are merely joining them.
> >> The VE phone ops still have to stay above 3700, I think.
> >>
> >> On 40m the international bandplans have phone down to 7040 except in
> >> Region 3 where it is 7030. The only countries that I know of where you
> >> can't use phone down to 7040 are Mexico (7050) and the USA (now 7125
> >> after the change).
> >>
> >> US hams outside Region 2 have had phone down to 7075 for years, and I
> >> am on record as suggesting that we should have that in the mainland
> >> US. It's hard to see why not when you actually look at what the rest
> >> of the world is doing.
> >>
> >> At the same time countries in Region 1 aren't supposed to get access
> >> to 7100-7200 until the middle of 2007. Many of them already have, but
> >> for those that haven't, a phone subband that goes down to 7125 still
> >> doesn't even reach the top edge of their whole band. Doubtless some of

> >> them will be late in implementing the extra spectrum, so forced split
> >> working will drag on a while longer.
> >
> > Alun you've been dumping this old whine into the groups for years now
> > and it's long since worn out. Not that it needs to be explained to you
> > *again* but the FCC is *protecting* the dx from the hordes of Yanks who
> > would obliterate the dx if we were allowed to run SSB below 7100.
> >
> > Dee also explaned it in her immediately preceeding post, read it, give
> > us a break and internalize it this time then go find something new to
> > grouse about for the next five years. Maybe by then your chums in the
> > UK will be able to transceive with you above 7125.
> >
> >> How would you like it if your 40m CW allocation were on frequencies
> >> that were off limits to the DX?
> >
> > The difference is all about one SSB signal taking up the same amout of
> > spectrum space as 5-10 CW signals.

Sheesh! No wonder Dee says CWGet can't copy it with these guys
interfering each other.

> >> On 20m and 15m we still have 50 kHz less phone on each band than all
> >> other countries. Although General and Advanced got bigger phone
> >> subbands on 15 (as well as 80 and 40), the bottom edge of phone didn't
> >> move on 15 (or 20).
> >>
> >> 73 de Alun, N3KIP
> >>
> >> (20wpm Extra, 100% phone op)
> >
> > There's your real problem.
> >
> > w3rv
>
> I can work the UK on 40 phone now without going split. They can use 7040-
> 7200 now. OTOH, who knows when the broadcasters will ever move?
>
> It's a complete crock about protecting the DX. The answer for ragchewers
> has always been to use a band that isn't open to where you want to be
> protected from, i.e. don't ragchew on an open band unless you want DX
> (meaning in this case US hams) to ask to join the QSO (some actually like
> it when that happens, you know). It's not really hard for them to find a
> band that isn't open to the US.

KH2D and I used to chat on a dead band; 10 meters. Then someone from
Africa would break in for a QSO

1738. Re: id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 23:45:43 UTC
From: I PUNCE <markpunce@yahoo.com>
Message-ID: <1162251943.180194.7970@h48g2000cwc.googlegroups.com>
Source record: 50212
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

```
Mark@kb9rqz.aprs wrote:
> On Mon, 30 Oct 2006 08:46:19 -0500, <Mark@kb9rqz.aprs> wrote:
>
> >
> ><n3ox.dan@gmail.com> wrote in message
> >news:1162215787.165148.232880@i42g2000cwa.googlegroups.com...
> >> You are a whackjob and you and Slow Code are undoubtedly the same
> >> goddamn person. I can't WAIT until the code is dropped. I'd honestly
> >> rather have you on 75 meters than crossposting to every
> >> rec.radio.amateur newsgroup you can find.
> >with the punce gotcha he wonders why I simple don't bother to ty
> > impoving my spelling do u hav anyting cognet two say?
>
> id theft is a crime
> http://kb9rqz.blogspot.com/
>
STFU marqueer
> --
> Posted via a free Usenet account from http://www.teranews.com
```

1739. Re: Horizontal Coaxial Dipole?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 23:47:02 UTC
From: lu6etj <lu6etj@gmail.com>
Message-ID: <1162252022.830669.219080@m73g2000cwd.googlegroups.com>
Source record: 50213

Hi Cecil

If I have understood well your question, I think that the "Resonant Feed dipole" (ARRL Handbook. 1996, page 20-17) is so much similar to the clasical sleeve antenna. See in http://www.io.com/~n5fc/rfd.htm a description.

Decoupling with his approach (choke) to the transmission line is poor due high end Z.

I have modified it replacing coaxial choke transforming it in a coil (less turns) made with the same coaxial but parallel tuned with a condenser making these turns resonate (both terminals of condenser are connected on the braid).

It is a good kite antennna (I am flying today with a Rokaku kite), and a good solution for a good "windows in" dipole, without any tunner neither earth connection...

Best Regards

Miguel Ghezzi (LU 6ETJ)

1740. Re: no

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-30 23:59:51 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <Xlw1h.33604$ta3.30176@tornado.texas.rr.com>
Source record: 50214
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"Jerry" <joxendi@bellsouth.net> wrote in message
news:0Lp1h.14426$Fd7.12822@bignews6.bellsouth.net...
>
> <Mark@kb9rqz.org> wrote in message
> news:0hqij2pe2svqh92ip5bn6pt8bj1j1sov2d@4ax.com...
>> On Fri, 20 Oct 2006 23:44:46 GMT, Slow Code <my.mail@no.spam> wrote:
>>
>>>Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
>>>news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
>>>
>>>> There was recently a thread here on the subject of whether morse had
>>>> saved any lives recently. Well it has in the UK!
>>>>
>>>> Have a look at
>>>> http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
>>>>
>>>> "Torch used in Morse code rescue.
>>>> Coastguards in Hampshire have rescued a sailor who used his torch to
>>>> flash an SOS message in Morse code."
>>>>
>>>> Ian.
>>>
>>>
>>>Boy, Lenny Anderson is going to be pissed. That's not the sort
>>>of CW news he likes to hear. Lucky for the sailor there was
>>>still someone out there that knew code.
>> no CW involved SC you lose again
>>>
>>>SC
>> http://kb9rqz.blogspot.com/
>>
>> --
>> Posted via a free Usenet account from http://www.teranews.com
>
>
> HUH? Morse is Morse regardless if it is done with a key, a Navy ship's
> lamp, a flashlight, or it is pecked out with a hammer or stick!! ... ---
> ...! It DID save someone's life and a sinking boat...well, maybe not the
> boat!;)

Yeah! I remember. Wasn't that on the original Posiedon Adventure movie?

>
> If someone taps out code, it may not be Continuous Wave Telegraphy, but it

> is still the same principle.
>
>
> J
>>
>
>

1741. Re: id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 00:03:57 UTC
From: Mark@kb9rqz.aprs
Message-ID: <um4dk2pkhbkcm0gr22di2s4hdv8o9j501v@4ax.com>
Source record: 50215
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

On 30 Oct 2006 15:45:43 -0800, "I PUNCE" <markpunce@yahoo.com> wrote:

>
>

>STFU marqueer

you are the crimal not I
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1742. id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 00:04:29 UTC
From: Mark@kb9rqz.aprs
Message-ID: <ln4dk21oh7loh2c8lmqq2de3n9ob1gkk5k@4ax.com>
Source record: 50216
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.shortwave,rec.radio.swap

On Mon, 30 Oct 2006 16:09:38 -0500, <Mark@kb9rqz.aprs> wrote:

>
id theft si a crime
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1743. Re: no

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 00:08:35 UTC
From: Mark@kb9rqz.aprs
Message-ID: <8v4dk2hoo5836a6k29mp4ao5gol7gk0n4q@4ax.com>
Source record: 50217
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Mon, 30 Oct 2006 23:59:51 GMT, "U-Know-Who" <no-one@nowhere.com>
wrote:

>
>"Jerry" <joxendi@bellsouth.net> wrote in message
>news:0Lp1h.14426$Fd7.12822@bignews6.bellsouth.net...
>>
>> <Mark@kb9rqz.org> wrote in message
>> news:0hqij2pe2svqh92ip5bn6pt8bj1j1sov2d@4ax.com...
>>> On Fri, 20 Oct 2006 23:44:46 GMT, Slow Code <my.mail@no.spam> wrote:
>>>
>>>>Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
>>>>news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
>>>>
>>>> There was recently a thread here on the subject of whether morse had
>>>> saved any lives recently. Well it has in the UK!
>>>>
>>>> Have a look at
>>>> http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
>>>>
>>>> "Torch used in Morse code rescue.
>>>> Coastguards in Hampshire have rescued a sailor who used his torch to
>>>> flash an SOS message in Morse code."
>>>>
>>>> Ian.
>>>>
>>>>
>>>>Boy, Lenny Anderson is going to be pissed. That's not the sort
>>>>of CW news he likes to hear. Lucky for the sailor there was
>>>>still someone out there that knew code.
>>> no CW involved SC you lose again
>>>>
>>>>SC
>>> http://kb9rqz.blogspot.com/
>>>
>>> --
>>> Posted via a free Usenet account from http://www.teranews.com
>>
>>
>> HUH? Morse is Morse regardless if it is done with a key, a Navy ship's
>> lamp, a flashlight, or it is pecked out with a hammer or stick!! ... ---
>> ...! It DID save someone's life and a sinking boat...well, maybe not the
>> boat!;)

>
>
>Yeah! I remember. Wasn't that on the original Posiedon Adventure movie?
nope no morse was simple punding answered by faster pounding
>
>
>>
>> If someone taps out code, it may not be Continuous Wave Telegraphy, but it
>> is still the same principle.
>>
>>
>> J
>>>
>>
>>
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1744. Re: Coax Crimp Tool Recommendation?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 00:32:32 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <AQw1h.8$L6.5@newsread3.news.pas.earthlink.net>
Source record: 50218
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.antenna,rec.radio.amateur.policy

Dave <W1MCE@comcast.net> wrote in
news:Ro-dnR7I2LS-Lt7YnZ2dnUVZ_o-dnZ2d@comcast.com:

> Solder??

I know how you feel. I felt the same way after hearing there would be
5wpm Extras.

> Danny Richardson wrote:
>
>> Looking for suggestions for a good crimp tool for installing coax
>> connectors. It will primarily for BNC connectors on RG-174, 58 and 59
>> cables. Although the RG-8 cable family capability would be nice too.
>>
>> I do wish to avoid being a captive customer in that brand X crimp tool
>> only works well with brand X connectors.
>>
>> And, of course, looking for the best bank for the buck.
>>
>> Thanks,
>>
>> Danny
>
>

1745. Re: i punce in agin

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 00:32:37 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <FQw1h.12$L6.0@newsread3.news.pas.earthlink.net>
Source record: 50221
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

"n3ox.dan@gmail.com" <n3ox.dan@gmail.com> wrote in
news:1162215787.165148.232880@i42g2000cwa.googlegroups.com:

> You are a whackjob and you and Slow Code are undoubtedly the same
> goddamn person. I can't WAIT until the code is dropped. I'd honestly
> rather have you on 75 meters than crossposting to every
> rec.radio.amateur newsgroup you can find.

WHAAAAAAAAAAAAAAAA!

That's not going to happen Dan. Amateur radio is important to me. I
would turn off my rigs before I would violate any section of Part 97.

Tnx, 73, Good luck in the contest.

SC
20wpm code tested Extra

1746. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 00:32:38 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <GQw1h.13$L6.9@newsread3.news.pas.earthlink.net>
Source record: 50219
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

Dave <W1MCE@comcast.net> wrote in
news:mLydnWU0BuGE0NjYnZ2dnUVZ_tqdnZ2d@comcast.com:

> Mark@kb9rqz.aprs wrote:
>
> SNIPPED
>>>
>>>Amateur Radio is about LEARNING !!! LEARNING some physics, learning
>>>about sunspots, learning about antennas, learning about propagation,
>>>learning about some electronics, learning about digital communication
>>>techniques, learning about VHF propagation, learning about microwaves,
>>>learning about wide band tv systems, learning about narrow band tv
>>>systems, learning about ... [you complete the phrase].
>>
>> I notice none of the things you list is Morse Code
>>
>>>If you just want to talk around the world, use CB. If you just want to
>>>talk around town, use FRS. If you want to LEARN about radio become an
>>>Amateur Radio operator [make a commitment to LEARN].
>>>
>>>/s/ DD, W1MCE
>>
>> http://kb9rqz.blogspot.com/
>>
>
> I can still put 18-20 wpm on paper [with arthritis in fingers] and read
> 25+ wpm.
>
> What is your skill level?

Mark in the Dark doesn't have a skill level. He butchers the english
pretty good though.

SC

1747. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 00:32:39 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <HQw1h.14$L6.1@newsread3.news.pas.earthlink.net>
Source record: 50220
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

"R. Scott" <spamtrap@w7psk.net> wrote in
news:hr2dndbOKMxXF9jYnZ2dnUVZ_t6dnZ2d@comcast.com:

>
>> Good, we should keep the requirement then, because it has kept a
>> lot of Bad people out of ham radio.
>>
>> SC
>
> How come it didnt keep you out ?

I'm not bad.

SC

1748. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 00:32:44 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <MQw1h.16$L6.13@newsread3.news.pas.earthlink.net>
Source record: 50222

Cecil Moore <mycall@hotmail.com> wrote in
news:Alt1h.1644$wX.429@newssvr12.news.prodigy.com:

> charlie wrote:
>> If everyone was aware of all the cross posting and only responded to
>> the group they are in that would be a great help - it might stop the
>> same old crap being repeated in every radio group that I subscribe to!
>
> I tried replying only to rec.radio.amateur.policy but the
> misbehaving posters added all the other groups back into
> the followup reply.

Is the code requirement really keeping good people out of ham radio?

SC

1749. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 00:32:46 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <OQw1h.17$L6.7@newsread3.news.pas.earthlink.net>
Source record: 50223
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"Bill" <baycock@hughes.net> wrote in
news:1162238254.786244.302400@b28g2000cwb.googlegroups.com:

>
> It's not code requirements or tests that is keeping (and driving) good
> people out of ham radio, and away from lists like these, it's
> psychopaths like SC and the idiots that feed him. This WAS about real
> issues, and about technology (I hit this cesspool from the antennas
> list), but it is not now.
> Thanks to the crap fron SC, and from the idiots that feed this Troll,
> I'm leaving. On real lists, s--t pots like him are kicked out. On
> usenets, the only way is to quit feeding his ego, but, unfortunately,
> he is not the only idiot here.

Is the code requirement really keeping good people out of ham radio?

SC

1750. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 00:32:48 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <QQw1h.18$L6.12@newsread3.news.pas.earthlink.net>
Source record: 50224
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"LenAnderson@ieee.org" <LenAnderson@ieee.org> wrote in
news:1159809489.133036.157070@b28g2000cwb.googlegroups.com:

> Barry OGrady wrote:
>> On Thu, 28 Sep 2006 22:54:46 -0500, Nada Tapu <user@host.domain> wrote:
>>
>> >On Sun, 10 Sep 2006 23:23:03 GMT, Slow Code <my.mail@no.spam> wrote:
>> >
>> >>
>> >> >Or just lazy people out?
>> >>
>> >> >Sc
>> >
>> >It certainly didn't keep me out, and I wasn't all that crazy about
>> >learning it, either.
>>
>> More to the point, are there more licensed amateurs since the code
>> requirement was removed years ago?
>
> Yes. In the USA at least.
>
> Since the inception of the no-code Technician class here in 1991,
> the growth of the Technician class license numbers in the USA
> has been continuous. Those now comprise about 49 % of ALL
> licensees. The Technician class license numbers are twice that
> of General class, the next-largest license class.
>
> Since the "reconstruction" in FCC amateur radio regulations of
> 2001, the number of licensees grew to peak in July, 2003. At
> that time the maximum code test rate was fixed at 5 WPM, all
> classes.
>
> A problem now is the attrition of the older licensees. More old-
> timers are leaving/expiring (their licenses) than are being
> replaced by new (never before licensed in amateur radio)
> licensees. Source: www.hamdata.com. That trend has
> persisted for three years.
>
> The code test is not THE factor causing it, just one of the
> major factors in slowing the increase of new licensees.
> Coupled with the stubborn resistance to change of ANY
> regulations by olde-tymers, there is little incentive to enter
> olde-tyme amateur radio. Ally that with the huge growth of

> the Internet in the 15 years it has been public - an Internet
> that has spread worldwide with near-instant communications
> over that world - and the traditional standards and practices
> of olde-tyme ham radio just don't have the appeal to
> newcomers they once had.
>
> Elimination of the code test for any license will cause a
> spurt in new licensees. While such elimination is not a
> guarantee to far-future growth, it will be the significant act
> to being CHANGING regulations to better fit the modern times.
> Keeping up with changing times is a NECESSITY in
> regulations, regardless of the personal desires of the minority
> of amateurs making up the olde-tyme group.
>
> LenAnderson@ieee.org

You should market your posts to farmers Len. The fertilizer content in them could green the Sahara.

SC

1751. Re: no

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 00:32:52 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <UQw1h.21$L6.16@newsread3.news.pas.earthlink.net>
Source record: 50126
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"Jerry" <joxendi@bellsouth.net> wrote in
news:0Lp1h.14426$Fd7.12822@bignews6.bellsouth.net:

>
> <Mark@kb9rqz.org> wrote in message
> news:0hqij2pe2svqh92ip5bn6pt8bj1j1sov2d@4ax.com...
>> On Fri, 20 Oct 2006 23:44:46 GMT, Slow Code <my.mail@no.spam> wrote:
>>
>>>Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
>>>news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
>>>
>>>> There was recently a thread here on the subject of whether morse had
>>>> saved any lives recently. Well it has in the UK!
>>>>
>>>> Have a look at
>>>> http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
>>>>
>>>> "Torch used in Morse code rescue.
>>>> Coastguards in Hampshire have rescued a sailor who used his torch to
>>>> flash an SOS message in Morse code."
>>>>
>>>> Ian.
>>>
>>>
>>>Boy, Lenny Anderson is going to be pissed. That's not the sort
>>>of CW news he likes to hear. Lucky for the sailor there was
>>>still someone out there that knew code.
>> no CW involved SC you lose again
>>>
>>>SC
>> http://kb9rqz.blogspot.com/
>>
>> --
>> Posted via a free Usenet account from http://www.teranews.com
>
>
> HUH? Morse is Morse regardless if it is done with a key, a Navy ship's
> lamp, a flashlight, or it is pecked out with a hammer or stick!! ...
> --- ...! It DID save someone's life and a sinking boat...well, maybe
> not the boat!;)
>
> If someone taps out code, it may not be Continuous Wave Telegraphy, but
> it is still the same principle.

>
>
> J

Arguing with Mark in the Dark futile. Only do it if you have nothing
better to do.

SC

1752. Re: no

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 00:32:53 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <VQw1h.22$L6.3@newsread3.news.pas.earthlink.net>
Source record: 50225
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"U-Know-Who" <no-one@nowhere.com> wrote in
news:Xlw1h.33604$ta3.30176@tornado.texas.rr.com:

>
> "Jerry" <joxendi@bellsouth.net> wrote in message
> news:0Lp1h.14426$Fd7.12822@bignews6.bellsouth.net...
>>
>> <Mark@kb9rqz.org> wrote in message
>> news:0hqij2pe2svqh92ip5bn6pt8bj1j1sov2d@4ax.com...
>>> On Fri, 20 Oct 2006 23:44:46 GMT, Slow Code <my.mail@no.spam> wrote:
>>>
>>>>Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
>>>>news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
>>>>
>>>>> There was recently a thread here on the subject of whether morse had
>>>>> saved any lives recently. Well it has in the UK!
>>>>>
>>>>> Have a look at
>>>>> http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
>>>>>
>>>>> "Torch used in Morse code rescue.
>>>>> Coastguards in Hampshire have rescued a sailor who used his torch to
>>>>> flash an SOS message in Morse code."
>>>>>
>>>>> Ian.
>>>>
>>>>
>>>>Boy, Lenny Anderson is going to be pissed. That's not the sort
>>>>of CW news he likes to hear. Lucky for the sailor there was
>>>>still someone out there that knew code.
>>> no CW involved SC you lose again
>>>>
>>>>SC
>>> http://kb9rqz.blogspot.com/
>>>
>>> --
>>> Posted via a free Usenet account from http://www.teranews.com
>>
>>
>> HUH? Morse is Morse regardless if it is done with a key, a Navy ship's
>> lamp, a flashlight, or it is pecked out with a hammer or stick!! ...
>> --- ...! It DID save someone's life and a sinking boat...well, maybe
>> not the boat!;)

>
>
> Yeah! I remember. Wasn't that on the original Posiedon Adventure movie?

No, it was was to save a sailer so he could buy an evening with your mom.

SC

1753. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 00:34:59 UTC
From: Mark@kb9rqz.aprs
Message-ID: <ag6dk2tg9mu853rkfdqgsftitrb16o18vc@4ax.com>
Source record: 50127
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

On Tue, 31 Oct 2006 00:32:38 GMT, Slow Code <my.mail@no.spam> wrote:

>Dave <W1MCE@comcast.net> wrote in
>news:mLydnWU0BuGE0NjYnZ2dnUVZ_tqdnZ2d@comcast.com:
>
>> Mark@kb9rqz.aprs wrote:
>>
>> SNIPPED
>>>>
>>>>Amateur Radio is about LEARNING !!! LEARNING some physics, learning
>>>>about sunspots, learning about antennas, learning about propagation,
>>>>learning about some electronics, learning about digital communication
>>>>techniques, learning about VHF propagation, learning about microwaves,
>>>>learning about wide band tv systems, learning about narrow band tv
>>>>systems, learning about ... [you complete the phrase].
>>>
>>> I notice none of the things you list is Morse Code
>>>
>>>>If you just want to talk around the world, use CB. If you just want to
>>>>talk around town, use FRS. If you want to LEARN about radio become an
>>>>Amateur Radio operator [make a commitment to LEARN].
>>>>
>>>>/s/ DD, W1MCE
>>>
>>> http://kb9rqz.blogspot.com/
>>>
>>
>> I can still put 18-20 wpm on paper [with arthritis in fingers] and read
>> 25+ wpm.
>>
>> What is your skill level?
>
>
>Mark in the Dark doesn't have a skill level.
I do indeed have a skill level inMrse Code it is zero
>He butchers the english
>pretty good though.
thank you for making my point
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1754. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 00:35:12 UTC
From: Mark@kb9rqz.aprs
Message-ID: <ph6dk2huohibguji79nhhpullf0cbe18us@4ax.com>
Source record: 50128
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

On Tue, 31 Oct 2006 00:32:39 GMT, Slow Code <my.mail@no.spam> wrote:

>"R. Scott" <spamtrap@w7psk.net> wrote in
>news:hr2dndbOKMxXF9jYnZ2dnUVZ_t6dnZ2d@comcast.com:
>
>>
>>> Good, we should keep the requirement then, because it has kept a
>>> lot of Bad people out of ham radio.
>>>
>>> SC
>>
>> How come it didnt keep you out ?
>
>
>I'm not bad.
>
yes you are
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1755. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 00:36:22 UTC
From: Mark@kb9rqz.aprs
Message-ID: <cj6dk2199psdbnr8tam2apujj64lnuqfl4@4ax.com>
Source record: 50129
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Tue, 31 Oct 2006 00:32:46 GMT, Slow Code <my.mail@no.spam> wrote:

>"Bill" <baycock@hughes.net> wrote in
>news:1162238254.786244.302400@b28g2000cwb.googlegroups.com:
>
>>
>> It's not code requirements or tests that is keeping (and driving) good
>> people out of ham radio, and away from lists like these, it's
>> psychopaths like SC and the idiots that feed him. This WAS about real
>> issues, and about technology (I hit this cesspool from the antennas
>> list), but it is not now.
>> Thanks to the crap fron SC, and from the idiots that feed this Troll,
>> I'm leaving. On real lists, s--t pots like him are kicked out. On
>> usenets, the only way is to quit feeding his ego, but, unfortunately,
>> he is not the only idiot here.
>
>
>Is the code requirement really keeping good people out of ham radio?
yes

and it is driving other out

and it is leting rotten one in like yourself
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1756. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 00:36:47 UTC
From: Mark@kb9rqz.aprs
Message-ID: <hk6dk2lcecttuaa9fqr102pdse8s19det5@4ax.com>
Source record: 50130
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Tue, 31 Oct 2006 00:32:48 GMT, Slow Code <my.mail@no.spam> wrote:

>"LenAnderson@ieee.org" <LenAnderson@ieee.org> wrote in
>news:1159809489.133036.157070@b28g2000cwb.googlegroups.com:
>
>> Barry OGrady wrote:
>>> On Thu, 28 Sep 2006 22:54:46 -0500, Nada Tapu <user@host.domain> wrote:
>>>
>>> >On Sun, 10 Sep 2006 23:23:03 GMT, Slow Code <my.mail@no.spam> wrote:
>>> >
>>> >>
>>> >>Or just lazy people out?
>>> >>
>>> >>Sc
>>> >
>>> >It certainly didn't keep me out, and I wasn't all that crazy about
>>> >learning it, either.
>>>
>>> More to the point, are there more licensed amateurs since the code
>>> requirement was removed years ago?
>>
>> Yes. In the USA at least.
>>
>> Since the inception of the no-code Technician class here in 1991,
>> the growth of the Technician class license numbers in the USA
>> has been continuous. Those now comprise about 49 % of ALL
>> licensees. The Technician class license numbers are twice that
>> of General class, the next-largest license class.
>>
>> Since the "reconstruction" in FCC amateur radio regulations of
>> 2001, the number of licensees grew to peak in July, 2003. At
>> that time the maximum code test rate was fixed at 5 WPM, all
>> classes.
>>
>> A problem now is the attrition of the older licensees. More old-
>> timers are leaving/expiring (their licenses) than are being
>> replaced by new (never before licensed in amateur radio)
>> licensees. Source: www.hamdata.com. That trend has
>> persisted for three years.
>>
>> The code test is not THE factor causing it, just one of the
>> major factors in slowing the increase of new licensees.
>> Coupled with the stubborn resistance to change of ANY

>> regulations by olde-tymers, there is little incentive to enter
>> olde-tyme amateur radio. Ally that with the huge growth of
>> the Internet in the 15 years it has been public - an Internet
>> that has spread worldwide with near-instant communications
>> over that world - and the traditional standards and practices
>> of olde-tyme ham radio just don't have the appeal to
>> newcomers they once had.
>>
>> Elimination of the code test for any license will cause a
>> spurt in new licensees. While such elimination is not a
>> guarantee to far-future growth, it will be the significant act
>> to being CHANGING regulations to better fit the modern times.
>> Keeping up with changing times is a NECESSITY in
>> regulations, regardless of the personal desires of the minority
>> of amateurs making up the olde-tyme group.
>>
>> LenAnderson@ieee.org
>
>
>You should market your posts to farmers Len. The fertilizer content in
>them could green the Sahara.
clean up ham radio turing YOUR license
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1757. Re: no

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 00:37:22 UTC
From: Mark@kb9rqz.aprs
Message-ID: <dl6dk2124m2lj33eukk4edkpahcb0072m7@4ax.com>
Source record: 50131
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Tue, 31 Oct 2006 00:32:53 GMT, Slow Code <my.mail@no.spam> wrote:

>"U-Know-Who" <no-one@nowhere.com> wrote in
>news:Xlw1h.33604$ta3.30176@tornado.texas.rr.com:
>
>>
>> "Jerry" <joxendi@bellsouth.net> wrote in message
>> news:0Lp1h.14426$Fd7.12822@bignews6.bellsouth.net...
>>>
>>> <Mark@kb9rqz.org> wrote in message
>>> news:0hqij2pe2svqh92ip5bn6pt8bj1j1sov2d@4ax.com...
>>>> On Fri, 20 Oct 2006 23:44:46 GMT, Slow Code <my.mail@no.spam> wrote:
>>>>
>>>>>Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
>>>>>news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
>>>>>
>>>>>> There was recently a thread here on the subject of whether morse had
>>>>>> saved any lives recently. Well it has in the UK!
>>>>>>
>>>>>> Have a look at
>>>>>> http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
>>>>>>
>>>>>> "Torch used in Morse code rescue.
>>>>>> Coastguards in Hampshire have rescued a sailor who used his torch to
>>>>>> flash an SOS message in Morse code."
>>>>>>
>>>>>> Ian.
>>>>>
>>>>>
>>>>>Boy, Lenny Anderson is going to be pissed. That's not the sort
>>>>>of CW news he likes to hear. Lucky for the sailor there was
>>>>>still someone out there that knew code.
>>>> no CW involved SC you lose again
>>>>>
>>>>>SC
>>>> http://kb9rqz.blogspot.com/
>>>>
>>>> --
>>>> Posted via a free Usenet account from http://www.teranews.com
>>>
>>>
>>> HUH? Morse is Morse regardless if it is done with a key, a Navy ship's
>>> lamp, a flashlight, or it is pecked out with a hammer or stick!! ...

>>> --- ...! It DID save someone's life and a sinking boat...well, maybe
>>> not the boat!;)
>>
>>
>> Yeah! I remember. Wasn't that on the original Posiedon Adventure movie?
>
>
>No, it was was to save a sailer so he could buy an evening with your mom.
clean up ham radio SC start by turning in your license
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1758. Re: i punce in agin

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 00:40:13 UTC
From: Mark@kb9rqz.aprs
Message-ID: <fq6dk2hludtilhtibo9j9t4ck72lb6gnpm@4ax.com>
Source record: 50132
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

On Tue, 31 Oct 2006 00:32:37 GMT, Slow Code <my.mail@no.spam> wrote:

>"n3ox.dan@gmail.com" <n3ox.dan@gmail.com> wrote in
>news:1162215787.165148.232880@i42g2000cwa.googlegroups.com:
>
>> You are a whackjob and you and Slow Code are undoubtedly the same
>> goddamn person. I can't WAIT until the code is dropped. I'd honestly
>> rather have you on 75 meters than crossposting to every
>> rec.radio.amateur newsgroup you can find.
>
>WHAAAAAAAAAAAAAAAA!
>
>
>That's not going to happen Dan. Amateur radio is important to me.

then why do you advocate it destruction why are you such bad Ham?

http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1759. Re: no

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 00:53:38 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <m8x1h.25438$GR2.9848@tornado.texas.rr.com>
Source record: 50133
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"Slow Code" <my.mail@no.spam> wrote in message
news:VQw1h.22$L6.3@newsread3.news.pas.earthlink.net...
> "U-Know-Who" <no-one@nowhere.com> wrote in
> news:Xlw1h.33604$ta3.30176@tornado.texas.rr.com:
>
>>
>> "Jerry" <joxendi@bellsouth.net> wrote in message
>> news:0Lp1h.14426$Fd7.12822@bignews6.bellsouth.net...
>>>
>>> <Mark@kb9rqz.org> wrote in message
>>> news:0hqij2pe2svqh92ip5bn6pt8bj1j1sov2d@4ax.com...
>>>> On Fri, 20 Oct 2006 23:44:46 GMT, Slow Code <my.mail@no.spam> wrote:
>>>>
>>>>>Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
>>>>>news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
>>>>>
>>>>>> There was recently a thread here on the subject of whether morse had
>>>>>> saved any lives recently. Well it has in the UK!
>>>>>>
>>>>>> Have a look at
>>>>>> http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
>>>>>>
>>>>>> "Torch used in Morse code rescue.
>>>>>> Coastguards in Hampshire have rescued a sailor who used his torch to
>>>>>> flash an SOS message in Morse code."
>>>>>>
>>>>>> Ian.
>>>>>
>>>>>
>>>>>Boy, Lenny Anderson is going to be pissed. That's not the sort
>>>>>of CW news he likes to hear. Lucky for the sailor there was
>>>>>still someone out there that knew code.
>>>> no CW involved SC you lose again
>>>>>
>>>>>SC
>>>> http://kb9rqz.blogspot.com/
>>>>
>>>> --
>>>> Posted via a free Usenet account from http://www.teranews.com
>>>
>>>
>>> HUH? Morse is Morse regardless if it is done with a key, a Navy ship's
>>> lamp, a flashlight, or it is pecked out with a hammer or stick!! ...

>>> --- ...! It DID save someone's life and a sinking boat...well, maybe
>>> not the boat!;)
>>
>>
>> Yeah! I remember. Wasn't that on the original Posiedon Adventure movie?
>
>
> No, it was was to save a sailer so he could buy an evening with your mom.
>
> SC

Oh my! You really outdid yourself with that one! And my Mom? Wow, she's 79.
Dude must really want some company.

The hell with CW. Let's all learn binary code and use it instead. Hell,
we'll even be digital then!

1760. 160 meter antenna pros and cons

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 01:25:37 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <ICx1h.3008$nG1.1554@tornado.southeast.rr.com>
Source record: 50134

I have 2 wire antennas that I am thinking about putting up..

#1 A long wire with the shield of the coax grounded to the tower at the feed point with the center of the coax connected to a long wire cut for mid band on 160.

#2 a normal dipole cut for mid band 160.

What are the pros and cons of each?

Max output is 100 watts
MFJ deluxe versa tuner II
Coax fed
Air wound choke ...possible or if needed..
I do have an antenna analyzer for tuneing.

Joe
KI4ILB
solar powered ham radio 24/7

1761. Re: 160 meter antenna pros and cons

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 01:47:11 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <zWx1h.3019$nG1.1346@tornado.southeast.rr.com>
Source record: 50136

Just a (long wire) connected to the center of the coax, cut to resonate at
160 meters (about 130' if my memory is correct) in other words, one side of
a normal dipole.
Joe
>
> ...
> >... to a long wire cut for mid band
> >on 160.
>
> What does that mean?
>
> Owen
> --

1762. Re: 160 meter antenna pros and cons

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 01:47:35 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <m7adk2pk99626e6pn60obibe94acoatuva@4ax.com>
Source record: 50135

On Tue, 31 Oct 2006 01:25:37 GMT, "Merlin-7 KI4ILB"
<merlin-7@sc.rr.com> wrote:

...
>... to a long wire cut for mid band
>on 160.

What does that mean?

Owen
--

1763. Re: 160 meter antenna pros and cons

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 02:08:57 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12kdc1u76qjaae2@corp.supernews.com>
Source record: 50137

If you do that, the outside of the coax becomes the other half of the
dipole. Be prepared for some interesting effects in the shack.

Roy Lewallen, W7EL

Merlin-7 KI4ILB wrote:
> Just a (long wire) connected to the center of the coax, cut to resonate at
> 160 meters (about 130' if my memory is correct) in other words, one side of
> a normal dipole.
> Joe
>> ...
>>> ... to a long wire cut for mid band
>>> on 160.
>> What does that mean?
>>
>> Owen
>> --
>
>

1764. Re: 160 meter antenna pros and cons

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 02:34:53 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <bgcdk298dg93g5nto3m779nj6q69hjakf1@4ax.com>
Source record: 50138

On Mon, 30 Oct 2006 18:08:57 -0800, Roy Lewallen <w7el@eznec.com>
wrote:

>If you do that, the outside of the coax becomes the other half of the
>dipole. Be prepared for some interesting effects in the shack.

Joe,

Getting detail from you is like drawing teeth. I suppose part of the
learning process is learning the factors that are relevant to the
situation.

You did say you would connect the outer of the coax to the tower....
where abouts? Near ground, somewhere else? This makes a difference.

Fundamentally, you are probably on the wrong track connecting a half
wave wire to the centre of the coax... but that depends on what you
connect to the other side of the end of the coax.

If in fact you effectively ground the end of the coax at the outer,
and have the centre connected to the end of your half wave wire, you
will have a very high VSWR on the coax, exacerbating the loss it
already has, and the magnitude of that loss depends on things that you
haven't described... but it can be huge.

If you were to chose the worst length of a wire to connect to a
substantial length of coax inner in that scenario, it is probably a
half wave. What were / are you trying to achieve?

Owen
--

1765. Identifying coax cable.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 03:05:22 UTC
From: Boozo <paulv@iprimus.com.au>
Message-ID: <1162263921.961253.171270@m7g2000cwm.googlegroups.com>
Source record: 50139

Have a 100 foot roll(approx) of used coax cable which has no markings
printed on it.
Can anyone tell me how I can work out what it might be ? e.g. 75 ohm or
50 ohm or ?
Going by the size it looks similar to 50 ohm but I'm not sure.

Any suggestions would be appreciated.

1766. Re: I don't remember horse and buggy, outhouses, or churning butter

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 06:30:14 UTC
From: RadioGuy <RadioGuy@radioguy.com>
Message-ID: <MPG.1fb0b77da7d99edd989a57@news-server.carolina.rr.com>
Source record: 50140
Cross-posted to: rec.radio.amateur.misc,alt.usenet.kooks,rec.radio.amateur.policy,rec.radio.amateur.antenna

In article <NLS%g.19217$UG4.8170@newsread2.news.pas.earthlink.net>,
my.mail@no.spam says...
> Cecil Moore <mycall@hotmail.com> wrote in
> news:XNN%g.1103$s6.910@newssvr11.news.prodigy.com:
>
> > amdx wrote:
> >> ... turning the crank on a model T, ...
> >
> > It wasn't just the Model-T. I learned to drive
> > on a 37 Chevrolet. It had a crank hole just under
> > the grill.
>
>
> And a Crank behind the steering wheel.
>
> SC
>
You can't even get behind the steering wheel. The state took your
drivers license away 3 years ago after you hit that Monte Carlo while
you were drunk on cheap liquor. That was when your wife left you also.
I remember it all. I know who you are!

RG

1767. Re: Identifying coax cable.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 06:52:27 UTC
From: K7ITM <k7itm@msn.com>
Message-ID: <1162277547.789772.243940@e64g2000cwd.googlegroups.com>
Source record: 50141

Boozo wrote:
> Have a 100 foot roll(approx) of used coax cable which has no markings
> printed on it.
> Can anyone tell me how I can work out what it might be ? e.g. 75 ohm or
> 50 ohm or ?
> Going by the size it looks similar to 50 ohm but I'm not sure.
>
> Any suggestions would be appreciated.

You didn't mention what you have to make measurements with. The simplest way to make a quick estimate is probably to guess at the velocity factor first: solid polyethylene is about 0.66, and foam polyethylene is roughly 0.78. The impedance in ohms is 60*velocity factor*ln(D/d), where ln is the natural logarithm, and D/d is the ratio of inner to outer conductor diameters. So for solid polyethylene dielectric, D/d is about 3.5 for 50 ohm line, and about 6.2 for 72-75 ohm line. Even for fairly small line, it's not difficult to tell by just looking at it. It's also possible to measure the capacitance of the lenth of line and the electrical length in nanoseconds, and calculate the impedance from those two. If you can measure RF impedance, measure the line with the far end open, and with it shorted, and take the square root of the product of those two.

Cheers,
Tom

1768. Re: I don't remember horse and buggy, outhouses, or churning butter

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 06:54:58 UTC
From: RadioGuy <RadioGuy@radioguy.com>
Message-ID: <MPG.1fb0bd4ebac98ab8989a64@news-server.carolina.rr.com>
Source record: 50142
Cross-posted to: rec.radio.amateur.misc,alt.usenet.kooks,rec.radio.amateur.policy,rec.radio.amateur.antenna

In article <Ewx0h.333$LI4.217@newsread2.news.pas.earthlink.net>,
my.mail@no.spam says...
>
>
> Right, and why homebrew anymore when you can call HRO or AES and buy your
> appliance off the shelf.
>
>
> 73,
> Back to my CW and projects.
>
> SC
>
>
You couldn't build a ham sandwich.

1769. Re: I don't remember horse and buggy, outhouses, or churning butter

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 07:10:40 UTC
From: RadioGuy <RadioGuy@radioguy.com>
Message-ID: <MPG.1fb0c0fe54ea3e04989a6e@news-server.carolina.rr.com>
Source record: 50143
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna

```
In article <CgS0h.723$LI4.707@newsread2.news.pas.earthlink.net>,
my.mail@no.spam says...
> Cecil Moore <mycall@hotmail.com> wrote in
> news:ZJx0h.22426$e66.13357@newssvr13.news.prodigy.com:
>
> > Slow Code wrote:
> >> Right, and why homebrew anymore when you can call HRO or AES and buy
> >> your appliance off the shelf.
> >
> > Can you hombrew an ICOM IC-756PRO?
>
>
> :)
>
> That's overkill if all you need to do is some CW.
>
> SC
>
You couldn't homebrew boiled water!
```

1770. Re: i punce in agin

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 07:26:58 UTC
From: RadioGuy <RadioGuy@radioguy.com>
Message-ID: <MPG.1fb0c4c9967c34a0989a71@news-server.carolina.rr.com>
Source record: 50144
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

In article <FQw1h.12$L6.0@newsread3.news.pas.earthlink.net>,
my.mail@no.spam says...
> "n3ox.dan@gmail.com" <n3ox.dan@gmail.com> wrote in
> news:1162215787.165148.232880@i42g2000cwa.googlegroups.com:
>
> > You are a whackjob and you and Slow Code are undoubtedly the same
> > goddamn person. I can't WAIT until the code is dropped. I'd honestly
> > rather have you on 75 meters than crossposting to every
> > rec.radio.amateur newsgroup you can find.
>
> WHAAAAAAAAAAAAAAAA!
>
>
> That's not going to happen Dan. Amateur radio is important to me. I
> would turn off my rigs before I would violate any section of Part 97.
>
> Tnx, 73, Good luck in the contest.
>
> SC
> 20wpm code tested Extra
>
You don't have a license!!! It was revoked a year ago!

1771. Re: 160 meter antenna pros and cons

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 11:39:45 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <bDG1h.462$Wn4.377@newsfe12.lga>
Source record: 50145

The easiest antenna is Inverted Vee, dipole cut for the middle of the band where you want to operate, one support, fed with coax (50 ohms), no need to match anything, just trim the ends to resonate around 1840. Ends can be zig-zagged to fit the space. With good ground it accentuates the vertical polarization and low angle component.

Simple and it works. Got one here in a tree.

73 Yuri, K3BU

"Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in message news:lCx1h.3008$nG1.1554@tornado.southeast.rr.com...
> I have 2 wire antennas that I am thinking about putting up..
>
> #1 A long wire with the shield of the coax grounded to the tower at the
> feed
> point with the center of the coax connected to a long wire cut for mid
> band
> on 160.
>
> #2 a normal dipole cut for mid band 160.
>
> What are the pros and cons of each?
>
> Max output is 100 watts
> MFJ deluxe versa tuner II
> Coax fed
> Air wound choke ...possible or if needed..
> I do have an antenna analyzer for tuneing.
>
> Joe
> KI4ILB
> solar powered ham radio 24/7
>
>

1772. Re: Identifying coax cable.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 11:56:21 UTC
From: Wimpie <wimtel@tetech.nl>
Message-ID: <1162295781.322459.173490@b28g2000cwb.googlegroups.com>
Source record: 50146

Boozo ha escrito:

> Have a 100 foot roll(approx) of used coax cable which has no markings
> printed on it.
> Can anyone tell me how I can work out what it might be ? e.g. 75 ohm or
> 50 ohm or ?
> Going by the size it looks similar to 50 ohm but I'm not sure.
>
> Any suggestions would be appreciated.

About coax impedance,

When you just have a (VHF) transmitter with 50 Ohm VSWR meter and
external dummy load, you can do the following:

Check whether the insulation (between inner and outer conductor) is
solid or not (may be foam).
Check whether the insulation (between inner and outer conductor) melts
(changes color to transparent) at relative low temperature.

If solid, the velocity factor is about 0.66, when foam, it will be
about 0.79..0.84
If it melts at relative low temperature it is very likely Polyethyleen
(PE) insulation, if not, it is PTFE (Teflon).

Based on your transmission frequency and the velocity factor, cut an
electrically quarter wave. Terminate the cable with the 50 Ohms dummy
load and connect the cable to the VSWR meter. Measure the VSWR of the
cable/dummy load combination.

When VSWR is almost one, you can be sure it is 50 Ohms cable. When it
is about 2.2, it will be 75 Ohms cable. When it has VSWR close to 3.5,
it is probably 93 Ohms cable. This is based on: Zload*Zinput = Zcalbe^2
for a quarter wave line.

When these measurements matches the mechanical identification of Tom's
posting, you can be very sure about the impedance of the cable.

Best Regards,

Wim
PA3DJS

1773. Re: 160 meter antenna pros and cons

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 12:27:07 UTC
From: Wimpie <wimtel@tetech.nl>
Message-ID: <1162297627.567732.163130@e3g2000cwe.googlegroups.com>
Source record: 50147

Merlin-7 KI4ILB ha escrito:

> I have 2 wire antennas that I am thinking about putting up..
>
> #1 A long wire with the shield of the coax grounded to the tower at the feed
> point with the center of the coax connected to a long wire cut for mid band
> on 160.
>
> #2 a normal dipole cut for mid band 160.
>
> What are the pros and cons of each?
>
> Max output is 100 watts
> MFJ deluxe versa tuner II
> Coax fed
> Air wound choke ...possible or if needed..
> I do have an antenna analyzer for tuneing.
>
> Joe
> KI4ILB
> solar powered ham radio 24/7

About "end fed" or "center fed" 160m halve wave antenna.

I assume that you will have a halve wave for both options and it is a
single band antenna.

The halve wave dipole will probably work well. I would insert a current
mode balun (based on low frequency ferrite), to reduce common mode
current. The VSWR will be that low, that after tuning in the shack the
cable loss will be negligible.

I have doubts about the end fed option. The halve wave end fed wire
will show a VSWR of about 30..40 to your coaxial cable (impedance in
the kOhms range). Of course you can correct this with the tuner in
shack, but I believe, depending on the cable length, most power will be
lost as heat in the cable.

If you still prefer this option, you may do part of the tuning at the
mast. You could build, for example a 50 Ohms to 1 kOhm transformer.
This will not give perfect match, but the VSWR will be in a range that
it can be tuned inside the shack without significant cable loss.

I would not reduce the length of the end fed wire to a quarter wave
(gives better match), because of high ground current (with associated
loss).

I hope this will help you making the best choice.

Wim
PA3DJS

1774. Re: 160 meter antenna pros and cons

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 13:06:05 UTC
From: Rick <ricknj10@hotmail.com>
Message-ID: <7TH1h.70$HA6.23@newsfe10.lga>
Source record: 50148

Normal dipole. You need all the height you can get. With the long wire of course it is dependent on the physical configuration as to whether you get horizontal or vertical radiation, and you need a ground for it that could be considerable. In fact MUST be considerable to reduce losses in the earth.
I had an inverted L up last year, 40 feet vertical and 80 ft mostly horizontal with 16 radials of about 50 ft, some longer. My inverted vee at 50 feet worked just as good. I almost never could see any difference, and the inv vee is trivial to feed.

Rick K2XT

1775. Re: Identifying coax cable.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 13:08:15 UTC
From: Rick <ricknj10@hotmail.com>
Message-ID: <3VH1h.72$HA6.69@newsfe10.lga>
Source record: 50149

> Can anyone tell me how I can work out what it might be ? e.g. 75 ohm or
> 50 ohm or ?

Sure, attach it to a dummy load and see if you get a perfect 1:1 swr.
There are lots of other ways but this is simplest.

1776. Re: Identifying coax cable.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 13:08:18 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <6VH1h.954$m54.656@newssvr14.news.prodigy.com>
Source record: 50150

Boozo wrote:
> Can anyone tell me how I can work out what it might be ? e.g. 75 ohm or
> 50 ohm or ?

If it is aluminum, it may be 75 ohm cable TV coax.
--
73, Cecil http://www.w5dxp.com

1777. Re: 160 meter antenna pros and cons

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 13:51:12 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <kxI1h.957$m54.407@newssvr14.news.prodigy.com>
Source record: 50151

Merlin-7 KI4ILB wrote:
> #1 A long wire with the shield of the coax grounded to the tower at the feed
> point with the center of the coax connected to a long wire cut for mid band
> on 160.

Why not turn your tower into an inverted-L and
gamma feed it? The tower plus the wire connected
at the top would need to be about 130 feet.

Otherwise, go with the dipole. The above #1 antenna,
as described without modifications, would not work
very well.
--
73, Cecil http://www.w5dxp.com

1778. Re: Possible NEC2 bug

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 15:10:52 UTC
From: Arie <4nec2@gmx.net>
Message-ID: <1162307452.021097.184290@e3g2000cwe.googlegroups.com>
Source record: 50152

Frank's wrote:

> I am sure Gerry Burke at LLNL would be glad to help you.

See: http://www.robomod.net/mailman/listinfo/nec-list

Arie.

1779. Re: Identifying coax cable.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 16:34:52 UTC
From: Tam/WB2TT <t-tammaru@c0mca$t.net>
Message-ID: <nJqdnfxbEey45trYnZ2dnUVZ_qednZ2d@comcast.com>
Source record: 50153

"Boozo" <paulv@iprimus.com.au> wrote in message
news:1162263921.961253.171270@m7g2000cwm.googlegroups.com...
> Have a 100 foot roll(approx) of used coax cable which has no markings
> printed on it.
> Can anyone tell me how I can work out what it might be ? e.g. 75 ohm or
> 50 ohm or ?
> Going by the size it looks similar to 50 ohm but I'm not sure.
>
> Any suggestions would be appreciated.
>

If it has a solid center conductor, it is almost certainly 75 Ohm. The only exception I can think of is some weird version of RG58.

Tam

1780. Re: Identifying coax cable.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 17:55:51 UTC
From: K7ITM <k7itm@msn.com>
Message-ID: <1162317351.092300.321090@k70g2000cwa.googlegroups.com>
Source record: 50154

Tam/WB2TT wrote:
> "Boozo" <paulv@iprimus.com.au> wrote in message
> news:1162263921.961253.171270@m7g2000cwm.googlegroups.com...
> > Have a 100 foot roll(approx) of used coax cable which has no markings
> > printed on it.
> > Can anyone tell me how I can work out what it might be ? e.g. 75 ohm or
> > 50 ohm or ?
> > Going by the size it looks similar to 50 ohm but I'm not sure.
> >
> > Any suggestions would be appreciated.
> >
>
> If it has a solid center conductor, it is almost certainly 75 Ohm. The only
> exception I can think of is some weird version of RG58.
>
> Tam

I do have a bunch of older RG-58 with solid center conductor, and pretty much all the HP BNC patch cables I've seen the insides of have a solid center. I believe the various semi-official versions (RG-58/U, RG-58A/U, RG-58B/U and RG-58C/U) tell whether the center is supposed to be solid or stranded, but that seems to have become bastardized. A quick Google search for RG58A yields cables with both solid and stranded centers. How about Belden 9913? Of course, the construction of that line is "different" enough that it would be hard to mistake it for something else, and I assume the poster would have mentioned the strange construction. Also, you're likely to find a solid center in higher impedance line like RG62/U, and you're likely to find stranded center on 75 ohm line (like RG-11/U, and others). And of course for some surplus custom line, all bets are off about both stranding and impedance!

Cheers,
Tom

1781. how does a revoked license show in the databases

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 18:09:12 UTC
From: "kb9rqz-3@hotmail.com" <kb9rqz-3@hotmail.com>
Message-ID: <1162318152.251319.150430@m7g2000cwm.googlegroups.com>
Source record: 50155
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

RadioGuy wrote:
> In article <FQw1h.12$L6.0@newsread3.news.pas.earthlink.net>,
> my.mail@no.spam says...
> > "n3ox.dan@gmail.com" <n3ox.dan@gmail.com> wrote in
> > news:1162215787.165148.232880@i42g2000cwa.googlegroups.com:
> >
> > > You are a whackjob and you and Slow Code are undoubtedly the same
> > > goddamn person. I can't WAIT until the code is dropped. I'd honestly
> > > rather have you on 75 meters than crossposting to every
> > > rec.radio.amateur newsgroup you can find.
> >
> > WHAAAAAAAAAAAAAAA!
> >
> >
> > That's not going to happen Dan. Amateur radio is important to me. I
> > would turn off my rigs before I would violate any section of Part 97.
> >
> > Tnx, 73, Good luck in the contest.
> >
> > SC
> > 20wpm code tested Extra
> >
> You don't have a license!!! It was revoked a year ago!
how do they either in qrz or fcc

1782. Re: Identifying coax cable.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 18:58:40 UTC
From: "Harold E. Johnson" <W4ZCB@mchsi.com>
Message-ID: <A1N1h.261969$1i1.61365@attbi_s72>
Source record: 50156

>> If it has a solid center conductor, it is almost certainly 75 Ohm. The
>> only
>> exception I can think of is some weird version of RG58.
>>
>> Tam
>
> I do have a bunch of older RG-58 with solid center conductor, and
> pretty much all the HP BNC patch cables I've seen the insides of have a
> solid center. I believe the various semi-official versions (RG-58/U,
> RG-58A/U, RG-58B/U and RG-58C/U) tell whether the center is supposed to
> be solid or stranded, but that seems to have become bastardized. A
> quick Google search for RG58A yields cables with both solid and
> stranded centers. How about Belden 9913? Of course, the construction
> of that line is "different" enough that it would be hard to mistake it
> for something else, and I assume the poster would have mentioned the
> strange construction. Also, you're likely to find a solid center in
> higher impedance line like RG62/U, and you're likely to find stranded
> center on 75 ohm line (like RG-11/U, and others). And of course for
> some surplus custom line, all bets are off about both stranding and
> impedance!
>
> Cheers,
> Tom

Well, I was going to avoid this, but when you chimed in Tom, couldn't help myself. In turn, I have a large helping of a Times Wire and Cable RG-8 size 50 Ohm coax with a solid inner conductor. Don't remember their nomenclature for it but it's a real bear getting "N" connectors onto it..

W4ZCB>

1783. REMINDER OF THE 1st ANNUAL GROUP CONVENTION

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 20:37:12 UTC
From: Douche Bag <loumaagsucks@hotmail.com>
Message-ID: <1162327031.916019.306620@k70g2000cwa.googlegroups.com>
Source record: 50157

On april 1st, I will host the 1st annual group members convention in Intercourse, PA. Bring you boat anchors and plenty of lube. You will need the lube for the different circle jerk meetings. You can swap spit, your fat wives, boat anchors, nerdy facts, geeky stories and even your sister! The cost for admission is a pair of your mamas soiled panties. We will have testicle sack races, foreskin tug of war, and don't forget sword fighting. At night we can sit around the camp fire and reminese about Hal Turner, Bill Cooper, and all of the other losers of shortwave gone by. On April 2nd we are going to have a shortwave DXing contest. The winner will be crowned with a crown made up of old radio tubes and knobs. Then we will have a knob polishing contest. The prize winner for that gets a free trip to San Fan., CA.
There will be a dress code. You must have a pocket protector, black polyester pants, white short sleave shirt, white socks, black shoes and a white hanky. No exceptions. To make your reservation call 1-800-565-6656.

Douche Bag

1784. Re: Cushcraft Antenna Query

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 21:29:24 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <EeP1h.49996$vi3.48210@bignews3.bellsouth.net>
Source record: 50158

"w9gb" <spam_protect@arrl.net> wrote in message
news:2KSdnVMd9-s7Jd7YnZ2dnUVZ_vidnZ2d@comcast.com...
> "Radiosrfun" <radiosrfun@radiosrfun.com> wrote in message
> news:45402f33$0$13803$ecde5a14@news.coretel.net...
>> Anyone know what Cushcraft uses in their 2 meter and similar antennas to
>> secure the lower end into their base? It "appears" to be a white
>> substance. Lots of hot melt glue?
>>
>> The substance gave way on an antenna I have here and I'd like to repair
>> it.
>>
>> Thanks!
>
> Cushcraft did use fiberglass for a number of years. Delrin is used by
> other antenna mfg.
>
> I have seen oil impregnated nylons used for some large verticals.
>
> gb
>

Dont know what I'd do without JB weld.

1785. Re: 160 meter antenna pros and cons

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 22:25:04 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <43Q1h.9924$HD6.6280@tornado.southeast.rr.com>
Source record: 50159

Thanks everyone.
I will be changeing my QTH next summer but was trying to get up something for 160.
My back lot has enough room (and trees) to place 1 side of the dipole from my tower. It would need to have a bend in it to make it fit but it is possible.
The front of the house is a problem, theres nothing there but the power lines...
Is it possible to put a slinkie on just one side of the dipole or would I need to make both sides exactly the same?
I could wrap a lot of wire around something (with the loops spaced apart a bit) on one or both sides of the dipole.
I am just trying to get up something for 160 for 9 months or so.

The fan dipole I have up now is about 66 feet long (each side from the tower) <<<<66<<<<tower>>>>66>>>>.

I do not know what would happen if I ran the 160m dipole 70 feet or so and bent the ends in the same direction (towards the back yard)

My back yard is 120' by75' (the fan dipole I have up is at an angle) The tower (feed point) is in the middle of the 120'side 75' from the back of the lot.

Any ideas? It will only be up for 9 months or so...
Thanks
Joe

1786. Re: Possible NEC2 bug

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 22:45:19 UTC
From: Frank <ve6cbdeletethis@andthis.telus.net>
Message-ID: <3mQ1h.76840$E67.28102@clgrps13>
Source record: 50160

"Arie" <4nec2@gmx.net> wrote in message
news:1162307452.021097.184290@e3g2000cwe.googlegroups.com...
> Frank's wrote:
>
>> I am sure Gerry Burke at LLNL would be glad to help you.
>
> See: http://www.robomod.net/mailman/listinfo/nec-list
>
> Arie.

Thanks Arie. I subscribe to the nec-list, so saw Gerry's reply.

Frank

1787. Re: Identifying coax cable.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 23:31:01 UTC
From: ml <m@di.net>
Message-ID: <m-90E9BF.18305831102006@news.verizon.net>
Source record: 50161

In article <1162263921.961253.171270@m7g2000cwm.googlegroups.com>,
"Boozo" <paulv@iprimus.com.au> wrote:

> Have a 100 foot roll(approx) of used coax cable which has no markings
> printed on it.
> Can anyone tell me how I can work out what it might be ? e.g. 75 ohm or
> 50 ohm or ?
> Going by the size it looks similar to 50 ohm but I'm not sure.
>
> Any suggestions would be appreciated.

just a note, lots of cable have sold conductors at 50ohms times
microwave and andrews cinta are examples

1788. guy wire for the ground wire

Newsgroup: rec.radio.amateur.antenna
Date: 2006-10-31 23:45:05 UTC
From: Ralph Mowery <rmowery28146@earthlink.net>
Message-ID: <5eR1h.555$l25.307@newsread4.news.pas.earthlink.net>
Source record: 50162

I don't recall seeing it anywhere, but is there any problem with using some left over guy wire (3/16 EHS) to go from the tower to a ground rod at the base of a tower. Planning on going to about 60 feet with Rohn 25 and will probably use a ground rod at the tower and maybe one at each of the guy points. Just seems to me that if the correct clamps are used the wires and tower would be the same material and not have a galvonic reaction.

1789. Re: Coax Crimp Tool Recommendation?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 00:06:34 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <ZxR1h.43834$X11.17579@bignews7.bellsouth.net>
Source record: 50163

"Dave" <W1MCE@comcast.net> wrote in message
news:Ro-dnR7I2LS-Lt7YnZ2dnUVZ_o-dnZ2d@comcast.com...
> Solder??
>
> Danny Richardson wrote:
>
>> Looking for suggestions for a good crimp tool for installing coax
>> connectors. It will primarily for BNC connectors on RG-174, 58 and 59
>> cables. Although the RG-8 cable family capability would be nice too. I do
>> wish to avoid being a captive customer in that brand X crimp tool
>> only works well with brand X connectors.
>>
>> And, of course, looking for the best bank for the buck.
>>
>> Thanks,
>>
>> Danny
>
I agree, unless you do a lot of connectors soldering is the best way to go.
It doesnt take long at all to get proficent at making good soldered on
connections. Crimp on connections can look good but be awful. A few years a
go a guy installed some equipment at work that had over 30 BNC connections.
He got an award for the installation and I got 50 hrs of overtime for going
back and really making it work right. Most of the work was repairing the
crimp on BNC connectors.. The problem with the connections, he used a crimp
tool that was about worn out.

1790. Re: Coax Crimp Tool Recommendation?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 00:31:41 UTC
From: I PUNCE <markpunce@yahoo.com>
Message-ID: <1162341101.724699.283610@m7g2000cwm.googlegroups.com>
Source record: 50164
Cross-posted to: rec.radio.cb,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.usenet.kooks

Slow Code wrote:
> Dave <W1MCE@comcast.net> wrote in
> news:Ro-dnR7I2LS-Lt7YnZ2dnUVZ_o-dnZ2d@comcast.com:
>
> > Solder??
>
>
> I know how you feel. I felt the same way after hearing there would be
> 5wpm Extras.
>
>
>
> > Danny Richardson wrote:
> >
> >> Looking for suggestions for a good crimp tool for installing coax
> >> connectors. It will primarily for BNC connectors on RG-174, 58 and 59
> >> cables. Although the RG-8 cable family capability would be nice too.
> >>
> >> I do wish to avoid being a captive customer in that brand X crimp tool
> >> only works well with brand X connectors.
> >>
> >> And, of course, looking for the best bank for the buck.
> >>
> >> Thanks,
> >>
> >> Danny
> >
> >

wait till hf is filled with marqueer extras

1791. Ain't no point in having any tests if code is eliminated.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 00:43:38 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <_4S1h.576$l25.152@newsread4.news.pas.earthlink.net>
Source record: 50165
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

CB'ers already know how to talk in a microphone and hook up an amp.

SC

1792. Re: Coax Crimp Tool Recommendation?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 00:43:40 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <05S1h.577$l25.354@newsread4.news.pas.earthlink.net>
Source record: 50166
Cross-posted to: rec.radio.cb,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.usenet.kooks

"I PUNCE" <markpunce@yahoo.com> wrote in
news:1162341101.724699.283610@m7g2000cwm.googlegroups.com:

>
> Slow Code wrote:
>> Dave <W1MCE@comcast.net> wrote in
>> news:Ro-dnR7I2LS-Lt7YnZ2dnUVZ_o-dnZ2d@comcast.com:
>>
>> > Solder??
>>
>>
>> I know how you feel. I felt the same way after hearing there would be
>> 5wpm Extras.
>>
>>
>>
>> > Danny Richardson wrote:
>> >
>> >> Looking for suggestions for a good crimp tool for installing coax
>> >> connectors. It will primarily for BNC connectors on RG-174, 58 and
>> >> 59 cables. Although the RG-8 cable family capability would be nice
>> >> too.
>> >>
>> >> I do wish to avoid being a captive customer in that brand X crimp
>> >> tool only works well with brand X connectors.
>> >>
>> >> And, of course, looking for the best bank for the buck.
>> >>
>> >> Thanks,
>> >>
>> >> Danny
>> >
>> >
>
> wait till hf is filled with marqueer extras

Shit. You just made halloween scary.

SC

1793. Re: no

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 00:44:07 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <r5S1h.596$l25.555@newsread4.news.pas.earthlink.net>
Source record: 50167
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"U-Know-Who" <no-one@nowhere.com> wrote in
news:m8x1h.25438$GR2.9848@tornado.texas.rr.com:

>
> "Slow Code" <my.mail@no.spam> wrote in message
> news:VQw1h.22$L6.3@newsread3.news.pas.earthlink.net...
>> "U-Know-Who" <no-one@nowhere.com> wrote in
>> news:Xlw1h.33604$ta3.30176@tornado.texas.rr.com:
>>
>>>
>>> "Jerry" <joxendi@bellsouth.net> wrote in message
>>> news:0Lp1h.14426$Fd7.12822@bignews6.bellsouth.net...
>>>>
>>>> <Mark@kb9rqz.org> wrote in message
>>>> news:0hqij2pe2svqh92ip5bn6pt8bj1j1sov2d@4ax.com...
>>>>> On Fri, 20 Oct 2006 23:44:46 GMT, Slow Code <my.mail@no.spam> wrote:
>>>>>
>>>>>>Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
>>>>>>news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
>>>>>>
>>>>>>> There was recently a thread here on the subject of whether morse
>>>>>>> had saved any lives recently. Well it has in the UK!
>>>>>>>
>>>>>>> Have a look at
>>>>>>> http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
>>>>>>>
>>>>>>> "Torch used in Morse code rescue.
>>>>>>> Coastguards in Hampshire have rescued a sailor who used his torch
>>>>>>> to flash an SOS message in Morse code."
>>>>>>>
>>>>>>> Ian.
>>>>>>
>>>>>>
>>>>>>Boy, Lenny Anderson is going to be pissed. That's not the sort
>>>>>>of CW news he likes to hear. Lucky for the sailor there was
>>>>>>still someone out there that knew code.
>>>>> no CW involved SC you lose again
>>>>>>
>>>>>>SC
>>>>> http://kb9rqz.blogspot.com/
>>>>>
>>>>> --
>>>>> Posted via a free Usenet account from http://www.teranews.com

>>>>
>>>>
>>>> HUH? Morse is Morse regardless if it is done with a key, a Navy
>>>> ship's lamp, a flashlight, or it is pecked out with a hammer or
>>>> stick!! ... --- ...! It DID save someone's life and a sinking
>>>> boat...well, maybe not the boat!;)
>>>
>>>
>>> Yeah! I remember. Wasn't that on the original Posiedon Adventure
>>> movie?
>>
>>
>> No, it was to save a sailor so he could buy an evening with your
>> mom.
>>
>> SC
>
> Oh my! You really outdid yourself with that one! And my Mom? Wow, she's
> 79.

He was desperate and all the clean hookers were taken.

How's your code practice coming or did you give up on trying to learn
code?

SC

1794. Re: Coax Crimp Tool Recommendation?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 00:49:08 UTC
From: Jim - NN7K <NN7K@NOWAY.NET>
Message-ID: <8aS1h.23926$e66.23717@newssvr13.news.prodigy.com>
Source record: 50168

AMP makes such, but be forwarned that their
connectors, and tool aint cheap! But, they work
great . They also make them for Pl259's . They
quite proud of their products.
http://www.amp.com/ Jim NN7K

Jimmie D wrote:
> "Dave" <W1MCE@comcast.net> wrote in message
> news:Ro-dnR7I2LS-Lt7YnZ2dnUVZ_o-dnZ2d@comcast.com...
>> Solder??
>>
>> Danny Richardson wrote:
>>
>>> Looking for suggestions for a good crimp tool for installing coax
>>> connectors. It will primarily for BNC connectors on RG-174, 58 and 59
>>> cables. Although the RG-8 cable family capability would be nice too. I do
>>> wish to avoid being a captive customer in that brand X crimp tool
>>> only works well with brand X connectors.
>>>
>>> And, of course, looking for the best bank for the buck.
>>>
>>> Thanks,
>>>
>>> Danny

1795. Re: no

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 00:51:41 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <xcS1h.19551$39.3457@southeast.rr.com>
Source record: 50169
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Path:
news-wrt-01.southeast.rr.com!news-wrt-01.tampabay.rr.com!be1.texas.rr.com!cy
clone.austin.rr.com!news.rr.com!border2.nntp.dca.giganews.com!border1.nntp.d
ca.giganews.com!nntp.giganews.com!newshub.sdsu.edu!elnk-nf2-pas!newsfeed.ear
thlink.net!stamper.news.pas.earthlink.net!newsread4.news.pas.earthlink.net.P
OSTED!3dd4ce4a!not-for-mail
Newsgroups:
rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap
Subject: Re: no
From: Slow Code <my.mail@no.spam>
References: <dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk>
<Obd_g.10060$Lv3.8396@newsread1.news.pas.earthlink.net>
<0hqij2pe2svqh92ip5bn6pt8bj1j1sov2d@4ax.com>
<0Lp1h.14426$Fd7.12822@bignews6.bellsouth.net>
<Xlw1h.33604$ta3.30176@tornado.texas.rr.com>
<VQw1h.22$L6.3@newsread3.news.pas.earthlink.net>
<m8x1h.25438$GR2.9848@tornado.texas.rr.com>
Organization: None
User-Agent: Xnews/5.04.25
Lines: 70
Message-ID: <r5S1h.596$l25.555@newsread4.news.pas.earthlink.net>
Date: Wed, 01 Nov 2006 00:44:07 GMT
NNTP-Posting-Host: 4.228.228.97
X-Complaints-To: abuse@earthlink.net
X-Trace: newsread4.news.pas.earthlink.net 1162341847 4.228.228.97 (Tue, 31
Oct 2006 16:44:07 PST)
NNTP-Posting-Date: Tue, 31 Oct 2006 16:44:07 PST
Xref: news-wrt-01.southeast.rr.com rec.radio.amateur.antenna:219976
rec.radio.amateur.policy:295781 rec.radio.swap:335024

"Slow Code" <my.mail@no.spam> wrote in message
news:r5S1h.596$l25.555@newsread4.news.pas.earthlink.net...
> "U-Know-Who" <no-one@nowhere.com> wrote in
> news:m8x1h.25438$GR2.9848@tornado.texas.rr.com:
>
> >
> > "Slow Code" <my.mail@no.spam> wrote in message
> > news:VQw1h.22$L6.3@newsread3.news.pas.earthlink.net...
> >> "U-Know-Who" <no-one@nowhere.com> wrote in
> >> news:Xlw1h.33604$ta3.30176@tornado.texas.rr.com:
> >>
> >>>
> >>> "Jerry" <joxendi@bellsouth.net> wrote in message

> >>> news:0Lp1h.14426$Fd7.12822@bignews6.bellsouth.net...
> >>>>
> >>>> <Mark@kb9rqz.org> wrote in message
> >>>> news:0hqij2pe2svqh92ip5bn6pt8bj1j1sov2d@4ax.com...
> >>>>> On Fri, 20 Oct 2006 23:44:46 GMT, Slow Code <my.mail@no.spam> wrote:
> >>>>>
> >>>>>>Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
> >>>>>>news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
> >>>>>>
> >>>>>>> There was recently a thread here on the subject of whether morse
> >>>>>>> had saved any lives recently. Well it has in the UK!
> >>>>>>>
> >>>>>>> Have a look at
> >>>>>>> http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
> >>>>>>>
> >>>>>>> "Torch used in Morse code rescue.
> >>>>>>> Coastguards in Hampshire have rescued a sailor who used his torch
> >>>>>>> to flash an SOS message in Morse code."
> >>>>>>>
> >>>>>>> Ian.
> >>>>>>
> >>>>>>
> >>>>>>Boy, Lenny Anderson is going to be pissed. That's not the sort
> >>>>>>of CW news he likes to hear. Lucky for the sailor there was
> >>>>>>still someone out there that knew code.
> >>>>> no CW involved SC you lose again
> >>>>>>
> >>>>>>SC
> >>>>> http://kb9rqz.blogspot.com/
> >>>>>
> >>>>> --
> >>>>> Posted via a free Usenet account from http://www.teranews.com
> >>>>
> >>>>
> >>>> HUH? Morse is Morse regardless if it is done with a key, a Navy
> >>>> ship's lamp, a flashlight, or it is pecked out with a hammer or
> >>>> stick!! ... --- ...! It DID save someone's life and a sinking
> >>>> boat...well, maybe not the boat!;)
> >>>
> >>>
> >>> Yeah! I remember. Wasn't that on the original Posiedon Adventure
> >>> movie?
> >>
> >>
> >> No, it was to save a sailor so he could buy an evening with your
> >> mom.
> >>
> >> SC
> >
> > Oh my! You really outdid yourself with that one! And my Mom? Wow, she's

> > 79.
>
>
> He was desperate and all the clean hookers were taken.
>
> How's your code practice coming or did you give up on trying to learn
> code?
>
> SC

1796. Re: no

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 01:08:02 UTC
From: Mark@kb9rqz.aprs
Message-ID: <uqsfk213cem1h5lgtg16c78qhcqi116afo@4ax.com>
Source record: 50170
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Wed, 01 Nov 2006 00:44:07 GMT, Slow Code <my.mail@no.spam> wrote:

>"U-Know-Who" <no-one@nowhere.com> wrote in
>news:m8x1h.25438$GR2.9848@tornado.texas.rr.com:
>
>>
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:VQw1h.22$L6.3@newsread3.news.pas.earthlink.net...
>>> "U-Know-Who" <no-one@nowhere.com> wrote in
>>> news:Xlw1h.33604$ta3.30176@tornado.texas.rr.com:
>>>
>>>>
>>>> "Jerry" <joxendi@bellsouth.net> wrote in message
>>>> news:0Lp1h.14426$Fd7.12822@bignews6.bellsouth.net...
>>>>>
>>>>> <Mark@kb9rqz.org> wrote in message
>>>>> news:0hqij2pe2svqh92ip5bn6pt8bj1j1sov2d@4ax.com...
>>>>>> On Fri, 20 Oct 2006 23:44:46 GMT, Slow Code <my.mail@no.spam> wrote:
>>>>>>
>>>>>>>Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk> wrote in
>>>>>>>news:dwpnLBM1+ROFFwP7@g3ohx.demon.co.uk:
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>>>>>>>> had saved any lives recently. Well it has in the UK!
>>>>>>>>
>>>>>>>> Have a look at
>>>>>>>> http://news.bbc.co.uk/1/hi/england/hampshire/6070444.stm
>>>>>>>>
>>>>>>>> "Torch used in Morse code rescue.
>>>>>>>> Coastguards in Hampshire have rescued a sailor who used his torch
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>>>>>>>> Ian.
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>>>>>>
>>>>>>SC
>>>>>> http://kb9rqz.blogspot.com/
>>>>>>

>>>>>> --
>>>>>> Posted via a free Usenet account from http://www.teranews.com
>>>>>
>>>>>
>>>>> HUH? Morse is Morse regardless if it is done with a key, a Navy
>>>>> ship's lamp, a flashlight, or it is pecked out with a hammer or
>>>>> stick!! ... --- ...! It DID save someone's life and a sinking
>>>>> boat...well, maybe not the boat!;)
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>>>>
>>>> Yeah! I remember. Wasn't that on the original Posiedon Adventure
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>>>
>>>
>>> No, it was to save a sailor so he could buy an evening with your
>>> mom.
>>>
>>> SC
>>
>> Oh my! You really outdid yourself with that one! And my Mom? Wow, she's
>> 79.
>
>
>He was desperate and all the clean hookers were taken.

bad ham if you are one at all
>
>How's your code practice coming or did you give up on trying to learn
>code?
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1797. id theft is acrime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 01:14:43 UTC
From: Mark@kb9rqz.aprs
Message-ID: <f7tfk2h5ugaacamnielrs8ddvbk7pj5are@4ax.com>
Source record: 50171
Cross-posted to: rec.radio.cb,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,rec.radio.amateur.policy

On 31 Oct 2006 16:31:41 -0800, "I PUNCE" <markpunce@yahoo.com> wrote:

>
and you knwo that
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1798. stop the cyber vandalism SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 01:17:49 UTC
From: Mark@kb9rqz.aprs
Message-ID: <7dtfk2pk4hujaomfosgovt0p7b6mmpma9j@4ax.com>
Source record: 50172
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

On Wed, 01 Nov 2006 00:43:38 GMT, Slow Code <my.mail@no.spam> wrote:

>
>CB'ers already know how to talk in a microphone and hook up an amp.
stop being Robeson's or his new clone
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1799. Re: Michael Jackson's Chimpanzee

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 01:38:37 UTC
From: AL <hipot230@nowhere.invalid>
Message-ID: <7FqdnWJHiMI8Z9rYUSdV9g@ptd.net>
Source record: 50173
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Elizabeth Taylor!!!

"Chris" <daviesc838@nospam.alvillage.net> wrote in message
news:3dcdzzzzzzzzzz1b6e.991075257@alvillage.net...
> On Sat, 28 Oct 2006 13:56:10 -0400, Mark@kb9rqz.aprs <Mark@kb9rqz.aprs>
> wrote:
>> On Sat, 28 Oct 2006 17:50:44 GMT, "Chris"
>> <daviesc838@nospam.alvillage.net> wrote:
>>
>> >On Sat, 28 Oct 2006 17:23:46 GMT, Cecil Moore <mycall@hotmail.com>
>> >wrote:
>> >>
>> >> Chris wrote:
>> >> > If you've never programmed in assembly language, don't talk to me
>> >> > about being a real programmer.
>> >>
>> >> Real programmers plugged diodes into a matrix to
>> >> execute their programs.
>> >
>> >Nope. That's hardware manipulation,
>> no that is prgraming indeed it is basis of all prgraming
>>
>> but you have to try and distrot and twist any line of logic till
>> bleeds
>
> Not so. The whole idea of SOFTware was to get away from what
> otherwise amounts to rewiring parts of your machine. At best, that
> was FIRMware, and it was not portable. Software -- the stuff that
> programmers produce -- can be easily copied among identical machines,
> so you only have to do the programming job once. That saves money,
> because it saves man hours.
>
> Programmers produce SOFTware. Engineers and technicians design or
> modify HARDware. Moving diodes or patch cables around is not software
> programming; it is HARDware manipulation.
>
> Have you ever written an assembly language program? If you had, you
> would be able to distinguish between hardware and software, and you
> would know how they interact. Your uninformed comments make me pretty
> sure that you haven't.
>
> [Bonus Question: What is the name of Michael Jackson's chimpanzee?]

1800. Re: Ain't no point in having any tests if code is eliminated.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 02:16:52 UTC
From: RadioGuy <RadioGuy@radioguy.com>
Message-ID: <MPG.1fb1cd9f3089a827989a7f@news-server.carolina.rr.com>
Source record: 50174
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

In article <_4S1h.576$l25.152@newsread4.news.pas.earthlink.net>,
my.mail@no.spam says...
>
> CB'ers already know how to talk in a microphone and hook up an amp.
>
> SC
>
That makes them one up on you.

1801. Re: Response to SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 02:49:01 UTC
From: RadioGuy <RadioGuy@radioguy.com>
Message-ID: <MPG.1fb1d529a82a361c989a8e@news-server.carolina.rr.com>
Source record: 50175
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,rec.radio.amateur.policy

In article <o4c1h.1643$zf.236@newsread3.news.pas.earthlink.net>,
my.mail@no.spam says...
> "Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in
> news:Vo91h.1331$nG1.778@tornado.southeast.rr.com:
>
> > If Slow Code left, I would miss him.
> >
> > I do not agree with him most of the time. As a matter of fact, he is
> > dead
> > wrong a lot of the time.
> >
> > At least he stands up for what he believes in.
> >
> > I myself, do not think that every ham should have to be able to
> > send/copy
> > code at 20wpm no more that I think they should be tested on psk,rtty,
> > slow scan tv. etc.
> >
> > Some people have a passion for code and some have a passion for other
> > modes. I use them all from time to time, and to be honest, after I move
> > next year, I am going to work on my code a bit more when I have the time
> > to do so.
> >
> > However, I will still give him a hard time about his ranting. After all
> > I
> > have not heard anyone tell him that he is not a real ham because he does
> > not have psk nailed down..HI HI
> > Joe
> > KI4ILB
>
>
> I was part of the big RRAP CW and anti-ARRL fights of the late 90's up
> until restructuring went into effect, then my posting tapered off. I'll
> disappear again once the FCC totally kills off ham radio by eliminating
> the code requirement. When that happens, I'll wear a strip of black
> electricians tape around my arm in memorial and observe twenty-four hours
> of radio silence in memory of a once proud service.
>
> Rest in Peace, Ham Radio. You were a good and faithful friend.
>
> SC
>
We could only hope you observe 24 years of newsgroup silence. By then

you'd be in the grave.

1802. Re: Identifying coax cable.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 02:57:00 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <L1U1h.50113$vi3.1043@bignews3.bellsouth.net>
Source record: 50076

"Harold E. Johnson" <W4ZCB@mchsi.com> wrote in message
news:A1N1h.261969$1i1.61365@attbi_s72...
>
>>> If it has a solid center conductor, it is almost certainly 75 Ohm. The
>>> only
>>> exception I can think of is some weird version of RG58.
>>>
>>> Tam
>>
>> I do have a bunch of older RG-58 with solid center conductor, and
>> pretty much all the HP BNC patch cables I've seen the insides of have a
>> solid center. I believe the various semi-official versions (RG-58/U,
>> RG-58A/U, RG-58B/U and RG-58C/U) tell whether the center is supposed to
>> be solid or stranded, but that seems to have become bastardized. A
>> quick Google search for RG58A yields cables with both solid and
>> stranded centers. How about Belden 9913? Of course, the construction
>> of that line is "different" enough that it would be hard to mistake it
>> for something else, and I assume the poster would have mentioned the
>> strange construction. Also, you're likely to find a solid center in
>> higher impedance line like RG62/U, and you're likely to find stranded
>> center on 75 ohm line (like RG-11/U, and others). And of course for
>> some surplus custom line, all bets are off about both stranding and
>> impedance!
>>
>> Cheers,
>> Tom
>
> Well, I was going to avoid this, but when you chimed in Tom, couldn't help
> myself. In turn, I have a large helping of a Times Wire and Cable RG-8
> size 50 Ohm coax with a solid inner conductor. Don't remember their
> nomenclature for it but it's a real bear getting "N" connectors onto it..
>
> W4ZCB>
>

Solid could be 92 ohms too.

1803. Re: Coax Crimp Tool Recommendation?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 03:10:58 UTC
From: Danny Richardson <n_group@k6mhe.com>
Message-ID: <vg3gk2docqgev9kifbv6hakd71erldd149@4ax.com>
Source record: 50077

On Tue, 31 Oct 2006 19:06:34 -0500, "Jimmie D"
<jimmiedee@bellsouth.net> wrote:

>I agree, unless you do a lot of connectors soldering is the best way to go.
>It doesnt take long at all to get proficent at making good soldered on
>connections. Crimp on connections can look good but be awful. A few years a
>go a guy installed some equipment at work that had over 30 BNC connections.
>He got an award for the installation and I got 50 hrs of overtime for going
>back and really making it work right. Most of the work was repairing the
>crimp on BNC connectors.. The problem with the connections, he used a crimp
>tool that was about worn out.

Thank you for the response, however, because others have suggested
soldering I feel an explanation may be in order.

I have been installing soldered coax connectors for more than fifty
years and feel I was pretty good at it, however, with advancing years
I have lost considerable motor skills and can not hold a soldering
iron (or anything else) very steady. My problem, at the moment, is
trying to make up some BNC connectors using RG-174. Although crimp on
connecters may not be the best choice, for me they appear to be a
viable option. Hence my inquiry as to what would be a good choice in
crimp on tools.

73,
Danny, K6MHE

1804. two topics one OT and one not

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 03:42:12 UTC
From: jawod <jawod@fuse.net>
Message-ID: <def5d$454817ff$4831cf4b$12383@FUSE.NET>
Source record: 50078

I recently posted regarding an antenna that Roy, W7EL designed back in
the 80's for backpacking (FD Special: directional array). I was a
little disappointed at no response but such is life.

Any thoughts as to whether this is a good approach to a home QTH antenna?

I was considering reconfiguring it for 17 meters and trying EZNEC for
the first time (if I can get the program to work on my new MacBook).

The antenna (20M version) consists of two elements separated by about 8
feet and the ends connected to a PVC pipe for support on each end
---<[======]>---

The antenna is 300 ohm twin lead and the feedpoint is in the center with
a 1/2 twist phasing line to the other element. 330 pF caps are used at
the feedpoint for matching.

I asked whether it might not be too difficult to reverse directionality.
(there's an article in QEX about that, in general, this month).

Any thoughts are appreciated.

2nd (OT) comment:
Compared to monitoring HF ham bands back in the 70's, is it true that
more QSOs are in nets now than individual QSOs?

I am very aware of the aging of hams (myself included)...many
conversations concerning healthcare interventions.

My impression is that the HF ham bands are LESS crowded than previously
(and this seems to conflict with what I am reading in ARRL, etc.)

thanks,

John
AB8O

1805. Re: Coax Crimp Tool Recommendation?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 04:22:14 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12kg87o7n75bcee@corp.supernews.com>
Source record: 50079

Danny Richardson wrote:
>
> Thank you for the response, however, because others have suggested
> soldering I feel an explanation may be in order.
>
> I have been installing soldered coax connectors for more than fifty
> years and feel I was pretty good at it, however, with advancing years
> I have lost considerable motor skills and can not hold a soldering
> iron (or anything else) very steady. My problem, at the moment, is
> trying to make up some BNC connectors using RG-174. Although crimp on
> connecters may not be the best choice, for me they appear to be a
> viable option. Hence my inquiry as to what would be a good choice in
> crimp on tools.

That's definitely a good reason, and the kind I appreciate more and more as time goes by. I'm sure it won't be long before I'm in the same boat, so I'll pay attention to the tool suggestions too.

Roy Lewallen, W7EL

1806. Re: two topics one OT and one not

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 04:33:34 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12kg8svj3pgjc19@corp.supernews.com>
Source record: 50080

Sorry, I missed the first posting.

It's a simple matter to reverse the directionality. Self-extracting ZIP file http://eznec.com/misc/fdsp~.exe contains a program for designing the antenna and a text file FDSP.txt with extensive notes including information on how to reverse it. (The original article is at http://eznec.com/Amateur/Articles/Field_Day_Special.pdf. See the added notes at the end.)

It's a difficult antenna to model with EZNEC, because there's no direct way to account for the effect of the dielectric material between conductors in the twinlead, and this has a significant effect on performance. The best approach is to use the design program (which does account for the dielectric) to tell you what the current ratio is, then model a simple, unfolded 2 element array with that ratio. The example file FDSP.ez which comes with EZNEC can easily be modified to suit the purpose. See the accompanying Antenna Notes file for more information.

Roy Lewallen, W7EL

jawod wrote:
> I recently posted regarding an antenna that Roy, W7EL designed back in
> the 80's for backpacking (FD Special: directional array). I was a
> little disappointed at no response but such is life.
>
> Any thoughts as to whether this is a good approach to a home QTH antenna?
>
> I was considering reconfiguring it for 17 meters and trying EZNEC for
> the first time (if I can get the program to work on my new MacBook).
>
> The antenna (20M version) consists of two elements separated by about 8
> feet and the ends connected to a PVC pipe for support on each end
> ---<[======]>---
>
> The antenna is 300 ohm twin lead and the feedpoint is in the center with
> a 1/2 twist phasing line to the other element. 330 pF caps are used at
> the feedpoint for matching.
>
> I asked whether it might not be too difficult to reverse directionality.
> (there's an article in QEX about that, in general, this month).
>
> Any thoughts are appreciated.
>
> 2nd (OT) comment:
> . . .

1807. Re: Michael Jackson's Chimpanzee

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 12:09:58 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <zrWdneWgZ58KE9XYnZ2dnUVZ_qSdnZ2d@bright.net>
Source record: 50081
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Hey what about us guys who programmed even further down the food chain
in "MACHINE LANGUAGE"? Assembly is for sissies! ;) We don't need no
stinkin' mnemonics :O

Scott

>>>>>Chris wrote:
>>>>>
>>>>>>If you've never programmed in assembly language, don't talk to me
>>>>>>about being a real programmer.

1808. Re: Possible NEC2 bug

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 13:10:16 UTC
From: neok <n5b4az@yahoo.com>
Message-ID: <1162386616.557404.181000@e64g2000cwd.googlegroups.com>
Source record: 50082

On Oct 30, 8:01 pm, "Frank's" <frank...@nospam.telus.net> wrote:
>I should have looked more carefully. I found it on page 30
> under details for the SP card. Strange, but my NEC-Win Pro
> does not recognize SC. When I attempt to run your code
> I get the following error message in the NEC output file:
> "NUMBER OF WIRE SEGMENTS AND SURFACE
> PATCHES EXCEEDS DIMENSION LIMIT".

This is very likely to do with the bug I reported. Gerry has now
verified
it is a bug and provided me with a fix. I don't know what he intends to
do now to notify vendors and users but this bug never showed all these
years because the input that causes it (wire connected to a patch and
EK
card used) is not a useful case.

73's

Neoklis 5B4AZ

1809. Re: Possible NEC2 bug

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 13:36:41 UTC
From: Frank <ve6cbdeletethis@andthis.telus.net>
Message-ID: <Jp12h.76957$E67.33884@clgrps13>
Source record: 50083

"neok" <n5b4az@yahoo.com> wrote in message
news:1162386616.557404.181000@e64g2000cwd.googlegroups.com...
>
>
> On Oct 30, 8:01 pm, "Frank's" <frank...@nospam.telus.net> wrote:
>>I should have looked more carefully. I found it on page 30
>> under details for the SP card. Strange, but my NEC-Win Pro
>> does not recognize SC. When I attempt to run your code
>> I get the following error message in the NEC output file:
>> "NUMBER OF WIRE SEGMENTS AND SURFACE
>> PATCHES EXCEEDS DIMENSION LIMIT".
>
> This is very likely to do with the bug I reported. Gerry has now
> verified
> it is a bug and provided me with a fix. I don't know what he intends to
> do now to notify vendors and users but this bug never showed all these
> years because the input that causes it (wire connected to a patch and
> EK
> card used) is not a useful case.
>
> 73's
>
> Neoklis 5B4AZ

Interesting, thanks Neoklis. Since NEC 4 ignores the EK card I guess
it explains why it runs without error.

73,

Frank (VE6CB)

1810. Re: two topics one OT and one not

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 13:54:14 UTC
From: jawod <jawod@fuse.net>
Message-ID: <4548A706.4040405@fuse.net>
Source record: 50084

Roy Lewallen wrote:
> Sorry, I missed the first posting.
>
> It's a simple matter to reverse the directionality. Self-extracting ZIP
> file http://eznec.com/misc/fdsp~.exe contains a program for designing
> the antenna and a text file FDSP.txt with extensive notes including
> information on how to reverse it. (The original article is at
> http://eznec.com/Amateur/Articles/Field_Day_Special.pdf. See the added
> notes at the end.)
>
> It's a difficult antenna to model with EZNEC, because there's no direct
> way to account for the effect of the dielectric material between
> conductors in the twinlead, and this has a significant effect on
> performance. The best approach is to use the design program (which does
> account for the dielectric) to tell you what the current ratio is, then
> model a simple, unfolded 2 element array with that ratio. The example
> file FDSP.ez which comes with EZNEC can easily be modified to suit the
> purpose. See the accompanying Antenna Notes file for more information.
>
> Roy Lewallen, W7EL
>
>
Roy, Thanks for the response. Soounds like I might have bit off more
than I can chew...but I may still try it...installation, at least, seems
a fairly easy project in Ohio winter.

John
AB8O

1811. Re: Michael Jackson's Chimpanzee

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 13:57:48 UTC
From: Chris <daviesc838@nospam.alvillage.net>
Message-ID: <81045F23.78165805@alvillage.net>
Source record: 50085
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Wed, 01 Nov 2006 12:09:58 +0000, Scott <acepilot@bloomer.net> wrote:
> Hey what about us guys who programmed even further down the food chain
> in "MACHINE LANGUAGE"? Assembly is for sissies! ;) We don't need no
> stinkin' mnemonics :O

That obviously makes you a real programmer. But it is the hard way to do things, especially if you find a mistake and need to insert a new instruction somewhere. All of the target addresses after the inserted instruction change, and you have to go back and correct all references to those later instructions, as well as some references to earlier instructions (relative jump instructions change value). I much prefer the "luxury" of an assembler, because it will do all of that stuff for you.

To stay on topic, I'd probably better mention that Michael Jackson's first chimp was named "Bubbles" and that the chimp and Michael would dress alike wherever they went. The chimp later moved away to Chassell, Michigan and started a consulting business. Michael took up with another chimp named Max, thereby sending Bubbles into a jealous rage. Bubbles has been acting his anger out in Usenet's rrap ever since. He can be recognized easily, because chimps don't spell or type all that well, and his posts stick out like a sore thumb. He tries to cover it up by claiming to be dyslexic, but everyone recognizes a chimp's typing when they see it, and they know that the poster is really Bubbles.

1812. get help

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 14:04:58 UTC
From: Mark@kb9rqz.aprs
Message-ID: <b9ahk2d3h6n8c4ib9bopsneiattqm518od@4ax.com>
Source record: 50086
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Wed, 1 Nov 2006 13:57:48 +0000 (UTC), "Chris"
<daviesc838@nospam.alvillage.net> wrote:

>On Wed, 01 Nov 2006 12:09:58 +0000, Scott <acepilot@bloomer.net> wrote:
>> Hey what about us guys who programmed even further down the food chain
>> in "MACHINE LANGUAGE"? Assembly is for sissies! ;) We don't need no
>> stinkin' mnemonics :O
>
>That obviously makes you a real programmer. But it is the hard way to
>do things, especially if you find a mistake and need to insert a new
>instruction somewhere. All of the target addresses after the inserted
>instruction change, and you have to go back and correct all references
>to those later instructions, as well as some references to earlier
>instructions (relative jump instructions change value). I much prefer
>the "luxury" of an assembler, because it will do all of that stuff for
>you.
>
>To stay on topic, I'd probably better mention that Michael Jackson's
>first chimp was named "Bubbles" and that the chimp and Michael would
>dress alike wherever they went. The chimp later moved away to
>Chassell, Michigan and started a consulting business. Michael took up
>with another chimp named Max, thereby sending Bubbles into a jealous
>rage. Bubbles has been acting his anger out in Usenet's rrap ever
>since. He can be recognized easily, because chimps don't spell or
>type all that well, and his posts stick out like a sore thumb. He
>tries to cover it up by claiming to be dyslexic, but everyone
>recognizes a chimp's typing when they see it, and they know that the
>poster is really Bubbles.
funny how you are so jealous of me and so desperate to try and malign
me

stil avoiding you Progaming gaff tell do you take advice on uhow to
handle your gaff from Kerry? it sure looks like it
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1813. Re: two topics one OT and one not

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 14:49:18 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <dubhk2dum6do5qdbqmlijpnqneficqllel@4ax.com>
Source record: 50087

>
>2nd (OT) comment:
>Compared to monitoring HF ham bands back in the 70's, is it true that
>more QSOs are in nets now than individual QSOs?
>
>I am very aware of the aging of hams (myself included)...many
>conversations concerning healthcare interventions.
>
>My impression is that the HF ham bands are LESS crowded than previously
>(and this seems to conflict with what I am reading in ARRL, etc.)
>
>thanks,
>
>John
>AB8O
I have felt there is less QRM now days too. When I consider my own circumstances, I never had the Technical abilities I have now. I think my TenTec Jupiter with its accurate tuning and variable bandwidth makes a big difference. I have noted that most QSO's take place on 1 mhz increments, which results in informal "channelizing" of the bands. I am usually exactly on the other fellows frequency. While there are probably more high power stations than ever, the rigs are cleaner in general. I would be embarrassed to key up some of the unstable HB rigs of the past. I think a higher percentage of the Ham population is satisfied with a decent antenna and a clean 100 watt rig. Rigs that enforce 50 ohm transmission lines have reduced interference too.

We are making better use of the allocated Spectrum.
John Ferrell W8CCW

1814. Re: two topics one OT and one not

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 16:45:22 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Ca42h.25987$7I1.3943@newssvr27.news.prodigy.net>
Source record: 50088

John Ferrell wrote:
> I have noted that most QSO's take place on 1
> mhz increments, which results in informal "channelizing" of the bands.

Wow, I've been missing most QSO's. I'll have to
listen to 4, 7, 14, 21, and 28 mhz from now on. :-)
--
73, Cecil http://www.w5dxp.com

1815. Re: 160 meter antenna pros and cons

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 18:39:40 UTC
From: Dave Oldridge <doldridg@leavethisoutshaw.ca>
Message-ID: <Xns986E6C727FA3doldridgsprintca@64.59.135.159>
Source record: 50089

"Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in
news:lCx1h.3008$nG1.1554@tornado.southeast.rr.com:

> I have 2 wire antennas that I am thinking about putting up..
>
> #1 A long wire with the shield of the coax grounded to the tower at
> the feed point with the center of the coax connected to a long wire
> cut for mid band on 160.
>
> #2 a normal dipole cut for mid band 160.

Take a dipole's worth of wire. Run it vertical for as far as you can, then horizontal. Feed it with a quarter wave of ladder line at the bottom end. The ground isn't too important....a 3/8" copper pipe driven in should do it. Tune the line as balanced. Cut it for the part of the band you use the most.

The higher you bend it, the better. Halfway is probably a good compromise between DX needs and local working.

--
Dave Oldridge+
ICQ 1800667

1816. Re: two topics one OT and one not

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 21:15:03 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12ki3iogc0roa6@corp.supernews.com>
Source record: 50090

jawod wrote:
>>
> Roy, Thanks for the response. Soounds like I might have bit off more
> than I can chew...but I may still try it...installation, at least, seems
> a fairly easy project in Ohio winter.

It's really not hard to design, build, or set up. I used one at Field Day this year as I have for the past 20 or so(*), and I had ones for 20 and 15 at home for quite a few years. One Field Day many years ago when the kids were little and we "car camped" with friends, we put FD Special antennas for 40, 20, and 15 up about 90 feet with a slingshot. Were the top of our class that year. Quite a few have been built for various bands and reports I've gotten is that they work as designed. Have fun!

(*) For a non-rotatable Field Day antenna from this location, the pattern is just about ideal. It's wide enough to cover most of the U.S. and without any significant power being wasted to the rear. I use only one feedline on Field Day since there's no real need to switch the direction.

Roy Lewallen, W7EL

1817. id theft is still a cimre

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 21:17:28 UTC
From: Mark@kb9rqz.aprs
Message-ID: <jl3ik2ljb7t0mrj14451nobqdsm6jleia7@4ax.com>
Source record: 50091
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Wed, 1 Nov 2006 16:33:03 +0000 (UTC), "Chris"
<daviesc838@nospam.alvillage.net> wrote:

>On Wed, 01 Nov 2006 09:04:58 -0500, Mark@kb9rqz.aprs <Mark@kb9rqz.aprs> wrote:
>> On Wed, 1 Nov 2006 13:57:48 +0000 (UTC), "Chris"
>> <daviesc838@nospam.alvillage.net> wrote:
>>

umb. He
>> >tries to cover it up by claiming to be dyslexic, but everyone
>> >recognizes a chimp's typing when they see it, and they know that the
>> >poster is really Bubbles.
>> funny how you are so jealous of me and so desperate to try and malign
>> me
>
>So you finally admit that you're Bubbles, eh?
no I am admiting that Bubbles reads english better tha you if you
like
>
>> stil avoiding you Progaming gaff tell do you take advice on uhow to

http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1818. id theft is crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 22:28:11 UTC
From: Mark@kb9rqz.aprs
Message-ID: <tq7ik2drt9g08qbov4v3chhuce2d2cjv7q@4ax.com>
Source record: 50093
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Wed, 1 Nov 2006 18:00:42 -0500, "D. Wilson" <anon@anon> wrote:

>It appears that Bubbles is yet again trying to hijack the thread.Get back on
>topic, Bubbles.
>
flaming your wn p[ost how pathetic
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1819. Re: Michael Jackson's Chimpanzee

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 23:00:42 UTC
From: "D. Wilson" <anon@anon>
Message-ID: <e7qsf.ano.19.1@news.alt.net>
Source record: 50092
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

It appears that Bubbles is yet again trying to hijack the thread.Get back on
topic, Bubbles.

"Chris" <daviesc838@nospam.alvillage.net> wrote in message
news:3098fa129776.79899976@alvillage.net...
On Wed, 01 Nov 2006 09:04:58 -0500, Mark@kb9rqz.aprs <Mark@kb9rqz.aprs>
wrote:
> On Wed, 1 Nov 2006 13:57:48 +0000 (UTC), "Chris"
> <daviesc838@nospam.alvillage.net> wrote:
>
> >On Wed, 01 Nov 2006 12:09:58 +0000, Scott <acepilot@bloomer.net> wrote:
> >> Hey what about us guys who programmed even further down the food chain
> >> in "MACHINE LANGUAGE"? Assembly is for sissies! ;) We don't need no
> >> stinkin' mnemonics :O
> >
> >That obviously makes you a real programmer. But it is the hard way to
> >do things, especially if you find a mistake and need to insert a new
> >instruction somewhere. All of the target addresses after the inserted
> >instruction change, and you have to go back and correct all references
> >to those later instructions, as well as some references to earlier
> >instructions (relative jump instructions change value). I much prefer
> >the "luxury" of an assembler, because it will do all of that stuff for
> >you.
> >
> >To stay on topic, I'd probably better mention that Michael Jackson's
> >first chimp was named "Bubbles" and that the chimp and Michael would
> >dress alike wherever they went. The chimp later moved away to
> >Chassell, Michigan and started a consulting business. Michael took up
> >with another chimp named Max, thereby sending Bubbles into a jealous
> >rage. Bubbles has been acting his anger out in Usenet's rrap ever
> >since. He can be recognized easily, because chimps don't spell or
> >type all that well, and his posts stick out like a sore thumb. He
> >tries to cover it up by claiming to be dyslexic, but everyone
> >recognizes a chimp's typing when they see it, and they know that the
> >poster is really Bubbles.
> funny how you are so jealous of me and so desperate to try and malign
> me

So you finally admit that you're Bubbles, eh?

> stil avoiding you Progaming gaff tell do you take advice on uhow to

Bubbles, the word you want is spelled "gaffe" (I hope). If you really
mean "gaff," why then you are speaking of either sailing gear or cross

dressing garments (see http://www.samiscloset.com/gaffs.asp). As to programming, why I have forgotten more about it than you have yet to learn.

> handle your gaff from Kerry? it sure looks like it

John Kerry has never sent me a gaff, and I'm puzzled as to why you think that he is a cross dresser?

1820. 3/8 - 24 coupling nut

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 23:29:58 UTC
From: Ed <Huckleberry_REMOVE_@bigvalley.net>
Message-ID: <Xns986E9E474C12Espectrumhogstarbandn@198.186.192.196>
Source record: 50094

Can anyone provide a source for 3/8 inch, 24 thread coupling nuts? All the hardware stores I have checked only have 16 thread coupling nuts available.

Ed K7AAT

1821. Re: 3/8 - 24 coupling nut

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-01 23:57:48 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <0wa2h.19021$TV3.7769@newssvr21.news.prodigy.com>
Source record: 50095

Ed wrote:
> Can anyone provide a source for 3/8 inch, 24 thread coupling nuts? All
> the hardware stores I have checked only have 16 thread coupling nuts
> available.

Lowe's has them in their specialty cabinets along
with the aluminum and nylon stuff.
--
73, Cecil http://www.w5dxp.com

1822. Re: 3/8 - 24 coupling nut

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 00:20:08 UTC
From: Brian Kelly <kelly@dvol.com>
Message-ID: <1162426808.212905.79460@b28g2000cwb.googlegroups.com>
Source record: 50096

Ed wrote:
> Can anyone provide a source for 3/8 inch, 24 thread coupling nuts? All
> the hardware stores I have checked only have 16 thread coupling nuts
> available.
>
>
> Ed K7AAT

http://www.boltdepot.com/product.aspx?cc=7&cs=181&cm=6

. . or "The Mother of All Hardware Stores"

http://www.mcmaster.com/

Look up their catalog number 90268A335

Brian w3rv

1823. Re: 3/8 - 24 coupling nut

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 01:01:40 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12kigrjt45rkadd@corp.supernews.com>
Source record: 50097

Ed wrote:
> Can anyone provide a source for 3/8 inch, 24 thread coupling nuts? All
> the hardware stores I have checked only have 16 thread coupling nuts
> available.
>
>
> Ed K7AAT
>

Ed;

GO to your local truck stop. They sell them for CB radio antenna's

Dave WD9BDZ

1824. Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 01:24:05 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <VMb2h.1209$l25.548@newsread4.news.pas.earthlink.net>
Source record: 50098
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

At club meetings, no-codes and nickle hams should have to stand up and salute when a 20wpm code tested Extra comes into the room.

SC

1825. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 01:30:35 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12kiihqsvmnnv58@corp.supernews.com>
Source record: 50099
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Slow Code wrote:

> At club meetings, no-codes and nickle hams should have to stand up and
> salute when a 20wpm code tested Extra comes into the room.
>
> SC

Middle finger salute.....

Dave N

1826. Re: Show some respect.blows code out your ear

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 01:36:04 UTC
From: Mark@kb9rqz.aprs
Message-ID: <criik21cs8mavgld8an80eah24jirioggb@4ax.com>
Source record: 50100
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Thu, 02 Nov 2006 01:24:05 GMT, Slow Code <my.mail@no.spam> wrote:

>At club meetings, no-codes and nickle hams should have to stand up and
>salute when a 20wpm code tested Extra comes into the room.
>
>SC
yu are a stupid fucker
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1827. Re: Coax Crimp Tool Recommendation?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 01:36:32 UTC
From: John Passaneau <w3jxp@adelphia.net>
Message-ID: <b8adnUiSrvA91tTYnZ2dnUVZ_oOdnZ2d@comcast.com>
Source record: 50101

Hi All:
My recommendation is to use the tool made by the company that makes your connector. They know what works best with their connectors. Having said that, all BNC's for RG174 and RG58 are almost the same and the inexpensive tool made by Amphonal and others work very well. It will cost you from $50 to $70 but it will work OK. They take interchangeable dies and you can use the dies from almost any similar looking tool in any of the handles. Type N's for RG-213 work well in crimp and I've think that Amphonal's RFX series crimp on PL259 (available for 213 and 58 with crimp braid and solder center conductor) works well and a tool with interchangeable dies makes going all crimp a little cheaper.
About 20 years ago I quit using as much as possible solder on connectors. I find a well assembled crimp better in all respects than an average solder on connector. I've used a lot of them too. I've worked for years in the High Energy Physics world and have installed 1000's of connectors on coax. As an example one small experiment we did had 9 miles of RG-213 with crimp on connectors and 1 miles of RG174 cut into 2' pieces with connectors crimped on. Not one failure do to connectors in the 4 years the experiment ran. The secret is to follow the manufactures directions EXACTLY and take care not to nick the braid or center conductor when striping the coax.

John Passaneau
Penn State University
University Park Pa.
"Roy Lewallen" <w7el@eznec.com> wrote in message
news:12kg87o7n75bcee@corp.supernews.com...
> Danny Richardson wrote:
>>
>> Thank you for the response, however, because others have suggested
>> soldering I feel an explanation may be in order. I have been installing
>> soldered coax connectors for more than fifty
>> years and feel I was pretty good at it, however, with advancing years
>> I have lost considerable motor skills and can not hold a soldering
>> iron (or anything else) very steady. My problem, at the moment, is
>> trying to make up some BNC connectors using RG-174. Although crimp on
>> connecters may not be the best choice, for me they appear to be a
>> viable option. Hence my inquiry as to what would be a good choice in
>> crimp on tools.
>
> That's definitely a good reason, and the kind I appreciate more and more
> as time goes by. I'm sure it won't be long before I'm in the same boat, so
> I'll pay attention to the tool suggestions too.
>
> Roy Lewallen, W7EL

1828. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 01:38:33 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1162431513.452757.151960@m7g2000cwm.googlegroups.com>
Source record: 50102
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Slow Code wrote:
> At club meetings, no-codes and nickle hams should have to stand up and
> salute when a 20wpm code tested Extra comes into the room.
>
> SC

Bruce, you're not a 20wpm code tested extra.

1829. Re: Influenced by human rights and other new political concepts, plus the integration trend in

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 02:28:23 UTC
From: Gary C <Clem_Kadiddlehopper@Crazy_Googinheimer.com>
Message-ID: <bJc2h.10$vP1.0@newssvr13.news.prodigy.com>
Source record: 50103
Cross-posted to: rec.radio.amateur.antenna,rec.sport.snowmobiles

<info@mediaservice.net> wrote in message news:1bda37@ff81ee3a0.net...
>
>
>
> Influenced by human rights and other new political concepts, plus the
> integration trend in
>
>

http://www.thekidfrombrooklyn.com/video_disp.asp?videoid=1077

1830. Re: guy wire for the ground wire

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 03:44:24 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1162439064.490191.201310@m7g2000cwm.googlegroups.com>
Source record: 50104

I'd avoid it. The conductivity of steel (stainless?) guy wire is much
lower than copper, maybe 40 times lower, so your 3/16th EHS is maybe
something like 20 gauge copper equivalent.

Dan

Ralph Mowery wrote:
> I don't recall seeing it anywhere, but is there any problem with using some
> left over guy wire (3/16 EHS) to go from the tower to a ground rod at the
> base of a tower. Planning on going to about 60 feet with Rohn 25 and will
> probably use a ground rod at the tower and maybe one at each of the guy
> points. Just seems to me that if the correct clamps are used the wires and
> tower would be the same material and not have a galvonic reaction.

1831. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 03:50:11 UTC
From: RadioGuy <RadioGuy@radioguy.com>
Message-ID: <MPG.1fb3350028c356b2989a95@news-server.carolina.rr.com>
Source record: 50107
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

In article <VMb2h.1209$l25.548@newsread4.news.pas.earthlink.net>,
my.mail@no.spam says...
> At club meetings, no-codes and nickle hams should have to stand up and
> salute when a 20wpm code tested Extra comes into the room.
>
> SC
>
I'd hold my nose when you come in the room you smelly old drunk!!!!!!

1832. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 03:51:01 UTC
From: RadioGuy <RadioGuy@radioguy.com>
Message-ID: <MPG.1fb33530c3f4edb1989a96@news-server.carolina.rr.com>
Source record: 50105
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

In article <1162431513.452757.151960@m7g2000cwm.googlegroups.com>, hot-ham-and-cheese@hotmail.com says...
>
> Slow Code wrote:
> > At club meetings, no-codes and nickle hams should have to stand up and
> > salute when a 20wpm code tested Extra comes into the room.
> >
> > SC
>
> Bruce, you're not a 20wpm code tested extra.
>
>
SC is a 2wpm extra special retard!!!

1833. Re: two topics one OT and one not

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 03:55:36 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <crqik2h1pg7g1s2es0nimo6dbgpk1f4sk1@4ax.com>
Source record: 50106

On Wed, 01 Nov 2006 16:45:22 GMT, Cecil Moore <mycall@hotmail.com>
wrote:

>John Ferrell wrote:
>> I have noted that most QSO's take place on 1
>> mhz increments, which results in informal "channelizing" of the bands.
>
>Wow, I've been missing most QSO's. I'll have to
>listen to 4, 7, 14, 21, and 28 mhz from now on. :-)
Oooops!
John Ferrell W8CCW

1834. Re: 10 meter mobile antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 04:09:46 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1162440586.226772.100040@b28g2000cwb.googlegroups.com>
Source record: 50108

> The current at the
> ends can reach levels to produce serious burns! Grab a mobile antenna below
> the loading coil while transmitting. You won't feel a thing! Grab it at or
> above the coil, it will burn the hell out of you (X-numbers of milliamps of
> RF current).

Jerry,

It's the high-voltage bits that bite you because your skin resistance
is so high it takes some substantial voltage to drive a noticable
current through you, but it doesn't take much current to give you a
nasty burn. The high-current parts of the antenna don't have enough
voltage to burn you.

Dan

1835. Re: Stamp collecting and creativity

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 04:10:05 UTC
From: RadioGuy <RadioGuy@radioguy.com>
Message-ID: <MPG.1fb339a9d8ac9f58989a9f@news-server.carolina.rr.com>
Source record: 50109
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

In article <C4c1h.1645$zf.690@newsread3.news.pas.earthlink.net>,
my.mail@no.spam says...
> "amdx" <amdx@knology.net> wrote in
> news:262b0$454498ba$45011502$14919@KNOLOGY.NET:
>
> >
> > "Slow Code" <my.mail@no.spam> wrote in message
> > news:Xwx0h.349$LI4.140@newsread2.news.pas.earthlink.net...
> >> Maybe you people could try stamp collecting.
> >>
> >> SC
> >
> > All these people that go out and buy stamps,
> > they should be making there own. There seems to be
> > a post office in every city, it just ruins there creativity
> > and thinking!
> > Mike
>
>
> You don't cut wood for winter, forage the woods for berries, turn the
> crank on a model T, build spears to kill a deer, wash clothes in a
> river, or make candles to light the night, why would you want to make
> your own stamps? Just collect them, no CW test required.
>
> Try not to drool on the sticky side.
>
> SC
>
You don't need any stamps. No one wants a letter from you and you never
pay your bills.

1836. Re: Stamp collecting doesn't require taking a code test.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 04:11:15 UTC
From: RadioGuy <RadioGuy@radioguy.com>
Message-ID: <MPG.1fb339f3af5e0ebf989aa0@news-server.carolina.rr.com>
Source record: 50115
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

In article <Xwx0h.349$LI4.140@newsread2.news.pas.earthlink.net>,
my.mail@no.spam says...
> Maybe you people could try stamp collecting.
>
> SC
>
Maybe you could try playing in traffic at rush hour with a sign around
your neck that says "Run me over get $100"

1837. Re: Stamp collecting doesn't require taking a code test.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 04:12:25 UTC
From: RadioGuy <RadioGuy@radioguy.com>
Message-ID: <MPG.1fb33a39a730f54c989aa1@news-server.carolina.rr.com>
Source record: 50110
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

In article <1162090896.121645.198860@i42g2000cwa.googlegroups.com>,
loumaagsucks@hotmail.com says...
> Dear Slow Code,
> How about another slow cock sucking? Don't you miss the taste? I'm
> ready for you.
> Slow Code wrote:
> > Maybe you people could try stamp collecting.
> >
> > SC
>
>
Be careful. Hes got diseases that haven't been identified. Just ask
his x wife!

1838. Re: ans calculations/ fuel cell battery buffer or cap?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 04:13:46 UTC
From: RadioGuy <RadioGuy@radioguy.com>
Message-ID: <MPG.1fb33a868069c16a989aa2@news-server.carolina.rr.com>
Source record: 50113
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

In article <ywx0h.329$LI4.284@newsread2.news.pas.earthlink.net>,
my.mail@no.spam says...
> Roy Lewallen <w7el@eznec.com> wrote in
> news:12k31eoloih3v5f@corp.supernews.com:
>
> > Tom Ring wrote:
> >> . . .
> >> 1 week is 168 hours which gives us 403 ampere hours.
> > > . . .
> >
> > which at 13.6 volts is about 5480 watt-hours. This is the energy storage
> > requirement.
> >
> > The OP asked about using a capacitor. The energy stored in a capacitor
> > is C * V^2 / 2. For capacitance in farads and voltage in volts, the
> > result is joules, or watt-seconds -- you need 5480 * 3600 ~ 20,000,000
> > joules in round numbers. So suppose you wanted to store this same amount
> > of energy in a capacitor, and you had a switching regulator which would
> > handle 50 volts maximum input voltage. Solving for C, assuming it's
> > charged to 50 volts,
> >
> > C = 20,000,000 * 2 / (50^2) = 16,000 farads.
> >
> > This assumes you can get all the energy out of the capacitor, which
> > requires your regulator to work down to zero volts. But you'll get 3/4
> > of the energy out of it if your regulator cuts off at 25 volts, 7/8 if
> > it cuts off at 12.5 volts, etc.
> >
> > How does that sound?
> >
> > Roy Lewallen, W7EL
>
>
> Send that to me in CW and I'll have a look at it.
>
> SC
>
You can't multiply so how could you help?

1839. Re: VE's should be allowed to use a cattle prod to make people take a code test.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 04:15:46 UTC
From: RadioGuy <RadioGuy@radioguy.com>
Message-ID: <MPG.1fb33b0257b0b693989aa3@news-server.carolina.rr.com>
Source record: 50116
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

In article <D6c0h.19671$UG4.17151@newsread2.news.pas.earthlink.net>,
my.mail@no.spam says...
> And if they fail the code test they get zapped again.
>
> Bringing back 'spark' will be good for ham radio.
>
> SC
>
Why do you care. You can't even legally transmit. You retard!

1840. Re: RF gets into computer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 04:17:06 UTC
From: RadioGuy <RadioGuy@radioguy.com>
Message-ID: <MPG.1fb33b49dc0e8834989aa4@news-server.carolina.rr.com>
Source record: 50111
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

In article <j6c0h.19665$UG4.8065@newsread2.news.pas.earthlink.net>,
my.mail@no.spam says...
> "John, N9JG" <john@Xremove.MeYgotwals.com> wrote in
> news:1i30h.7804$5i7.3310@newsreading01.news.tds.net:
>
> > When I operate on 75 meter SSB with my transceiver, my computer beeps
> > and disconnects/reconnects my USB connected keyboard. Note that I do not
> > have this problem on 40 meter SSB. My computer is located on the second
> > floor of a brick house, and one end of my dipole is about 15 feet from
> > my shack.
> >
> > From comments made by others, I may have to put RF filters on the cables
> > and wires connected to my computer. I am contemplating the use of
> > Amidon FT-240-77 ferrite toroids, which have an I.D. of 1.4 inches and
> > cost $9 each. If I buy in quantities of 10, is there a cheaper source
> > for this toroid?
> >
> > Any comments or suggestions on this problem would be appreciated.
>
>
>
> Do CW, you won't know if it's your computer or radio beeping. Problem
> solved.
>
>
> SC
>
You know nothing. You have the lowest brain capacity of any living
human in the world!!

1841. Re: Cushcraft Antenna Query

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 04:18:36 UTC
From: RadioGuy <RadioGuy@radioguy.com>
Message-ID: <MPG.1fb33ba4727c226f989aa5@news-server.carolina.rr.com>
Source record: 50114
Cross-posted to: rec.radio.amateur.antenna,rec.radio.swap,rec.radio.amateur.policy

In article <06c0h.19650$UG4.7986@newsread2.news.pas.earthlink.net>,
my.mail@no.spam says...
> "Radiosrfun" <radiosrfun@radiosrfun.com> wrote in
> news:45402f33$0$13803$ecde5a14@news.coretel.net:
>
> > Anyone know what Cushcraft uses in their 2 meter and similar antennas to
> > secure the lower end into their base? It "appears" to be a white
> > substance. Lots of hot melt glue?
> >
> > The substance gave way on an antenna I have here and I'd like to repair
> > it.
> >
> > Thanks!
>
>
> Sorry, I don't buy off the self, I homebrew, but maybe check the Cushcraft
> website. http://www.cushcraft.com/amateur/thumbs.asp
>
> 73
> SC
>
You couldn't homebrew toast. We should start calling you hemmoroid
because you're such a pain in the ass!!

1842. Re: RF gets into computer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 04:22:40 UTC
From: Charlie <charlie@ease.biz>
Message-ID: <12kisl9rbtltm09@corp.supernews.com>
Source record: 50112
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

I had similar issues with USB disconnects etc while operating HF QRO. I then added a ground wire from the case of the PC to my station ground and that resolved it for me...

--

73,Charlie-AD5TH
www.ad5th.com

"RadioGuy" <RadioGuy@radioguy.com> wrote in message news:MPG.1fb33b49dc0e8834989aa4@news-server.carolina.rr.com...
> In article <j6c0h.19665$UG4.8065@newsread2.news.pas.earthlink.net>,
> my.mail@no.spam says...
>> "John, N9JG" <john@Xremove.MeYgotwals.com> wrote in
>> news:1i30h.7804$5i7.3310@newsreading01.news.tds.net:
>>
>> > When I operate on 75 meter SSB with my transceiver, my computer beeps
>> > and disconnects/reconnects my USB connected keyboard. Note that I do
>> > not
>> > have this problem on 40 meter SSB. My computer is located on the second
>> > floor of a brick house, and one end of my dipole is about 15 feet from
>> > my shack.
>> >
>> > From comments made by others, I may have to put RF filters on the
>> > cables
>> > and wires connected to my computer. I am contemplating the use of
>> > Amidon FT-240-77 ferrite toroids, which have an I.D. of 1.4 inches and
>> > cost $9 each. If I buy in quantities of 10, is there a cheaper source
>> > for this toroid?
>> >
>> > Any comments or suggestions on this problem would be appreciated.
>>
>>
>>
>> Do CW, you won't know if it's your computer or radio beeping. Problem
>> solved.
>>
>>
>> SC
>>
> You know nothing. You have the lowest brain capacity of any living
> human in the world!!

1843. N1LO HF mobile antenna part question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 05:23:27 UTC
From: Ed <Huckleberry_REMOVE_@bigvalley.net>
Message-ID: <Xns986EDA36C997Espectrumhogstarbandn@198.186.192.196>
Source record: 50117

I'm planning on building the N1LO HF mobile antenna as outlined at:

http://www.qsl.net/n1lo/mobilhf.pdf

As part of the coil fabrication, he describes "gromment strips" used to hold the coil together. A McMaster-Carr part number 85085K8 is referenced for the grommet strip. The McMaster-Carr website does not show this part number as a grommet strip, but rather as a nylon edge trim, and not serrated. In fact, a search of the McMaster site does not reveal anything described as the "grommet strip".

I did manage to find grommet strips listed at other sites, but since I wish to place an order for other items from McMaster, I'd like to get the grommet strips from them too.

Can anyone shed any light on this?

Tnx

Ed K7AAT

1844. Re: Coax Crimp Tool Recommendation?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 06:23:05 UTC
From: "Text Medium No. 5" <mhm29x21@meow.flonk>
Message-ID:
<pan.2006.11.02.06.23.02.250372@hail.eris.flonk.meow.all.hail.discordia.meow.flonk.mockery.demon.not.really.leola>
Source record: 50118
Cross-posted to: rec.radio.cb,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.usenet.kooks

Hail Eris! On Tue, 31 Oct 2006 16:31:41 -0800, I PUNCE jabbered inanely:
> Slow Code wrote:
>> Dave wrote:
>>
>> > Solder??
>>
>> I know how you feel. I felt the same way after hearing there would be
>> 5wpm Extras.
>>
>> > Danny Richardson wrote:
>> >
>> >> Looking for suggestions for a good crimp tool for installing coax
>> >> connectors. It will primarily for BNC connectors on RG-174, 58 and 59
>> >> cables. Although the RG-8 cable family capability would be nice too.
>> >>
>> >> I do wish to avoid being a captive customer in that brand X crimp
>> >> tool only works well with brand X connectors.
>> >>
>> >> And, of course, looking for the best bank for the buck.
>> >>
>> >> Thanks,
>> >>
>> >> Danny
>
> wait till hf is filled with marqueer extras

That sounds exciting! Your foam should rise high, then.

--
Shon'ai COOSN-029-06-71069
"I was told there would be cookies."
Cross-Poasters For Goddess!
Remember: Straight people can't help it!
A petition to make the Five-Fingered Hand of Eris
the official symbol for the planet Eris:
http://www.petitiononline.com/ffhoeris/

"If you don't have pedicures AT LEAST every two weeks, don't talk to me.
If you don't floss every night and morning and brush at least twice a
day, don't talk to me. If you don't spend money on you hair and get
great cuts and color, don't talk to me. If you are heavy, don't talk to
me. If you don't shower every morning and take a nice bubble bath every
night, don't talk to me. If you don't have a loved one in your arms,

don't talk to me. If you don't keep an immaculate house, don't talk to me. If you don't work, don't talk to me." -- Clearly, Martha Vandella never wants to talk to me, which is for the best, really.
MID: <1161934857.062934.91900@i42g2000cwa.googlegroups.com>

1845. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 06:29:55 UTC
From: Paul Keenleyside <pleightz@teluz.net>
Message-ID: <Dfg2h.77921$E67.17196@clgrps13>
Source record: 50119
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"Slow Code" <my.mail@no.spam> wrote in message
news:VMb2h.1209$l25.548@newsread4.news.pas.earthlink.net...
> At club meetings, no-codes and nickle hams should have to stand up and
> salute when a 20wpm code tested Extra comes into the room.
>
> SC

Depends if he brought the coke and pizzas for the meeting or not.

have to know what's important these days in running a club.

1846. Re: 3/8 - 24 coupling nut

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 12:36:03 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <yfqdnV5Hisute9TYnZ2dnUVZ_r2dnZ2d@comcast.com>
Source record: 50120

Aubachon [sp?] has them in the stainless steel trays.

Ed wrote:

> Can anyone provide a source for 3/8 inch, 24 thread coupling nuts? All
> the hardware stores I have checked only have 16 thread coupling nuts
> available.
>
>
> Ed K7AAT
>

1847. Re: 160 meter antenna pros and cons

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 13:27:52 UTC
From: HS <hmjs@spray.se>
Message-ID: <snm2h.21448$E02.8764@newsb.telia.net>
Source record: 50121

Hello Joe!

One easy thing that you might try, is to slope a 1/4-wave wire from the
top of your tower, connecting your coax to the wire, and coax shield to
the tower at the feedpoint, this way your tower will be the "other leg"
of the dipiole, or a "counterpoise". Then just trim the 1/4-wave wire
for swr.

73 de Hans, SM3PXG

Merlin-7 KI4ILB wrote:
> Thanks everyone.
> I will be changeing my QTH next summer but was trying to get up something
> for 160.
> My back lot has enough room (and trees) to place 1 side of the dipole from
> my tower. It would need to have a bend in it to make it fit but it is
> possible.
> The front of the house is a problem, theres nothing there but the power
> lines...
> Is it possible to put a slinkie on just one side of the dipole or would I
> need to make both sides exactly the same?
> I could wrap a lot of wire around something (with the loops spaced apart a
> bit) on one or both sides of the dipole.
> I am just trying to get up something for 160 for 9 months or so.
>
> The fan dipole I have up now is about 66 feet long (each side from the
> tower) <<<<66<<<<tower>>>>66>>>>.
>
> I do not know what would happen if I ran the 160m dipole 70 feet or so and
> bent the ends in the same direction (towards the back yard)
>
> My back yard is 120' by75' (the fan dipole I have up is at an angle) The
> tower (feed point) is in the middle of the 120'side 75' from the back of the
> lot.
>
> Any ideas? It will only be up for 9 months or so...
> Thanks
> Joe
>
>

1848. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 13:43:34 UTC
From: Invader3K <beckermt@hotmail.com>
Message-ID: <1162475014.725499.251720@e3g2000cwe.googlegroups.com>
Source record: 50122
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Paul Keenleyside wrote:
> "Slow Code" <my.mail@no.spam> wrote in message
> news:VMb2h.1209$l25.548@newsread4.news.pas.earthlink.net...
> > At club meetings, no-codes and nickle hams should have to stand up and
> > salute when a 20wpm code tested Extra comes into the room.
> >
> > SC
>
> Depends if he brought the coke and pizzas for the meeting or not.
>
> have to know what's important these days in running a club.

Crap like this is why I haven't gone for a ham license. I've worked in
real broadcast radio and thought about taking the amateur test, but I
have no desire to be in a hobby filled with childish old geezers.

1849. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 14:13:46 UTC
From: "Harold E. Johnson" <W4ZCB@mchsi.com>
Message-ID: <u2n2h.221598$FQ1.195267@attbi_s71>
Source record: 50123
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"Invader3K" <beckermt@hotmail.com> wrote in message
news:1162475014.725499.251720@e3g2000cwe.googlegroups.com...
>
>

"Invader3K" <beckermt@hotmail.com> wrote in message
news:1162475014.725499.251720@e3g2000cwe.googlegroups.com...

> Crap like this is why I haven't gone for a ham license. I've worked in
> real broadcast radio and thought about taking the amateur test, but I
> have no desire to be in a hobby filled with childish old geezers.
>

Now careful there who you call an old geezer. I'm the same age as Winnie the Poo, and I too take umbrage with all the childish crud foisted upon the newsgroups by SC and others of his ilk. I'd be willing to place a wager that the SOB (Not to be implied that his name is Sweet Old Bill), is under 50 years of age and more likely, under 30. Certainly his mental age (and capacity) is less than any of my 6 great grandchildren and one of those is still in the oven.

Give the ham ticket another go. It's a great hobby despite the best efforts of that little publishing company in Connecticut, the QCWA and a few disgruntled idiots that have to have some reason to think themselves better than others even if it's only through an obsolete mechanical skill likely teachable to a reasonably smart chimpanzee.

W4ZCB

1850. Re: N1LO HF mobile antenna part question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 14:32:21 UTC
From: chuck <nospam@nospam.net>
Message-ID: <1162477993_2535@sp6iad.superfeed.net>
Source record: 50124

Have you tried to contact N1LO by email?

Chuck

Ed wrote:
> I'm planning on building the N1LO HF mobile antenna as outlined at:
>
> http://www.qsl.net/n1lo/mobilhf.pdf
>
>
> As part of the coil fabrication, he describes "gromment strips" used to
> hold the coil together. A McMaster-Carr part number 85085K8 is
> referenced for the grommet strip. The McMaster-Carr website does not show
> this part number as a grommet strip, but rather as a nylon edge trim, and
> not serrated. In fact, a search of the McMaster site does not reveal
> anything described as the "grommet strip".
>
> I did manage to find grommet strips listed at other sites, but since I
> wish to place an order for other items from McMaster, I'd like to get the
> grommet strips from them too.
>
> Can anyone shed any light on this?
>
> Tnx
>
> Ed K7AAT

-----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

1851. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 14:52:02 UTC
From: Bubbles@kb9rqz.aprs
Message-ID: <754gi2tmfvtrol85pqfj3ab209kkhtkj9@4ax.com>
Source record: 50125
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Thu, 02 Nov 2006 14:13:46 GMT, Harold E. Johnson <W4ZCB@mchsi.com> wrote:
>
> Give the ham ticket another go. It's a great hobby despite the best efforts
> of that little publishing company in Connecticut, the QCWA and a few
> disgruntled idiots that have to have some reason to think themselves better
> than others even if it's only through an obsolete mechanical skill likely
> teachable to a reasonably smart chimpanzee.
why you haveto dis poeple like me? bleive me I haev treid the code but
chmps cant do it so stfu. you just another staev.
http://bubbles.blogspot.com

1852. Re: RF gets into computer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 14:52:20 UTC
From: "John, N9JG" <john@Xremove.MeYgotwals.com>
Message-ID: <ECn2h.491$jV7.89@newsreading01.news.tds.net>
Source record: 49976
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

Thanks for the reply. The problem was solved when I

1) Ran #12 wire through the 2nd-story window sill and down to a 10 feet long copper clad ground rod. The length of the wire run is about 15 feet. While this may seem to be an obvious step, at my previous QTH the use of an earth ground made RF feedback problems worse on some bands.

2) Installed an Amidon FT-240-77 ferrite toroid as a common-mode choke (11 turns) in the Orion's DC power supply cable and located about 18" from the Orion. I am using an Astron RS-35A linear power supply (the fan on the Ten-Tec switching PS was too noisy). The cable run between the power supply and the Orion is somewhat lengthy because the Orion is connected to an MFJ-1129 multi-outlet strip.

"Charlie" <charlie@ease.biz> wrote in message
news:12kisl9rbtltm09@corp.supernews.com...
>I had similar issues with USB disconnects etc while operating HF QRO. I
>then added a ground wire from the case of the PC to my station ground and
>that resolved it for me...
>
> --
>
> 73,Charlie-AD5TH
> www.ad5th.com
>
>
> "RadioGuy" <RadioGuy@radioguy.com> wrote in message
> news:MPG.1fb33b49dc0e8834989aa4@news-server.carolina.rr.com...
>> In article <j6c0h.19665$UG4.8065@newsread2.news.pas.earthlink.net>,
>> my.mail@no.spam says...
>>> "John, N9JG" <john@Xremove.MeYgotwals.com> wrote in
>>> news:1i30h.7804$5i7.3310@newsreading01.news.tds.net:
>>>
>>> > When I operate on 75 meter SSB with my transceiver, my computer beeps
>>> > and disconnects/reconnects my USB connected keyboard. Note that I do
>>> > not
>>> > have this problem on 40 meter SSB. My computer is located on the
>>> > second
>>> > floor of a brick house, and one end of my dipole is about 15 feet from
>>> > my shack.
>>> >
>>> > From comments made by others, I may have to put RF filters on the
>>> > cables
>>> > and wires connected to my computer. I am contemplating the use of

>>> > Amidon FT-240-77 ferrite toroids, which have an I.D. of 1.4 inches and
>>> > cost $9 each. If I buy in quantities of 10, is there a cheaper source
>>> > for this toroid?
>>> >
>>> > Any comments or suggestions on this problem would be appreciated.
>>>
>>>
>>>
>>> Do CW, you won't know if it's your computer or radio beeping. Problem
>>> solved.
>>>
>>>
>>> SC
>>>
>> You know nothing. You have the lowest brain capacity of any living
>> human in the world!!
>
>

1853. Re: 10 meter mobile antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 15:35:34 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <3fo2h.13585$Bs.12730@bignews8.bellsouth.net>
Source record: 49977

"Jerry" <joxendi@bellsouth.net> wrote in message
news:xtp1h.14419$Fd7.887@bignews6.bellsouth.net...
>
> "Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in message
> news:OIa1h.3155$HD6.2200@tornado.southeast.rr.com...
>> Ok which one would you recommend?
>>
>> http://www.mouser.com/search/Refine.aspx?Ne=1447464+254016&Ntt=*330pf*&Mkw=330pf&N=1323
038+0
>>
>> Thanks
>> joe
>>
>>
>>>
>>> I've been able to mail order most any electrical part from Mouser. No
>>> minimum order. And it puts you on the list for their huge catalog.
>>>
>>> bob
>>> k5qwg
>>>
>>>
>>> >
>>> >> >vertical without having to cut it.
>>> >>
>>> >> I did exactly this (20 years ago). I used a variable compression
>> trimmer
>>> >> capacitor to check that I could actually get a low SWR, measured it,
>> and
>>> >> fitted the nearest value disc ceramic (rated at 500VDC). I think it
>>> >> was
>>> >> 330pF. No problems with 40W.
>>> >> Ian.
>
>
> I once saw a 102" whip on a motor home that had literally been wound into
> a 4 " dia coil about half way up! It looked like one of those CB "big
> coil" trucker antennas except it was all in one piece. I can only surmise
> that he heated it and wound it around some sort of form. It shortened the
> thing down to less that 5 feet. But, then, wouldn't that take the temper
> out of the steel and make it flop over the next time it was hit? There
> was also no evidence of heating, either; it looked like it had been formed
> at the beginning of its life. Anybody ever see anyone do this before. If
> so, how was it done?

>
> 73
>
> Jerry
>>> >> --
>>> >>
>>> >
>>
>>
>
>

Wouldnt be that hard to do, You can retemper the steel if it gets soft and the discoloring will buff off.
tempering metal takes some specific knowledge and experience. Ive done it to tools and had some success but I have also made them to brittle and they break.

Of course it may have been one of those big coil antennas

1854. Re: Horizontal Coaxial Dipole?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 16:01:02 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <4Do2h.13594$Bs.10946@bignews8.bellsouth.net>
Source record: 49978

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:Uax0h.17217$TV3.10617@newssvr21.news.prodigy.com...
> Jerry Martes wrote:
>> I dont propose that there is any practical reason to build a horizontal
>> coaxial-sleeve horizontal 1/2 wave dipole for HF.
>
> The practical reason is when it is not practical to
> center-feed a dipole. If one is forced to run the
> coax feedline very close and parallel to one of the
> dipole elements, might as well make the element hollow
> and run the coax feedline inside it.
>
> I wonder if that would work for a half-square? Make
> one of the vertical sections hollow and run the coax
> up the center of that section.
>
>> But your post suggests to me an interesting way to build a fullwave
>> "dipole". Two coaxial-sleeve 1/2 waves, end to end, might provide a
>> method of low impedance feeding a fullwave long horizontal "dipole".
>> I might even try it at VHF.
>
> There are two types of antennas called "sleeve" antennas.
> One has the braid connected to the sleeve where the
> 1/4WL single center conductor emerges. The other has
> the braid connected to the sleeve 1/4WL back down the
> feedline from that point to achieve a shorted 1/4WL
> stub sleeve.
> --
> 73, Cecil http://www.w5dxp.com

I have never tried the latter method but I suspect you may have some of the
same problems as with first because the dielectric properties of coax outer
jacket really stinks at rf. What are the limits on the diameter of your
sleeve?

1855. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 16:15:58 UTC
From: gwatts <gwatts@frontiernet.net>
Message-ID: <2Ro2h.4530$Ka1.2148@news01.roc.ny>
Source record: 49979
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Slow Code wrote:
> At club meetings, no-codes and nickle hams should have to stand up and
> salute when a 20wpm code tested Extra comes into the room.
>
> SC

You'll get the vertical smile salute with that attitude.

Respect, other than the occasional holding of an open door has to be
earned and maintained. You may have done the former but you've failed
miserably at the latter.

W8LNA

1856. Re: 160 meter antenna pros and cons

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 16:35:55 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <L7p2h.202$r12.166@newssvr12.news.prodigy.com>
Source record: 49980

HS wrote:
> One easy thing that you might try, is to slope a 1/4-wave wire from the
> top of your tower, connecting your coax to the wire, and coax shield to
> the tower at the feedpoint, this way your tower will be the "other leg"
> of the dipiole, or a "counterpoise". Then just trim the 1/4-wave wire
> for swr.

The ARRL Antenna Book says that works if the tower is 1/4WL
tall or taller. A 1/4WL tower on 160m would be about 130 feet
tall. If the tower is less than 1/4WL tall, it seems to become
the major radiating portion of the antenna. I just modeled a
33 foot tower and a 100 foot wire on 1.9 MHz. That total length
is just about 1/4WL and winds up looking something like a gamma
fed inverted-L. The feedpoint impedance at the top of the tower
is low at ~8 ohms.

Such an antenna has a 50 ohm feedpoint impedance somewhere
along that horizontal wire. In my 33'-101' version above, the
50 ohm feedpoint is about 40' from the open end of the 100' wire.
And, of course, the feedpoint currents are unbalanced.

```
100' total
+-----------------------FP---------------
| 60' 50 ohm 40'
|
|33' tower
|
|
+-----GND
```

--
73, Cecil, http://www.qsl.net/w5dxp

1857. Re: N1LO HF mobile antenna part question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 16:51:48 UTC
From: Ed <Huckleberry_REMOVE_@bigvalley.net>
Message-ID: <Xns986F5AC945ACCspectrumhogstarbandn@198.186.192.196>
Source record: 49981

> Have you tried to contact N1LO by email?
>
> Chuck

Yes. The only address I could find is N1LO at QSL dot NET.... no
response so far.

1858. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 17:11:21 UTC
From: kd5sak <kd5sak@sbcglobal.net>
Message-ID: <ZEp2h.183$Mw.69@newssvr11.news.prodigy.com>
Source record: 49982
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

> Respect, other than the occasional holding of an open door has to be
> earned and maintained. You may have done the former but you've failed
> miserably at the latter.
>
> W8LNA

Those of us not actually acquainted with him are uncertain as to whether he has actually earned anything. We have only his word and he's caused some doubt as to it's value.

Harold
KD5SAK

1859. Phasing Verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 18:21:22 UTC
From: John Phillips <k1bxi@verizon.net>
Message-ID: <CGq2h.4900$B44.474@trndny07>
Source record: 49983

A friend of mine is shunt feeding his 80 foot tower on
75 meters. He asked me if he could install another shorter (35 ft)
inductively loaded vertical 1/4 wave away from the tower
and phase them to favor Europe. I was not sure. Will two unequal
physically, but resonate, vertical antennas have the same low angle of
radiation as two that are equal in size? My thought is that they may
have some kind of directivity, but not as low an angle as equal ones.
Yes, there will be a good system of ground radials.

John / K1BXI

1860. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 18:30:54 UTC
From: Mark@kb9rqz.aprs
Message-ID: <g7ekk2lsss9sleenvbldbv4j0072gbq01f@4ax.com>
Source record: 49984
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Thu, 02 Nov 2006 16:15:58 GMT, gwatts <gwatts@frontiernet.net>
wrote:

>Slow Code wrote:
>> At club meetings, no-codes and nickle hams should have to stand up and
>> salute when a 20wpm code tested Extra comes into the room.
>>
>> SC
>
>You'll get the vertical smile salute with that attitude.
>
>Respect, other than the occasional holding of an open door has to be
>earned and maintained. You may have done the former but you've failed
>miserably at the latter.
>
>W8LNA
indeed I have always respect was more of credit line matter (but then
I grew up with ceidit cards) but pI start with a line of credit and do
and make your payment but SC (and esp of the ProCoder) are seriously
over thier limits and not making payments
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1861. Re: Phasing Verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 18:43:48 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <E%q2h.4433$VX5.4074@trnddc05>
Source record: 49985

"John Phillips" <k1bxi@verizon.net> wrote in message
news:CGq2h.4900$B44.474@trndny07...
>A friend of mine is shunt feeding his 80 foot tower on
> 75 meters. He asked me if he could install another shorter (35 ft)
> inductively loaded vertical 1/4 wave away from the tower
> and phase them to favor Europe. I was not sure. Will two unequal
> physically, but resonate, vertical antennas have the same low angle of
> radiation as two that are equal in size? My thought is that they may have
> some kind of directivity, but not as low an angle as equal ones. Yes,
> there will be a good system of ground radials.
>
> John / K1BXI

Hi John

Have you considered trying to model the antenna with EZNEC?
Antenna modeling scared me because I'm not bright. But EZNEC is quite
understandable and easy to use.

Jerry

1862. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 18:44:59 UTC
From: gwatts <gwatts@frontiernet.net>
Message-ID: <L0r2h.4549$Ka1.1531@news01.roc.ny>
Source record: 49986
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Slow Code wrote:
> At club meetings, no-codes and nickle hams should have to stand up and
> salute when a 20wpm code tested Extra comes into the room.
>
> SC

How about us 13 wpm hams? Should we stand or remain seated while we
laugh at your pomposity?

W8LNA, a 'Lucky 13'er'

1863. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 19:25:57 UTC
From: jakdedert <jakdedert@bellsouth.net>
Message-ID: <fBr2h.21934$kI6.11595@bignews4.bellsouth.net>
Source record: 49987
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Slow Code wrote:
> At club meetings, no-codes and nickle hams should have to stand up and
> salute when a 20wpm code tested Extra comes into the room.
>
> SC
>
If I could copy 30 wpm, would you suck my....?

jak

1864. Re: guy wire for the ground wire

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 19:33:10 UTC
From: Wes Stewart <n7ws*@*yahoo.com>
Message-ID: <hvhkk21dp0fbi180u4f3e5pfaunist0qvl@4ax.com>
Source record: 49988

On 1 Nov 2006 19:44:24 -0800, "n3ox.dan@gmail.com"
<n3ox.dan@gmail.com> wrote:

>I'd avoid it. The conductivity of steel (stainless?) guy wire is much
>lower than copper, maybe 40 times lower, so your 3/16th EHS is maybe
>something like 20 gauge copper equivalent.

3/16" is approximately 5 AWG. The ITT handbook gives the resistance
of copper-clad steel (a good enough approximation to zinc plated
steel) as about 1 ohm/1000'.

Compared to the resistance of a ground rod to Earth "connection" I
think that a few feet of steel wire resistance is in the noise.

I'd watch out for a zinc to copper connection tho.

>
>Dan
>
>Ralph Mowery wrote:
>> I don't recall seeing it anywhere, but is there any problem with using some
>> left over guy wire (3/16 EHS) to go from the tower to a ground rod at the
>> base of a tower. Planning on going to about 60 feet with Rohn 25 and will
>> probably use a ground rod at the tower and maybe one at each of the guy
>> points. Just seems to me that if the correct clamps are used the wires and
>> tower would be the same material and not have a galvonic reaction.

1865. Re: Phasing Verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 19:45:22 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1162496722.260720.12320@f16g2000cwb.googlegroups.com>
Source record: 49989

John, phasing two electrically different driven, shunt fed towers is
not a task for the beginner... It is done by technically experienced
hams (and there are a number on here who can do it in their sleep) and
by broadcast professionals...
However, simply adding a tower 1/8 wave away, loading it to tune~3%
below the operating frequency and having it act as a parasitic
reflector is really quite simple... This is what I recommend you and
your buddy consider... Top hat load the tower and use the inductor
between the top of the tower and the hat as the final adjustment to the
tuning... Use a field strength meter to get the tuning correct...

denny / k8do

John Phillips wrote:
> A friend of mine is shunt feeding his 80 foot tower on
> 75 meters. He asked me if he could install another shorter (35 ft)
> inductively loaded vertical 1/4 wave away from the tower
> and phase them to favor Europe. I was not sure. Will two unequal
> physically, but resonate, vertical antennas have the same low angle of
> radiation as two that are equal in size? My thought is that they may
> have some kind of directivity, but not as low an angle as equal ones.
> Yes, there will be a good system of ground radials.
>
> John / K1BXI

1866. Re: N1LO HF mobile antenna part question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 20:22:37 UTC
From: chuck <nospam@nospam.net>
Message-ID: <1162499009_3335@sp6iad.superfeed.net>
Source record: 49990

Ed wrote:
>> Have you tried to contact N1LO by email?
>>
>> Chuck
>
>
> Yes. The only address I could find is N1LO at QSL dot NET.... no
> response so far.
>
>
>
There is a hotmail address for N1LO at
the very end of the link you posted. You
might try that.

I've emailed him on our local club
reflector suggesting that he post a
response to you on the newsgroup or that
he send me his current email address,
which I'll pass on to you, Ed.

Chuck
NT3G

-----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

1867. Re: guy wire for the ground wire

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 20:30:06 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <esjkk25mq4ul20r8hfdhkmg1j29jb8f2op@4ax.com>
Source record: 49991

On Tue, 31 Oct 2006 23:45:05 GMT, "Ralph Mowery"
<rmowery28146@earthlink.net> wrote:

>I don't recall seeing it anywhere, but is there any problem with using some
>left over guy wire (3/16 EHS) to go from the tower to a ground rod at the
>base of a tower. Planning on going to about 60 feet with Rohn 25 and will
>probably use a ground rod at the tower and maybe one at each of the guy
>points. Just seems to me that if the correct clamps are used the wires and
>tower would be the same material and not have a galvonic reaction.
>

Do you have codes or standards that provide guidance, or requirements?

The standard applicable here in Australia suggests that it is likely
that earthing conductors need to be 35mm^2 copper or better (~ 2AWG).

The conductor used for lightning protection should be sufficient to
carry the anticipated current without deterioration and without risk
of fire.

People often design for a scenario like 20kA for 0.1s.

I don't know how 3/16EHS performs in that scenario, but I venture that
it probably has csa of about 10mm^2, conductivity of a tenth of
copper, higher inductance than copper (which affects the voltage
rise), higher specific heat and higher melting point.

Perhaps it is safer to use copper of adequate size.

Owen
--

1868. Re: RF gets into computer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 21:08:49 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <renkk292cqmcbt6pn6r2nqlisp9ndopetq@4ax.com>
Source record: 49992
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

On Thu, 02 Nov 2006 14:52:20 GMT, "John, N9JG"
<john@Xremove.MeYgotwals.com> wrote:

>1) Ran #12 wire through the 2nd-story window sill and down to a 10 feet long
>copper clad ground rod. The length of the wire run is about 15 feet. While
>this may seem to be an obvious step, at my previous QTH the use of an earth
>ground made RF feedback problems worse on some bands.
>
Hi John,

Make sure to connect this in dependant ground to the service ground or
you will have created an yet undiscovered new problem.

I say this because of the clue offered in your statement above about
problems becoming WORSE (you probably didn't have that ground tied to
the service ground then too, did you?).

73's
Richard Clark, KB7QHC

1869. Re: N1LO HF mobile antenna part question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 21:32:49 UTC
From: Ed <Huckleberry_REMOVE_@bigvalley.net>
Message-ID: <Xns986F8A6F74ECAspectrumhogstarbandn@198.186.192.196>
Source record: 49995

>>
>> Yes. The only address I could find is N1LO at QSL dot NET.... no
>> response so far.

> There is a hotmail address for N1LO at
> the very end of the link you posted. You
> might try that.
>
> I've emailed him on our local club
> reflector suggesting that he post a
> response to you on the newsgroup or that
> he send me his current email address,
> which I'll pass on to you, Ed.

Thanks, Chuck. I now see that I overlooked the hotmail email address
for him and have resent my query to that address. If your efforts
generate a response from him, so much the better.

Thanks again.

Ed K7AAT

1870. Re: RF gets into computer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 21:33:25 UTC
From: "John, N9JG" <john@Xremove.MeYgotwals.com>
Message-ID: <Fut2h.503$jV7.502@newsreading01.news.tds.net>
Source record: 49993
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

What you have suggested is on my "to do" list. The run to the service ground
will be quite long, however.

"Richard Clark" <kb7qhc@comcast.net> wrote in message
news:renkk292cqmcbt6pn6r2nqlisp9ndopetq@4ax.com...
> On Thu, 02 Nov 2006 14:52:20 GMT, "John, N9JG"
> <john@Xremove.MeYgotwals.com> wrote:
>
>>1) Ran #12 wire through the 2nd-story window sill and down to a 10 feet
>>long
>>copper clad ground rod. The length of the wire run is about 15 feet. While
>>this may seem to be an obvious step, at my previous QTH the use of an
>>earth
>>ground made RF feedback problems worse on some bands.
>>
> Hi John,
>
> Make sure to connect this in dependant ground to the service ground or
> you will have created an yet undiscovered new problem.
>
> I say this because of the clue offered in your statement above about
> problems becoming WORSE (you probably didn't have that ground tied to
> the service ground then too, did you?).
>
> 73's
> Richard Clark, KB7QHC

1871. Re: RF gets into computer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 21:35:22 UTC
From: "John, N9JG" <john@Xremove.MeYgotwals.com>
Message-ID: <uwt2h.504$jV7.286@newsreading01.news.tds.net>
Source record: 49994
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

I guess I didn't answer your question. You are quite right that at the
previous QTH, the shack ground rod was not strapped to the AC service rod.

"Richard Clark" <kb7qhc@comcast.net> wrote in message
news:renkk292cqmcbt6pn6r2nqlisp9ndopetq@4ax.com...
> On Thu, 02 Nov 2006 14:52:20 GMT, "John, N9JG"
> <john@Xremove.MeYgotwals.com> wrote:
>
>>1) Ran #12 wire through the 2nd-story window sill and down to a 10 feet
>>long
>>copper clad ground rod. The length of the wire run is about 15 feet. While
>>this may seem to be an obvious step, at my previous QTH the use of an
>>earth
>>ground made RF feedback problems worse on some bands.
>>
> Hi John,
>
> Make sure to connect this in dependant ground to the service ground or
> you will have created an yet undiscovered new problem.
>
> I say this because of the clue offered in your statement above about
> problems becoming WORSE (you probably didn't have that ground tied to
> the service ground then too, did you?).
>
> 73's
> Richard Clark, KB7QHC

1872. MicroMatch

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 21:37:29 UTC
From: Sonny Hood <wrhood@cox.net>
Message-ID: <47pkk2pnenmaa3q69dr9h99q2sh4thmi07@4ax.com>
Source record: 49996

I have an M C Jones MicroMatch (Microwave Devices) and the pot in
the indicator unit (Model 262 w/ Model 261 Coupler Unit) was replaced
with a 500 ohm potentiometer. What is the correct value to allow the
scale to match the pointer, and is it straight or tampered? Would
like to have a copy of the schematic, if anyone can e-mail it to me.
<k4wys@cox.net>

1873. Re: Phasing Verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 21:42:12 UTC
From: John Phillips <k1bxi@verizon.net>
Message-ID: <UCt2h.4917$B44.1526@trndny07>
Source record: 49997

Denny wrote:
> John, phasing two electrically different driven, shunt fed towers is
> not a task for the beginner... It is done by technically experienced
> hams (and there are a number on here who can do it in their sleep) and
> by broadcast professionals...
> However, simply adding a tower 1/8 wave away, loading it to tune~3%
> below the operating frequency and having it act as a parasitic
> reflector is really quite simple... This is what I recommend you and
> your buddy consider... Top hat load the tower and use the inductor
> between the top of the tower and the hat as the final adjustment to the
> tuning... Use a field strength meter to get the tuning correct...
>
> denny / k8do
>
> John Phillips wrote:
>> A friend of mine is shunt feeding his 80 foot tower on
>> 75 meters. He asked me if he could install another shorter (35 ft)
>> inductively loaded vertical 1/4 wave away from the tower
>> and phase them to favor Europe. I was not sure. Will two unequal
>> physically, but resonate, vertical antennas have the same low angle of
>> radiation as two that are equal in size? My thought is that they may
>> have some kind of directivity, but not as low an angle as equal ones.
>> Yes, there will be a good system of ground radials.
>>
>> John / K1BXI

Perhaps I didn't explain it correctly: What he wants to do is set up 1/4 wave in front of his shunt fed tower that is tuned to resonate say at 3.8MHz, another 1/4 wave vertical on a line toward Europe and feed it with a 90 degree phasing line. This is not rocket science for two equal size verticals.

The shunt fed tower is slightly over 100 degrees long physically and the second vertical is about 45 degrees long physically, inductively loaded to 90 degrees long.

Will these two unequal in size, but resonated to the same frequency, verticals behave the same as if they were both the same physical size ?

>

1874. Re: Phasing Verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 22:16:45 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1162505805.083909.50430@b28g2000cwb.googlegroups.com>
Source record: 49998

Short answer, no...
Long answer, yes...

And I cannot do a long answer justice here on a forum such as this...
Perhaps W7EL or W2DU will jump in here and rescue me...
The major issue you face is that the towers are shunt loaded which creates phase differences between the two right from the git-go, even when both are resonated... The fact that the feed points of the two towers are initially out of phase needs to be tuned out in setting up the 90 degree total phase difference...

Certainly it can be done... You will need to measure the input impedence and reactance for each tower as built...It will take a pick-up coil on each tower fed to an oscilloscope so that you can see the phase difference as you adjust the phasing network / phasing lines to reach the desired 90 degrees phase lag on the leading element...
Read W7EL's contribution to the ARRL Antenna Handbook on the subject of properly phasing lines / antennas... This will give you enough information to decide if you want to proceed...

I long ago decided life is too short for designing all driven arrays when I can build, install, and tune, parasitic arrays in less time than it takes me to work the equations for designing the needed phasing networks for a driven array...

denny / k8do

1875. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-02 23:16:17 UTC
From: ballington_biggus@yahoo.com
Message-ID: <1162509377.103219.101430@f16g2000cwb.googlegroups.com>
Source record: 49999
Cross-posted to: rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

gwatts wrote:
> Slow Code wrote:
> > At club meetings, no-codes and nickle hams should have to stand up and
> > salute when a 20wpm code tested Extra comes into the room.
> >
> > SC
>
> How about us 13 wpm hams? Should we stand or remain seated while we
> laugh at your pomposity?
>
> W8LNA, a 'Lucky 13'er'

SC said "no-codes and nickle hams". what part of that didn;t you get?
you're probably a no code yourself. now do what SC says, learn cw you
stupid bastard!

1876. Re: 160 meter antenna pros and cons

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 00:14:31 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <HRv2h.19964$39.17875@southeast.rr.com>
Source record: 50000

I may try this approach, my tower is only 50' or so but It has guys on it,
The guy that goes out to my back yard is about 75' or so but is also
connected to the chain link fence that winds all thru the block that I live
on. (not sure what effect the fence will have if any)
Just a note: the guys do little more than keep the tower from swaying (rhon
25) when I am working on antennas etc.
I have radials everywhere and ground rods and there tied into the chain
link fence (I lost count of how many)
After I get it up, I can connect my antenna analyzer and see what kind of
readings I get.
When I make the feed point connection I can make it in a way that I could
remove the shield from the tower and change it into a normal dipole. I am
not sure where I could run that end but maybe I can sweet talk a neibor..

Am I NuTz?

I love playing with antennas...

Joe
"Cecil Moore" <mycall@hotmail.com> wrote in message
news:L7p2h.202$r12.166@newssvr12.news.prodigy.com...
> HS wrote:
> > One easy thing that you might try, is to slope a 1/4-wave wire from the
> > top of your tower, connecting your coax to the wire, and coax shield to
> > the tower at the feedpoint, this way your tower will be the "other leg"
> > of the dipiole, or a "counterpoise". Then just trim the 1/4-wave wire
> > for swr.
>
> The ARRL Antenna Book says that works if the tower is 1/4WL
> tall or taller. A 1/4WL tower on 160m would be about 130 feet
> tall. If the tower is less than 1/4WL tall, it seems to become
> the major radiating portion of the antenna. I just modeled a
> 33 foot tower and a 100 foot wire on 1.9 MHz. That total length
> is just about 1/4WL and winds up looking something like a gamma
> fed inverted-L. The feedpoint impedance at the top of the tower
> is low at ~8 ohms.
>
> Such an antenna has a 50 ohm feedpoint impedance somewhere
> along that horizontal wire. In my 33'-101' version above, the
> 50 ohm feedpoint is about 40' from the open end of the 100' wire.
> And, of course, the feedpoint currents are unbalanced.
>
> 100' total
> +----------------------FP---------------
> | 60' 50 ohm 40'

```
> |
> |33' tower
> |
> |
> +-----GND
> --
> 73, Cecil, http://www.qsl.net/w5dxp
```

1877. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 00:20:42 UTC
From: Jerseyj <jerseyj69@comcast.net>
Message-ID: <jerseyj69-2E66A6.19204202112006@comcast.dca.giganews.com>
Source record: 50001
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

In article <12kiihqsvmnnv58@corp.supernews.com>,
"David G. Nagel" <nagel@core.com> wrote:

> Slow Code wrote:
>
> > At club meetings, no-codes and nickle hams should have to stand up and
> > salute when a 20wpm code tested Extra comes into the room.
> >
> > SC
>
> Middle finger salute.....
>
>
> Dave N

Mmmm...maybe the Extra's should stand up and salute when someone who can program a software programmable transceiver shows up ? An EME specialist ? Someone who builds radios ?

1878. Re: 10 meter mobile antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 00:48:35 UTC
From: Jerry <joxendi@bellsouth.net>
Message-ID: <qiw2h.22357$kI6.9634@bignews4.bellsouth.net>
Source record: 50002

"Jimmie D" <jimmiedee@bellsouth.net> wrote in message
news:3fo2h.13585$Bs.12730@bignews8.bellsouth.net...
>
> "Jerry" <joxendi@bellsouth.net> wrote in message
> news:xtp1h.14419$Fd7.887@bignews6.bellsouth.net...
>>
>> "Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in message
>> news:OIa1h.3155$HD6.2200@tornado.southeast.rr.com...
>>> Ok which one would you recommend?
>>>
>>> http://www.mouser.com/search/Refine.aspx?Ne=1447464+254016&Ntt=*330pf*&Mkw=330pf&N=1323038+0
>>>
>>> Thanks
>>> joe
>>>
>>>
>>>>
>>>> I've been able to mail order most any electrical part from Mouser. No
>>>> minimum order. And it puts you on the list for their huge catalog.
>>>>
>>>> bob
>>>> k5qwg
>>>>
>>>>
>>>> >
>>>> >> >vertical without having to cut it.
>>>> >>
>>>> >> I did exactly this (20 years ago). I used a variable compression
>>> trimmer
>>>> >> capacitor to check that I could actually get a low SWR, measured it,
>>> and
>>>> >> fitted the nearest value disc ceramic (rated at 500VDC). I think it
>>>> >> was
>>>> >> 330pF. No problems with 40W.
>>>> >> Ian.
>>
>>
>> I once saw a 102" whip on a motor home that had literally been wound into
>> a 4 " dia coil about half way up! It looked like one of those CB "big
>> coil" trucker antennas except it was all in one piece. I can only
>> surmise that he heated it and wound it around some sort of form. It
>> shortened the thing down to less that 5 feet. But, then, wouldn't that
>> take the temper out of the steel and make it flop over the next time it

>> was hit? There was also no evidence of heating, either; it looked like
>> it had been formed at the beginning of its life. Anybody ever see anyone
>> do this before. If so, how was it done?
>>
>> 73
>>
>> Jerry
>>>> >> --
>>>> >>
>>>> >
>>>
>>>
>>
>>
>
> Wouldnt be that hard to do, You can retemper the steel if it gets soft and
> the discoloring will buff off.
> tempering metal takes some specific knowledge and experience. Ive done it
> to tools and had some success but I have also made them to brittle and
> they break.
>
> Of course it may have been one of those big coil antennas

Nope! I went over and looked at it from one foot away. One single CB whip
wound into about a 3-4" coil about halfway up. Looked pretty good, too. I
just don't know how he did it; never seen that done before.

73

Jerry
>
>

1879. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 00:55:20 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <Yrw2h.1170$L6.382@newsread3.news.pas.earthlink.net>
Source record: 50003
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"Invader3K" <beckermt@hotmail.com> wrote in
news:1162475014.725499.251720@e3g2000cwe.googlegroups.com:

>
> Paul Keenleyside wrote:
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:VMb2h.1209$l25.548@newsread4.news.pas.earthlink.net...
>> > At club meetings, no-codes and nickle hams should have to stand up
>> > and salute when a 20wpm code tested Extra comes into the room.
>> >
>> > SC
>>
>> Depends if he brought the coke and pizzas for the meeting or not.
>>
>> have to know what's important these days in running a club.
>
> Crap like this is why I haven't gone for a ham license. I've worked in
> real broadcast radio and thought about taking the amateur test, but I
> have no desire to be in a hobby filled with childish old geezers.

No-code hams in wheelchairs have to stand and salute the Extra too. Being
in a wheelchair is no excuse for not standing up and saluting.

SC

1880. Re: RF gets into computer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 01:17:02 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <855lk2lp48r3n4mni4skju79nldldt7gmt@4ax.com>
Source record: 50004
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

On Thu, 02 Nov 2006 21:35:22 GMT, "John, N9JG"
<john@Xremove.MeYgotwals.com> wrote:

>I guess I didn't answer your question. You are quite right that at the
>previous QTH, the shack ground rod was not strapped to the AC service rod.

Notice the correlation to:

>>>at my previous QTH the use of an
>>>earth
>>>ground made RF feedback problems worse on some bands.

Hi John,

This is classic ground-loop conditions. One ground may have an
elevated potential over another ground (hard to believe, but it is the
practical reality). Current flows as a consequence. This is Common
Mode current (from a Common Mode potential).

You should in the short space of those three sentences be able to
observe several terms that are bandied about, but rarely understood.
This is because they follow on mysterious problems that defy
shielding, "grounding," and almost any other ad-hoc attempt that
inevitably fails as a solution.

One classic solution for providing ground to a tower is "I let the
coax shield do that!" Rarely does the operator consider that there
could be a huge potential difference between that remote point's
ground, and that at the house. The hidden killer here is when the
operator disconnects that coax (for whatever reason) and in that act
is holding the shield of the cable and some ground. He completes the
circuit, and like a fuse, may blow out.

More often I've heard:
"Look at the sparks I'm drawing!"
as the coax plug's shell is brushed up against the socket mounting
screws. My buddy pointed this out as the current burnt out most of
his ground traces inside his rig. It only cost a couple hundred and 3
weeks down time to provide remote grounding through the coax.

73's
Richard Clark, KB7QHC

1881. Re: Phasing Verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 02:10:47 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12kl999b4mddb83@corp.supernews.com>
Source record: 50005

It's easy to see who's read Chapter 8 of the ARRL Antenna Book and who hasn't! Denny has the right idea.

What you need to do in order to get a decent front/back ratio from the two elements is to create equal amplitude and correctly phased fields from them. If one is shorter than the other, it needs to get more current to produce the same field as the longer one. The current at the feedpoint of a shunt fed tower isn't equal in either magnitude or phase to the current in the tower itself. So adjusting the feedpoint currents for some relative magnitude and phase won't get you the right tower currents unless you've accounted for the transformation.

It's much easier to get 2 - 3 dB gain than to get good f/b ratio -- you can goof up the current magnitude and phasing pretty badly and still get noticeable gain in about the right direction. (In a way it's too bad this is true, because a lot of people see some gain and assume it means that they've got the phasing they planned, when in reality they're way off. Then they extend this misinformation to other arrays and can't figure out why they don't work.) But with the setup you've described, it would be easy to be far enough off that you wouldn't get the gain, either, at least not in the expected direction.

It can be done, but as Denny says, it's much more complicated than just using a 90 degree "phasing line" as another poster suggested. That approach generally doesn't work for even the simplest of cases (see the Antenna Book for the reasons), and it certainly won't work here. What I would do is model the elements without the shunt feed system and adjust the base currents in the model (by putting current sources at the bases) to get the desired pattern. Then I'd make an adjustable feed system like the L network feed described in the Antenna Book or one of the other systems described in _Low-Band DXing_. Then I'd arrange some sort of current probes at the tower bases and adjust the currents to match the model currents. A final adjustment could be made by putting a signal source or detector to the rear of the array and adjusting for the best null. If you do everything just right, you'll get right at 3 dB gain over a single element and a very good null directly to the rear.

A parasitic array is an option, but again I'd model it. You have the same problem of getting the right element currents, but now the only adjustment you can make is the parasitic tower's resonant frequency. You might have trouble getting enough current in the short tower to do you much good. A second problem with the parasitic array approach is that any ground loss will eat you alive. Even what you consider to be a good ground system might not be adequate, especially for the short element. Be sure to include a realistic amount of ground system loss in any model

you make.

Alternatively, you can just connect the towers together through some
sort of arbitrary feed system (or you can carefully cut a "phasing line"
-- you have the same probability of success with either method) and have
lots of fun seeing in which directions it seems to work well and which
it doesn't.

Roy Lewallen, W7EL

Denny wrote:
> Short answer, no...
> Long answer, yes...
>
> And I cannot do a long answer justice here on a forum such as this...
> Perhaps W7EL or W2DU will jump in here and rescue me...
> The major issue you face is that the towers are shunt loaded which
> creates phase differences between the two right from the git-go, even
> when both are resonated... The fact that the feed points of the two
> towers are initially out of phase needs to be tuned out in setting up
> the 90 degree total phase difference...
>
> Certainly it can be done... You will need to measure the input
> impedence and reactance for each tower as built...It will take a
> pick-up coil on each tower fed to an oscilloscope so that you can see
> the phase difference as you adjust the phasing network / phasing lines
> to reach the desired 90 degrees phase lag on the leading element...
> Read W7EL's contribution to the ARRL Antenna Handbook on the subject of
> properly phasing lines / antennas... This will give you enough
> information to decide if you want to proceed...
>
> I long ago decided life is too short for designing all driven arrays
> when I can build, install, and tune, parasitic arrays in less time than
> it takes me to work the equations for designing the needed phasing
> networks for a driven array...
>
> denny / k8do
>

1882. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 02:37:47 UTC
From: Opus- <jbuchy@shaw.ca>
Message-ID: <fmalk2tgl6qpiag10mqocfu49eqs8kopjn@4ax.com>
Source record: 50006
Cross-posted to: rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On 2 Nov 2006 15:16:17 -0800, ballington_biggus@yahoo.com spake
thusly:

>
>gwatts wrote:
>> Slow Code wrote:
>> > At club meetings, no-codes and nickle hams should have to stand up and
>> > salute when a 20wpm code tested Extra comes into the room.
>> >
>> > SC
>>
>> How about us 13 wpm hams? Should we stand or remain seated while we
>> laugh at your pomposity?
>>
>> W8LNA, a 'Lucky 13'er'
>
>SC said "no-codes and nickle hams". what part of that didn;t you get?
>you're probably a no code yourself. now do what SC says, learn cw you
>stupid bastard!

AND gwatts asked about 13 wpm hams, a number that SC did not mention.
Now, don't you have some offs to fuck?
--
Opus62@gmail.com
(Jim, single dad to Lesleigh [Autistic] 04/20/94)

"What, Me Worry?" A. E. Newman

Please note: All unsolicited e-mail sent to me may, at
my discretion, be posted in this newsgroup verbatim.

1883. Slow code goes from crazy to downright disgusting

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 02:55:34 UTC
From: Mark@kb9rqz.aprs
Message-ID: <csblk2lveanqk4d35qff8csj6nn03j7t1u@4ax.com>
Source record: 50007
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Fri, 03 Nov 2006 00:55:20 GMT, Slow Code <my.mail@no.spam> wrote:

>"Invader3K" <beckermt@hotmail.com> wrote in
>news:1162475014.725499.251720@e3g2000cwe.googlegroups.com:
>
>>
>> Paul Keenleyside wrote:
>>> "Slow Code" <my.mail@no.spam> wrote in message
>>> news:VMb2h.1209$l25.548@newsread4.news.pas.earthlink.net...
>>> > At club meetings, no-codes and nickle hams should have to stand up
>>> > and salute when a 20wpm code tested Extra comes into the room.
>>> >
>>> > SC
>>>
>>> Depends if he brought the coke and pizzas for the meeting or not.
>>>
>>> have to know what's important these days in running a club.
>>
>> Crap like this is why I haven't gone for a ham license. I've worked in
>> real broadcast radio and thought about taking the amateur test, but I
>> have no desire to be in a hobby filled with childish old geezers.
>
>
>
>No-code hams in wheelchairs have to stand and salute the Extra too. Being
>in a wheelchair is no excuse for not standing up and saluting.
fuck you
>
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1884. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 04:12:47 UTC
From: RadioGuy <RadioGuy@radioguy.com>
Message-ID: <MPG.1fb48bcb7b2068f8989aae@news-server.carolina.rr.com>
Source record: 50008
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

```
In article <Yrw2h.1170$L6.382@newsread3.news.pas.earthlink.net>,
my.mail@no.spam says...
> "Invader3K" <beckermt@hotmail.com> wrote in
> news:1162475014.725499.251720@e3g2000cwe.googlegroups.com:
>
> >
> > Paul Keenleyside wrote:
> >> "Slow Code" <my.mail@no.spam> wrote in message
> >> news:VMb2h.1209$l25.548@newsread4.news.pas.earthlink.net...
> >> > At club meetings, no-codes and nickle hams should have to stand up
> >> > and salute when a 20wpm code tested Extra comes into the room.
> >> >
> >> > SC
> >>
> >> Depends if he brought the coke and pizzas for the meeting or not.
> >>
> >> have to know what's important these days in running a club.
> >
> > Crap like this is why I haven't gone for a ham license. I've worked in
> > real broadcast radio and thought about taking the amateur test, but I
> > have no desire to be in a hobby filled with childish old geezers.
>
>
>
> No-code hams in wheelchairs have to stand and salute the Extra too. Being
> in a wheelchair is no excuse for not standing up and saluting.
>
>
> SC
>
You're a discusting low life peice of shit for saying that. I have a
Ham friend who is an extra and is in a wheel chair and can probably
still kick you're sorry ass!!
```

1885. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 04:14:08 UTC
From: RadioGuy <RadioGuy@radioguy.com>
Message-ID: <MPG.1fb48c1d745598c7989aaf@news-server.carolina.rr.com>
Source record: 50011
Cross-posted to: rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

In article <1162509377.103219.101430@f16g2000cwb.googlegroups.com>,
ballington_biggus@yahoo.com says...
>
> gwatts wrote:
> > Slow Code wrote:
> > > At club meetings, no-codes and nickle hams should have to stand up and
> > > salute when a 20wpm code tested Extra comes into the room.
> > >
> > > SC
> >
> > How about us 13 wpm hams? Should we stand or remain seated while we
> > laugh at your pomposity?
> >
> > W8LNA, a 'Lucky 13'er'
>
> SC said "no-codes and nickle hams". what part of that didn;t you get?
> you're probably a no code yourself. now do what SC says, learn cw you
> stupid bastard!
>
>
QUit responding to yourself you dimwit idiot!!

1886. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 04:15:28 UTC
From: RadioGuy <RadioGuy@radioguy.com>
Message-ID: <MPG.1fb48c6d968983be989ab0@news-server.carolina.rr.com>
Source record: 50009
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

In article <fBr2h.21934$kI6.11595@bignews4.bellsouth.net>,
jakdedert@bellsouth.net says...
> Slow Code wrote:
> > At club meetings, no-codes and nickle hams should have to stand up and
> > salute when a 20wpm code tested Extra comes into the room.
> >
> > SC
> >
> If I could copy 30 wpm, would you suck my....?
>
> jak
>
>
He'll do it right now regardless. Hes a closet homo. Thats all he
talks about is gay sex. We should call him Slow Queen.

1887. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 04:16:59 UTC
From: RadioGuy <RadioGuy@radioguy.com>
Message-ID: <MPG.1fb48cc2c8fcf64e989ab1@news-server.carolina.rr.com>
Source record: 50010
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

In article <1162475014.725499.251720@e3g2000cwe.googlegroups.com>,
beckermt@hotmail.com says...
>
> Paul Keenleyside wrote:
> > "Slow Code" <my.mail@no.spam> wrote in message
> > news:VMb2h.1209$l25.548@newsread4.news.pas.earthlink.net...
> > > At club meetings, no-codes and nickle hams should have to stand up and
> > > salute when a 20wpm code tested Extra comes into the room.
> > >
> > > SC
> >
> > Depends if he brought the coke and pizzas for the meeting or not.
> >
> > have to know what's important these days in running a club.
>
> Crap like this is why I haven't gone for a ham license. I've worked in
> real broadcast radio and thought about taking the amateur test, but I
> have no desire to be in a hobby filled with childish old geezers.
>
>
SC doesn't even have a license. The FCC took it away. Most Hams are
really nice folks.

1888. Re: Identifying coax cable.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 05:53:32 UTC
From: mcalhoun@ksu.edu
Message-ID: <eielgs$epl@unix1.cc.ksu.edu>
Source record: 50012

>>> Have a 100 foot roll(approx) of used coax cable which has no markings....
>I do have a bunch of older RG-58 with solid center conductor, and

....[snip]....

>.... How about Belden 9913? Of course, the construction of that line
>is "different" enough that it would be hard to mistake it for something
>else, and I assume ....

For those of us who never noticed -- or never recognized -- the
difference in the first place, could you please explain what I
should have recognized?

--Myron
--
--Myron A. Calhoun.
Five boxes preserve our freedoms: soap, ballot, witness, jury, and cartridge
NRA Life Member and Rifle, Pistol, & Home Firearm Safety Certified Instructor
Certified Instructor for the Kansas Concealed-Carry Handgun license

1889. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 06:54:00 UTC
From: wîthhËld fØr rËåsØñs Øf ñå tîØñål SËÇürîty <root@127.0.0.1>
Message-ID: <1162536843.556353@www.vif.com>
Source record: 50013
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

FUCKEN MORONS & OFF TOPIC BULLSHIT!

WHO FUCK CARES SO FUCK OFF!

Slow Code wrote:
> At club meetings, no-codes and nickle hams should have to stand up and
> salute when a 20wpm code tested Extra comes into the room.
>
> SC
>
>
> ---
> avast! Antivirus: Inbound message clean.
> Virus Database (VPS): 0645-3, 11/02/2006
> Tested on: 11/3/2006 1:51:42 AM
> avast! - copyright (c) 1988-2006 ALWIL Software.
> http://www.avast.com
>
>
>

---
avast! Antivirus: Outbound message clean.
Virus Database (VPS): 0645-3, 11/02/2006
Tested on: 11/3/2006 1:54:00 AM
avast! - copyright (c) 1988-2006 ALWIL Software.
http://www.avast.com

1890. Re: RF gets into computer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 14:43:50 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1162565030.010980.46680@m73g2000cwd.googlegroups.com>
Source record: 50014
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

To reiterate what has been said by others...
There are two issues here for your elevated ham shack... RF ground and AC/DC ground... Not the same critters and in your case one will not do both jobs...

First, for life and limb you need an AC/DC connection to the service panel, i.e. local electrical ground... Length of this does not matter... Second you need an earth ground as close to the rig as you can get... As I read this you have dropped wire out the window to a ground stake... Excellent, now get busy and continue on with that ground wire also along the edge of the house to the electrical service panel ground...

Now for the really important stuff, i.e. working DX, you need an RF ground... In your case I suggest that you use a quarter wave length insulated wire for each band you operate, attached to the common ground behind the rig... Hang or fan them out the window, run them through the ceiling to the attic, run them around the walls of the room, run them down the hall behind the baseboard, just whatever you can do to spread them out as long as possible .... Grounding a quarter wave radial at the far end is not a good idea... Tape the end so no one can touch the bare wire and leave it... That should cool off your RF problems...

GL denny / k8do

1891. Until lately this would be off topic here

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 16:01:59 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <LJJ2h.567$U76.404@bignews5.bellsouth.net>
Source record: 50015

I have to use google groups from time to time and dont know how to set up a kill file for it. Any help would be GREATLY appreciated.

1892. Re: RF gets into computer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 16:17:46 UTC
From: "John, N9JG" <john@Xremove.MeYgotwals.com>
Message-ID: <KYJ2h.516$jV7.127@newsreading01.news.tds.net>
Source record: 50016
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

To iterate what I have reported earlier. The problem was SOLVED,
for the bands I operate on, when I :
1) Ran #12 wire through the 2nd-story window sill and down to a 10 feet long copper clad ground rod. The length of the wire run is about 15 feet. (Let me worry about satisfying the "code" requirement of bonding this ground rod to the rod at the power service entrance.)

2) Installed an Amidon FT-240-77 ferrite toroid as a common-mode choke (11 turns) in the Orion's DC power supply cable and located about 18" from the Orion. http://tinyurl.com/qnzs3 The cable run between the power supply and the Orion is somewhat lengthy because the Orion is connected to an MFJ-1129 multi-outlet strip.

I thank you for your support.
John, N9JG

"Denny" <k8do@mailblocks.com> wrote in message
news:1162565030.010980.46680@m73g2000cwd.googlegroups.com...
> To reiterate what has been said by others...
> There are two issues here for your elevated ham shack... RF ground and
> AC/DC ground... Not the same critters and in your case one will not do
> both jobs...
>
> First, for life and limb you need an AC/DC connection to the service
> panel, i.e. local electrical ground... Length of this does not
> matter... Second you need an earth ground as close to the rig as you
> can get... As I read this you have dropped wire out the window to a
> ground stake... Excellent, now get busy and continue on with that
> ground wire also along the edge of the house to the electrical service
> panel ground...
>
> Now for the really important stuff, i.e. working DX, you need an RF
> ground... In your case I suggest that you use a quarter wave length
> insulated wire for each band you operate, attached to the common ground
> behind the rig... Hang or fan them out the window, run them through the
> ceiling to the attic, run them around the walls of the room, run them
> down the hall behind the baseboard, just whatever you can do to spread
> them out as long as possible .... Grounding a quarter wave radial at
> the far end is not a good idea... Tape the end so no one can touch the
> bare wire and leave it... That should cool off your RF problems...
>
> GL denny / k8do
>

1893. Re: Identifying coax cable.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 16:41:07 UTC
From: Tam/WB2TT <t-tammaru@c0mca$t.net>
Message-ID: <bv2dnRJUyoCL7NbYnZ2dnUVZ_rydnZ2d@comcast.com>
Source record: 50017

<mcalhoun@ksu.edu> wrote in message news:eielgs$epl@unix1.cc.ksu.edu...
>>>> Have a 100 foot roll(approx) of used coax cable which has no
>>>> markings....
>>I do have a bunch of older RG-58 with solid center conductor, and
>
> ....[snip]....
>
>>.... How about Belden 9913? Of course, the construction of that line
>>is "different" enough that it would be hard to mistake it for something
>>else, and I assume ....
>
> For those of us who never noticed -- or never recognized -- the
> difference in the first place, could you please explain what I
> should have recognized?
>
> --Myron
> --

The outside diameter of the cable, like .195, .240, .260, .405,... and the
gage of the center conductor, like #10, 14, 16, 18, stranded or solid.

Tam
> --Myron A. Calhoun.
> Five boxes preserve our freedoms: soap, ballot, witness, jury, and
> cartridge
> NRA Life Member and Rifle, Pistol, & Home Firearm Safety Certified
> Instructor
> Certified Instructor for the Kansas Concealed-Carry Handgun license

1894. Re: Identifying coax cable.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 17:51:45 UTC
From: mcalhoun@ksu.edu
Message-ID: <eifvjh$ced@unix1.cc.ksu.edu>
Source record: 50018

<<<.... How about Belden 9913? Of course, the construction of that line
<<<is "different" enough that it would be hard to mistake it for something
<<<else, and I assume ....

<< For those of us who never noticed -- or never recognized -- the
<< 9913 differences in the first place, could you please explain....

<The outside diameter of the cable, like .195, .240, .260, .405,... and the
>gage of the center conductor, like #10, 14, 16, 18, stranded or solid.

I don't understand. Are you saying 9913 has been made in ALL
of those different sizes and with ALL of those different center-
conductor gauges?

--
--Myron A. Calhoun.
Five boxes preserve our freedoms: soap, ballot, witness, jury, and cartridge
NRA Life Member and Rifle, Pistol, & Home Firearm Safety Certified Instructor
Certified Instructor for the Kansas Concealed-Carry Handgun license

1895. Mag mount capacitive coupling

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 18:26:09 UTC
From: Chris W <1qazse4@cox.net>
Message-ID: <8RL2h.35632$Jt3.34738@newsfe16.lga>
Source record: 50019
Cross-posted to: alt.ham-radio.hf,rec.radio.amateur.antenna

I have a 5" diameter 3/8-24 mag mount and was wondering if a mag mount like that would have enough capacitance to adequately couple to the metal surface it was on. Also is there a good rule of thumb on how much capacitance you need to have a good ground on a mag mount at a given frequency? I don't plan on having an HF antenna on this mag mount while driving. I also don't plan on using it on anything below about 20 or 30 meters.

As a side note I heard someone say that the mag mount has to be on steel for the capacitive coupling to work. I find that hard to believe. Obviously the magnet won't hold to aluminum or copper gut setting the antenna on any metal surface will provide the capacitive coupling, won't it?

--
Chris W
KE5GIX

"Protect your digital freedom and privacy, eliminate DRM,
learn more at http://www.defectivebydesign.org/what_is_drm"

Gift Giving Made Easy
Get the gifts you want &
give the gifts they want
One stop wish list for any gift,
from anywhere, for any occasion!
http://thewishzone.com

1896. Re: N1LO HF mobile antenna part question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 19:10:20 UTC
From: Ed <Huckleberry_REMOVE_@bigvalley.net>
Message-ID: <Xns9870724BF7186spectrumhogstarbandn@198.186.192.196>
Source record: 50020

> There is a hotmail address for N1LO at
> the very end of the link you posted. You
> might try that.
>

I now have. It bounced back yesterday. Apparently is invalid.

Ed

1897. Re: N1LO HF mobile antenna part question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 20:59:54 UTC
From: chuck <nospam@nospam.net>
Message-ID: <1162587719_10829@sp6iad.superfeed.net>
Source record: 50021

Ed wrote:
>> There is a hotmail address for N1LO at
>> the very end of the link you posted. You
>> might try that.
>>
>
>
> I now have. It bounced back yesterday. Apparently is invalid.
>
>
> Ed

I've had no response either. One last
shot in the dark might be N1LO@arrl.org.
Might work if he's a member.

Chuck

-----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

1898. Re: N1LO HF mobile antenna part question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 21:09:46 UTC
From: Mike Coslo <mremovethiscoslo@adelphia.net>
Message-ID: <hI2dnW9gtNmLLdbYnZ2dnUVZ_vWdnZ2d@comcast.com>
Source record: 50022

chuck wrote:
> Ed wrote:
>
>>> There is a hotmail address for N1LO at the very end of the link you
>>> posted. You might try that.
>>>
>>
>>
>> I now have. It bounced back yesterday. Apparently is invalid.
>>
>>
>> Ed
>
>
> I've had no response either. One last shot in the dark might be
> N1LO@arrl.org. Might work if he's a member.

You could always send a letter to Mark's snailmail address......

- 73 de Mike KB3EIA -

1899. WTB 80/40 Mor-gain or Antennas West PM Antennas

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 21:38:44 UTC
From: David Thompson <thompson@mindspring.com>
Message-ID: <EFO2h.1600$L6.1304@newsread3.news.pas.earthlink.net>
Source record: 50023

My annual plea for either a Mor-gain 80/40 0r 75/40 (Please no 80/10 or 75/10) or perhaps an Antennas West 80/40 or 160/80 PM Antenna.

Price and condition in an e-mail directly to me at thompson@mindspring.com

Dave K4JRB

1900. Re: Identifying coax cable.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 22:09:49 UTC
From: Tam/WB2TT <t-tammaru@c0mca$t.net>
Message-ID: <88KdnQRCf9CCI9bYnZ2dnUVZ_sadnZ2d@comcast.com>
Source record: 50024

<mcalhoun@ksu.edu> wrote in message news:eifvjh$ced@unix1.cc.ksu.edu...
> <<<.... How about Belden 9913? Of course, the construction of that line
> <<<is "different" enough that it would be hard to mistake it for something
> <<<else, and I assume ....
>
> << For those of us who never noticed -- or never recognized -- the
> << 9913 differences in the first place, could you please explain....
>
> <The outside diameter of the cable, like .195, .240, .260, .405,... and
> the
>>gage of the center conductor, like #10, 14, 16, 18, stranded or solid.
>
> I don't understand. Are you saying 9913 has been made in ALL
> of those different sizes and with ALL of those different center-
> conductor gauges?
>
Sorry, I thought you were talking about the original question. The base 9913
is #10 solid. 9913 Flex is stranded.

Tam
> --
> --Myron A. Calhoun.
> Five boxes preserve our freedoms: soap, ballot, witness, jury, and
> cartridge
> NRA Life Member and Rifle, Pistol, & Home Firearm Safety Certified
> Instructor
> Certified Instructor for the Kansas Concealed-Carry Handgun license

1901. Re: Until lately this would be off topic here

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 22:51:07 UTC
From: charlie <wehatespam@wymsey.co.uk>
Message-ID: <Adudna-bv85BWtbYRVnyiw@pipex.net>
Source record: 50025

```
-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

Jimmie D wrote:
> I have to use google groups from time to time and dont know how to set up a
> kill file for it. Any help would be GREATLY appreciated.
>
>
Jimmie,

As always, Google is your friend:

If you are using Firefox take a look at
http://www.penney.org/ggkiller.html

If you are still using IE then look here:
http://holysmoke.org/ggf/index.htm

I've not tried either of them as I use Thunderbird as my news reader.

HTH :)

Charlie.

- --
www.wymsey.co.uk
-----BEGIN PGP SIGNATURE-----
Version: GnuPG v1.4.2 (GNU/Linux)
Comment: Using GnuPG with SUSE - http://enigmail.mozdev.org

iD8DBQFFS8fbfhKqaKFAJ/YRAhj0AKCEJUZhSfBFLZGjSRBtdUft4t9WiACfcB3w
rbVKIwjmhG9S2HnSqHagKfk=
=SYPV
-----END PGP SIGNATURE-----
```

1902. Re: Identifying coax cable.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 22:52:12 UTC
From: K7ITM <k7itm@msn.com>
Message-ID: <1162594332.544530.302910@k70g2000cwa.googlegroups.com>
Source record: 50026

mcalhoun@ksu.edu wrote:
> <<<.... How about Belden 9913? Of course, the construction of that line
> <<<is "different" enough that it would be hard to mistake it for something
> <<<else, and I assume ....
>
> << For those of us who never noticed -- or never recognized -- the
> << 9913 differences in the first place, could you please explain....
>
> <The outside diameter of the cable, like .195, .240, .260, .405,... and the
> >gage of the center conductor, like #10, 14, 16, 18, stranded or solid.
>
> I don't understand. Are you saying 9913 has been made in ALL
> of those different sizes and with ALL of those different center-
> conductor gauges?

Actually, the difference I was writing about in the original posting has to do not with whether the center conductor is solid or stranded, but rather with the form the dielectric takes. It's a polyethylene tube with fairly thin wall that supports the outer conductor, and inside that, a "thread" of polyethylene with a diameter half the difference between the inner conductor diameter and the ID of the polyethylene tube, which is formed in a spiral to support the inner conductor coaxially with the outer conductor. The result is that much of the dielectric space is air (or water, if you install it incorrectly...or get a lot of condensation in it). It's a very obvious differentiator from the usual solid or foam dielectrics. It's also low enough effective relative dielectric constant that the inner conductor is particularly large, for 50 ohm line of that OD.

Cheers,
Tom

1903. Re: Identifying coax cable.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 23:04:33 UTC
From: Allodoxaphobia <bit-bucket@config.com>
Message-ID: <slrneknio1.qjb.bit-bucket@shell.config.com>
Source record: 50027

On 3 Nov 2006 14:52:12 -0800, K7ITM wrote:
.....
> but rather with the form the dielectric takes. It's a polyethylene
> tube with fairly thin wall that supports the outer conductor, and
> inside that, a "thread" of polyethylene with a diameter half the
> difference between the inner conductor diameter and the ID of the
> polyethylene tube, which is formed in a spiral to support the inner
> conductor coaxially with the outer conductor.

That sounds like RG-62 (93 ohm).
Video terminal cable -- 3270 and that ilk.

But, since none of the mind readers in this ng have yet to post the
dimensions, it's only a data point so far.

Jonesy
--
Marvin L Jones | jonz | W3DHJ | linux
38.24N 104.55W | @ config.com | Jonesy | OS/2
*** Killfiling google posts: <http//jonz.net/ng.htm>

1904. Re: N1LO HF mobile antenna part question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 23:20:12 UTC
From: Ed <Huckleberry_REMOVE_@bigvalley.net>
Message-ID: <Xns98709CA9FE922spectrumhogstarbandn@198.186.192.196>
Source record: 50028

> I've had no response either. One last
> shot in the dark might be N1LO@arrl.org.
> Might work if he's a member.
>

Did that days ago. It did not bounce, but no response so far. Maybe he's on vacation? No biggie. As Mike responded, I could always send him a snail mail....

Ed

1905. Re: Phasing Verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-03 23:36:25 UTC
From: John Phillips <k1bxi@verizon.net>
Message-ID: <ZnQ2h.446$bg7.349@trndny04>
Source record: 50029

Roy Lewallen wrote:
> It's easy to see who's read Chapter 8 of the ARRL Antenna Book and who
> hasn't! Denny has the right idea.

Thanks K8DO and W7EL you fellows have answered my questions and made me realize that the one word that I was missing in all of this was "current". Strange how one word can turn on the light bulb. I need to get an updated Antenna Book, my old dog eared one is vintage 1965. Also EZNEC wouldn't hurt either. I'll try the demo first even though it means having to use Windows (I'm a Linux user). Thanks again.

John / K1BXI

1906. Re: Identifying coax cable.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 00:16:30 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <yZQ2h.1660$L6.1169@newsread3.news.pas.earthlink.net>
Source record: 50030
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

mcalhoun@ksu.edu wrote in news:eifvjh$ced@unix1.cc.ksu.edu:

> <<<.... How about Belden 9913? Of course, the construction of that
> line <<<is "different" enough that it would be hard to mistake it for
> something <<<else, and I assume ....
>
> << For those of us who never noticed -- or never recognized -- the
> << 9913 differences in the first place, could you please explain....
>
> <The outside diameter of the cable, like .195, .240, .260, .405,... and
> the
>>gage of the center conductor, like #10, 14, 16, 18, stranded or solid.
>
> I don't understand. Are you saying 9913 has been made in ALL
> of those different sizes and with ALL of those different center-
> conductor gauges?

Just go to Radio Shack. You can exchange blank stares with the clerk.

SC

1907. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 00:17:42 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <G_Q2h.1674$L6.1471@newsread3.news.pas.earthlink.net>
Source record: 50031
Cross-posted to: rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Opus- <jbuchy@shaw.ca> wrote in
news:fmalk2tgl6qpiag10mqocfu49eqs8kopjn@4ax.com:

> On 2 Nov 2006 15:16:17 -0800, ballington_biggus@yahoo.com spake
> thusly:
>
>>
>>gwatts wrote:
>>> Slow Code wrote:
>>> > At club meetings, no-codes and nickle hams should have to stand up
>>> > and salute when a 20wpm code tested Extra comes into the room.
>>> >
>>> > SC
>>>
>>> How about us 13 wpm hams? Should we stand or remain seated while we
>>> laugh at your pomposity?
>>>
>>> W8LNA, a 'Lucky 13'er'
>>
>>SC said "no-codes and nickle hams". what part of that didn;t you get?
>>you're probably a no code yourself. now do what SC says, learn cw you
>>stupid bastard!
>
> AND gwatts asked about 13 wpm hams, a number that SC did not mention.
> Now, don't you have some offs to fuck?

Why do No-coders always break down in the middle of an argument and start
spewing profanities? I just don't understand it. It must be do to
limited mental abilities, and bad CB operating habits.

Opus being a canuck probably doesn't help much either.

SC

1908. Re: Mag mount capacitive coupling

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 00:21:21 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <o0nnk2h0tsgbugbocaru9aumpeclcjsebp@4ax.com>
Source record: 50032
Cross-posted to: alt.ham-radio.hf,rec.radio.amateur.antenna

On Fri, 03 Nov 2006 12:26:09 -0600, Chris W <1qazse4@cox.net> wrote:

>As a side note I heard someone say that the mag mount has to be on steel
>for the capacitive coupling to work.

Hi Chris,

This is distinctly suspicious, nearly as much as the claim that
mag-mounts provide a necessary capacitance. The cable's proximity to
sheet metal leading to the mag mount easily offers MORE capacitance
than nearly any single, isolated mount.

Both claims rely on the mystery of magic (as certainly no one has ever
explained HOW they work in distinct contrast to simple cable
proximity).

73's
Richard Clark, KB7QHC

1909. Re: Phasing Verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 01:09:19 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <454be83f$0$6144$39cecf19@news.twtelecom.net>
Source record: 50033

John Phillips wrote:

> Thanks K8DO and W7EL you fellows have answered my questions and made me
> realize that the one word that I was missing in all of this was
> "current". Strange how one word can turn on the light bulb. I need to
> get an updated Antenna Book, my old dog eared one is vintage 1965. Also
> EZNEC wouldn't hurt either. I'll try the demo first even though it means
> having to use Windows (I'm a Linux user). Thanks again.
>
> John / K1BXI
>

Hint hint Roy. There are a lot of us out here that use only, or almost
only, Linux.

That being said, is anyone running EZNEC under WINE?

tom
K0TAR

1910. Re: RF gets into computer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 01:12:41 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <dOR2h.5281$lx6.700@tornado.texas.rr.com>
Source record: 50034
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

"Denny" <k8do@mailblocks.com> wrote in message
news:1162565030.010980.46680@m73g2000cwd.googlegroups.com...
> To reiterate what has been said by others...
> There are two issues here for your elevated ham shack... RF ground and
> AC/DC ground... Not the same critters and in your case one will not do
> both jobs...
>
> First, for life and limb you need an AC/DC connection to the service
> panel, i.e. local electrical ground... Length of this does not
> matter... Second you need an earth ground as close to the rig as you
> can get... As I read this you have dropped wire out the window to a
> ground stake... Excellent, now get busy and continue on with that
> ground wire also along the edge of the house to the electrical service
> panel ground...
>
> Now for the really important stuff, i.e. working DX, you need an RF
> ground... In your case I suggest that you use a quarter wave length
> insulated wire for each band you operate, attached to the common ground
> behind the rig... Hang or fan them out the window, run them through the
> ceiling to the attic, run them around the walls of the room, run them
> down the hall behind the baseboard, just whatever you can do to spread
> them out as long as possible .... Grounding a quarter wave radial at
> the far end is not a good idea... Tape the end so no one can touch the
> bare wire and leave it... That should cool off your RF problems...
>
> GL denny / k8do
>

Ah yes, violate all NEC grounding rules in the name of propagation. Nothing
like having ground loops, eh?

1911. Re: Phasing Verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 02:00:48 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12knt2isi1843d4@corp.supernews.com>
Source record: 50035

Tom Ring wrote:
>
> Hint hint Roy. There are a lot of us out here that use only, or almost
> only, Linux.

The "lot" comprises about 5% of the total market at the outside. Are you willing to pay 20 times as much for EZNEC as Windows users?

> That being said, is anyone running EZNEC under WINE?

At last report, EZNEC won't run under Wine. Wine malfunctions a couple of places when attempting to run EZNEC, although I think I could probably work around them. (Of course, there's always the danger that an update or upgrade would break the program again, since there's no way I know of to find out which Windows functions Wine emulates correctly and which it doesn't.) I won't, however, make any attempt to work around the Wine problems until Wine is able to open the manual, which it is wasn't able to do at the last report I got. The manual was created with RoboHelp, a popular help authoring tool, and there isn't any way for me to work around Wine's inability to read it. If and when anyone reports that Wine has advanced to where it's able to open the manual (EZW4.hlp), I'll look again at the possibility of finding workarounds to Wine's other problems with EZNEC.

EZNEC works fine under at least one Mac emulator, SoftWindows.

Roy Lewallen, W7EL

1912. Re: RF gets into computer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 03:35:41 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <iUT2h.835$736.222@newsfe16.phx>
Source record: 50036
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

"RadioGuy" <RadioGuy@radioguy.com> wrote in message
news:MPG.1fb33b49dc0e8834989aa4@news-server.carolina.rr.com...

> You know nothing. You have the lowest brain capacity of any living
> human in the world!!

pse don't feed the troll

1913. Re: Phasing Verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 03:38:55 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <454c0b50$0$1014$39cecf19@news.twtelecom.net>
Source record: 50037

Roy Lewallen wrote:

> Tom Ring wrote:
>
>>
>> Hint hint Roy. There are a lot of us out here that use only, or
>> almost only, Linux.
>
>
> The "lot" comprises about 5% of the total market at the outside. Are you
> willing to pay 20 times as much for EZNEC as Windows users?
>

I would gladly pay double without a blink, and I doubt that it would be
that much work, in the long run, to make a Linux version. Your SW and
your call obviously, but you are making a very wrong assumption that
porting a version that runs under a different OS takes nearly the same
development effort.

I would gladly assist in making it work. I have no idea what language
it is written in, but as long as it is not in something MS specific it
shouldn't be that hard to port.

tom
K0TAR

1914. Re: Mag mount capacitive coupling

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 03:53:17 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <O8U2h.836$736.217@newsfe16.phx>
Source record: 50038
Cross-posted to: alt.ham-radio.hf,rec.radio.amateur.antenna

"Chris W" <1qazse4@cox.net> wrote in message
news:8RL2h.35632$Jt3.34738@newsfe16.lga...
> I have a 5" diameter 3/8-24 mag mount and was wondering if a mag mount
> like that would have enough capacitance to adequately couple to the
> metal surface it was on. Also is there a good rule of thumb on how much
> capacitance you need to have a good ground on a mag mount at a given
> frequency? I don't plan on having an HF antenna on this mag mount while
> driving. I also don't plan on using it on anything below about 20 or 30
> meters.
>
> As a side note I heard someone say that the mag mount has to be on steel
> for the capacitive coupling to work. I find that hard to believe.
> Obviously the magnet won't hold to aluminum or copper gut setting the
> antenna on any metal surface will provide the capacitive coupling, won't
it?

At 2m and above, a surface equal to or greater than a TV tray works consistently well for me. Mounting, attaching or otherwise arranging such a surface becomes a mechanical issue, only.

For 10 m HF, if you have a small magnetic surface (iron, mild steel, etc) and you cement it tightly to a larger conductive surface (aluminum, copper, stainless) that may be all you need. By "cement," I mean attaching with some of that goop that comes out of a tube like toothpaste and then hardens.

This works like a champ at CB freqs, for sure, so it will likely work at 10 m. My buddy asked about a CB magmount for his motor home. I had him cement a steel plate in the middle of the aluminum roof and he had excellent performance.

The guy was a ham in high school and let his license lapse while he was in the military. I urged him for years to retest but he never did. He's gone now.

1915. Re: Phasing Verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 04:19:24 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12ko56eqo997te6@corp.supernews.com>
Source record: 50039

Tom Ring wrote:
>
> I would gladly pay double without a blink, and I doubt that it would be
> that much work, in the long run, to make a Linux version. Your SW and
> your call obviously, but you are making a very wrong assumption that
> porting a version that runs under a different OS takes nearly the same
> development effort.
>
> I would gladly assist in making it work. I have no idea what language
> it is written in, but as long as it is not in something MS specific it
> shouldn't be that hard to port.

Sigh. I get this a lot.

The main program, 70,000 lines of code at last count, is in Visual Basic 6 and incorporates many direct calls to the Windows API for speed and increased functionality. The calculating engines (a few tens of thousands of lines of code) and some main program routines are in Fortran, and make use of commercial math libraries for fast calculation of some complex functions. The Fortran routines also make a limited number of Windows API calls.

The port of a functioning EZNEC program from DOS to Windows, back when EZNEC was somewhat smaller, took me about two years of full time work. After some short experiments with VB.NET, it looks like a port to that (Windows) language probably would take something like six months, plus an unknown amount of time to find and solve the huge number of subtle bugs caused by the port. But not only would the user not gain anything, there would actually be a negative impact, so I don't plan on doing it. Converting to a C Windows program would probably be a one or two year project. That might make it easier, although by no means simple, to port to Linux, but would be of no benefit to Windows users so the Linux market would have to pay for the effort. Sorry, you'd need to pay a lot more than twice the current price. (I happily run my EZNEC business for a fraction of what I can make doing consulting, but I don't work for nothing. Contrary to what seems like a common perception, I'm not retired but earn my living from EZNEC and consulting.)

I encourage anyone who thinks it's a simple matter to develop a Linux program of the level of EZNEC to have at it. It's an untapped market.

Roy Lewallen, W7EL

1916. Re: Phasing Verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 04:22:39 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12ko5chltn95d59@corp.supernews.com>
Source record: 50040

I'd like to add a question.

Why, instead of trying to get the Windows program developers to spend countless hours developing programs for the minuscule Linux market, don't the Linux users spend a little time getting Wine to work properly? If it seems to simple to port programs to Linux, why is it so hard to get open-source Wine to work?

Roy Lewallen, W7EL

1917. Re: Phasing Verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 04:46:00 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <cWU2h.118$Lt4.34@trnddc08>
Source record: 50041

"Tom Ring" <news0003@taring.org> wrote in message
news:454c0b50$0$1014$39cecf19@news.twtelecom.net...
> Roy Lewallen wrote:
>
>> Tom Ring wrote:
>>
>>>
>>> Hint hint Roy. There are a lot of us out here that use only, or almost
>>> only, Linux.
>>
>>
>> The "lot" comprises about 5% of the total market at the outside. Are you
>> willing to pay 20 times as much for EZNEC as Windows users?
>>
>
> I would gladly pay double without a blink, and I doubt that it would be
> that much work, in the long run, to make a Linux version. Your SW and
> your call obviously, but you are making a very wrong assumption that
> porting a version that runs under a different OS takes nearly the same
> development effort.
>
> I would gladly assist in making it work. I have no idea what language it
> is written in, but as long as it is not in something MS specific it
> shouldn't be that hard to port.
>
> tom
> K0TAR

Hi Tom

I recognize that you are discussing *programming* and that you know alot
more about computers than I do. But, I am so impressed with the capability
of the EZNEC as a tool for learning that I wanted to remind other readers
that a "good enough for running EZNEC" computer can be purchased for no
more than $50.00.

Jerry

1918. Antenna Incorporated

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 06:03:27 UTC
From: "A. Pismo Clam" <opalockamishabob@'86DASPAMnetscape.net>
Message-ID: <LKWdnRgdBYG4sNHYnZ2dnUVZ_oOdnZ2d@got.net>
Source record: 50042

Hello All,

I bought a VHF mobile scanner antenna from these folks back in the
1970's or 1980's and was wondering if they were still in business.

Does any know of their whereabouts or, perhaps a website.

I'm trying to find the specs for the antenna.

Many thanks for taking the time to respond! :-)

Alain

1919. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 06:48:33 UTC
From: wîthhËld fØr rËåsØñs Øf ñå tîØñål SËÇürîty <root@127.0.0.1>
Message-ID: <1162622917.529103@www.vif.com>
Source record: 50043
Cross-posted to: rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

FUCKEN MORONS & OFF TOPIC BULLSHIT!

WHO FUCK CARES SO FUCK OFF!

Slow Code wrote:

> Opus- <jbuchy@shaw.ca> wrote in
> news:fmalk2tgl6qpiag10mqocfu49eqs8kopjn@4ax.com:
>
>
>>On 2 Nov 2006 15:16:17 -0800, ballington_biggus@yahoo.com spake
>>thusly:
>>
>>
>>>gwatts wrote:
>>>
>>>>Slow Code wrote:
>>>>
>>>>>At club meetings, no-codes and nickle hams should have to stand up
>>>>>and salute when a 20wpm code tested Extra comes into the room.
>>>>>
>>>>>SC
>>>>
>>>>How about us 13 wpm hams? Should we stand or remain seated while we
>>>>laugh at your pomposity?
>>>>
>>>>W8LNA, a 'Lucky 13'er'
>>>
>>>SC said "no-codes and nickle hams". what part of that didn;t you get?
>>>you're probably a no code yourself. now do what SC says, learn cw you
>>>stupid bastard!
>>
>>AND gwatts asked about 13 wpm hams, a number that SC did not mention.
>>Now, don't you have some offs to fuck?
>
>
>
> Why do No-coders always break down in the middle of an argument and start
> spewing profanities? I just don't understand it. It must be do to
> limited mental abilities, and bad CB operating habits.
>
> Opus being a canuck probably doesn't help much either.
>
> SC

>
>
> ---
> avast! Antivirus: Inbound message clean.
> Virus Database (VPS): 0645-4, 11/03/2006
> Tested on: 11/4/2006 1:48:20 AM
> avast! - copyright (c) 1988-2006 ALWIL Software.
> http://www.avast.com
>
>
>

---
avast! Antivirus: Outbound message clean.
Virus Database (VPS): 0645-4, 11/03/2006
Tested on: 11/4/2006 1:48:34 AM
avast! - copyright (c) 1988-2006 ALWIL Software.
http://www.avast.com

1920. Re: Phasing Verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 15:36:22 UTC
From: Mike Coslo <mremovethiscoslo@adelphia.net>
Message-ID: <p5adnYHLd43tLtHYnZ2dnUVZ_rWdnZ2d@comcast.com>
Source record: 50044

Roy Lewallen wrote:

> I encourage anyone who thinks it's a simple matter to develop a Linux
> program of the level of EZNEC to have at it. It's an untapped market.

And it points out that when people look into buying a computer or operating system, they should pick what tools (software) they want to run, and build their system around that. Most people buy a computer or install an OS, then want vendors to write for that.

I'm coming in a little late on this discussion, has EZNEC been tried on the Intel based Mac's running windoze?

- 73 de Mike KB3EIA -

1921. Re: Phasing Verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 15:38:12 UTC
From: Mike Coslo <mremovethiscoslo@adelphia.net>
Message-ID: <p5adnYDLd41CLtHYnZ2dnUVZ_rWdnZ2d@comcast.com>
Source record: 50045

Jerry Martes wrote:
> "Tom Ring" <news0003@taring.org> wrote in message
> news:454c0b50$0$1014$39cecf19@news.twtelecom.net...
>
>>Roy Lewallen wrote:
>>
>>
>>>Tom Ring wrote:
>>>
>>>
>>>>Hint hint Roy. There are a lot of us out here that use only, or almost
>>>>only, Linux.
>>>
>>>
>>>The "lot" comprises about 5% of the total market at the outside. Are you
>>>willing to pay 20 times as much for EZNEC as Windows users?
>>>
>>
>>I would gladly pay double without a blink, and I doubt that it would be
>>that much work, in the long run, to make a Linux version. Your SW and
>>your call obviously, but you are making a very wrong assumption that
>>porting a version that runs under a different OS takes nearly the same
>>development effort.
>>
>>I would gladly assist in making it work. I have no idea what language it
>>is written in, but as long as it is not in something MS specific it
>>shouldn't be that hard to port.
>>
>>tom
>>K0TAR
>
>
> Hi Tom
>
> I recognize that you are discussing *programming* and that you know alot
> more about computers than I do. But, I am so impressed with the capability
> of the EZNEC as a tool for learning that I wanted to remind other readers
> that a "good enough for running EZNEC" computer can be purchased for no
> more than $50.00.

Bingo! Or making that Linux box Dual-boot.

- 73 de Mike KB3EIA -

1922. Re: Phasing Verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 15:38:18 UTC
From: Danny Richardson <n_group@k6mhe.com>
Message-ID: <4rcpk2953rsj0f68rc2bah85ck0p2k4hlc@4ax.com>
Source record: 50046

On Sat, 04 Nov 2006 04:46:00 GMT, "Jerry Martes"
<j.jmartes@verizon.net> wrote:

> Hi Tom
>
> I recognize that you are discussing *programming* and that you know alot
>more about computers than I do. But, I am so impressed with the capability
>of the EZNEC as a tool for learning that I wanted to remind other readers
>that a "good enough for running EZNEC" computer can be purchased for no
>more than $50.00.
>
> Jerry

Very good point indeed. Additionally, for those who do not wish to
have two computers on the desk there's always the option of having a
dual boot system. That's what I use here and have the best of both
worlds.

Danny, K6MHE

1923. Re: Phasing Verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 16:16:13 UTC
From: Mike Coslo <mremovethiscoslo@adelphia.net>
Message-ID: <7fWdnaNqgtVaIdHYnZ2dnUVZ_u2dnZ2d@comcast.com>
Source record: 50047

Roy Lewallen wrote:
> I'd like to add a question.
>
> Why, instead of trying to get the Windows program developers to spend
> countless hours developing programs for the minuscule Linux market,
> don't the Linux users spend a little time getting Wine to work properly?
> If it seems to simple to port programs to Linux, why is it so hard to
> get open-source Wine to work?

I have a computer with Linux installed. Perhaps I is a dummy, but even just installing programs, or searching for drivers is a nuisance. I'm always told how such and such flavor of Linux doesn't have that problem, but I'm on flavor number three, and still waiting for I don't have enough experience in it to make a firm judgement, but I think we are supposed to be happy if the operating system and hardware just works, let alone the software.

Awaiting my one-way trip to Linux hell for what I just wrote....

- 73 de Mike KB3EIA -

1924. Re: Phasing Verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 16:50:53 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <bmfpk2lui8u2hql1u2f56nlnnuvvic1fdk@4ax.com>
Source record: 50048

On Fri, 03 Nov 2006 20:22:39 -0800, Roy Lewallen <w7el@eznec.com>
wrote:

>why is it so hard to get open-source Wine to work?

Hi Roy,

Non portable design issues inherent in self-serving Microsoft
products. [This is not an aspersion on EZNEC or similar products or
vendors, it is simply the fact of life when you are tightly wed to the
Microsoft platform.]

M$ is a marketing company, not a development company. Ask any vendor
facing Vista, especially those whose Security niche market (Symantec,
McAfee) is being blind-sided.

M$ is claiming to have gotten it (Security) right this time. Of
course, this claim is indistinct from any similar claim made in any
week's press release for the past two decades. Their LATEST release
of (proprietary) Internet Explorer came complete with a feature that
allowed hackers to take over your machine. This news, too, is
indistinct from any industry weekly press release for those same
decades.

The sub-text response to your question is, "Why would Wine try to
emulate everything given this level of jeopardy?" At some point (and
as you basically offered Tom) you simply start over and do it right.
The alternative is that dedicated soul who finds their mission in
bringing down the evil empire by burrowing into every line of reverse
engineered code.

M$ and other industries think they dominate through sheer force of
numbers. One Jon Lech Johansen proved that both Hollywood and Apple
cannot summon up enough engineering head count to withstand being
whipped by a single individual. Of course, both Hollywood and Apple
relied on Marketing to do the Security issues, not their legions of
design engineers (many of whom are equal or better than Johansen).

73's
Richard Clark, KB7QHC

1925. Re: Phasing Verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 16:53:21 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <o8hpk2lbmtfvbmmulk19n71602grafbood@4ax.com>
Source record: 50049

On Sat, 04 Nov 2006 11:16:13 -0500, Mike Coslo
<mremovethiscoslo@adelphia.net> wrote:

>Awaiting my one-way trip to Linux hell for what I just wrote....

Hi Mike,

Did you purchase your ticket through Red Hat or Suse's vendor support
for a fee? Or did you roll your own for free?

73's
Richard Clark, KB7QHC

1926. Re: Phasing Verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 17:57:54 UTC
From: John Phillips <k1bxi@verizon.net>
Message-ID: <Cw43h.2147$3r6.754@trndny09>
Source record: 50050

Mike Coslo wrote:
> Roy Lewallen wrote:
>> I'd like to add a question.
>>
>> Why, instead of trying to get the Windows program developers to spend
>> countless hours developing programs for the minuscule Linux market,
>> don't the Linux users spend a little time getting Wine to work
>> properly? If it seems to simple to port programs to Linux, why is it
>> so hard to get open-source Wine to work?
>
>
> I have a computer with Linux installed. Perhaps I is a dummy, but
> even just installing programs, or searching for drivers is a nuisance.
> I'm always told how such and such flavor of Linux doesn't have that
> problem, but I'm on flavor number three, and still waiting for I don't
> have enough experience in it to make a firm judgement, but I think we
> are supposed to be happy if the operating system and hardware just
> works, let alone the software.
>
> Awaiting my one-way trip to Linux hell for what I just wrote....
>
> - 73 de Mike KB3EIA -

Wow.....when I posted back about phasing verticals and my questions were answered by Roy, I mentioned sort of half hardily that I would have to use Windows to run EZNEC. Looks like my post took on a life of it's own. I'm what you can call a "Joe sixpack" when it comes to a computer and I have found the latest distributions of Fedora, SUSE, or Ubuntu to install and find all my drivers and hardware without a hitch. The finished install will give you a system that will be able to surf the Internet, do E-mail, chat with your buddy's on an IM if that is your bag. comes with a fine office suite, photo imaging software etc.

The only drawback is propriety stuff such as multimedia programs etc. That stuff is available but it has to be installed later and that's where the "one-way trip to Linux Hell" begins for the first timer. although now even that is becoming point and click with the latest distros out there. I boot 4 different flavors plus Windows on one computer.

For those that want to give Linux a try for the first time my advice is to install it on a separate computer just for Linux. It behaves nice on a Windows box, but if you are not somewhat familiar with partitioning and writing to the MBR for a dual boot and getting it back to a Windows default if you mess up, keep it on another machine.

There is plenty of help on the Web, just do a Google search for a guide for which ever distro you have. The best part?.....with a broadband connection you can download and install Linux in half a day or less for FREE. check out http://distrowatch.com/ and pick your poison.

This is not quite on topic for antennas, so excuse my rant on Linux. For me it's great, for you, maybe not. It's not Windows and I hope it never is. It's a Unix type system like a Mac, with a hell of a lot less worry about viruses and spyware.

John / K1BXI

1927. Re: Phasing Verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 18:28:47 UTC
From: Mike Coslo <mremovethiscoslo@adelphia.net>
Message-ID: <O4adnburDJ5ERtHYnZ2dnUVZ_rudnZ2d@comcast.com>
Source record: 50051

Richard Clark wrote:
> On Sat, 04 Nov 2006 11:16:13 -0500, Mike Coslo
> <mremovethiscoslo@adelphia.net> wrote:
>
>
>>Awaiting my one-way trip to Linux hell for what I just wrote....
>
>
> Hi Mike,
>
> Did you purchase your ticket through Red Hat or Suse's vendor support
> for a fee? Or did you roll your own for free?

Rolling my own here Richard. Started out with Turbolinux, then another I'm afraid to say I forget the distro, and now have Fedora. I'm told SuSE is wonderful - and I was told that of the other flavors too. So I'm a little skeptical by now.

Problems have been with installing software, hardware incompatibility, Internet connectivity - nothing like having to spend time looking for drivers - going to bbs's - eventually I found out that my wireless card simply wasn't supported AT ALL! That was special.

I'm still hoping to find a flavor of Linux that won't give me indigestion.

- 73 de Mike KB3EIA -

1928. Re: Phasing Verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 18:42:18 UTC
From: Mike Coslo <mremovethiscoslo@adelphia.net>
Message-ID: <y-adnccl_u2ZQtHYnZ2dnUVZ_qadnZ2d@comcast.com>
Source record: 50052

John Phillips wrote:
> Mike Coslo wrote:
>
>> Roy Lewallen wrote:
>>
>>> I'd like to add a question.
>>>
>>> Why, instead of trying to get the Windows program developers to spend
>>> countless hours developing programs for the minuscule Linux market,
>>> don't the Linux users spend a little time getting Wine to work
>>> properly? If it seems to simple to port programs to Linux, why is it
>>> so hard to get open-source Wine to work?
>>
>>
>>
>> I have a computer with Linux installed. Perhaps I is a dummy, but
>> even just installing programs, or searching for drivers is a nuisance.
>> I'm always told how such and such flavor of Linux doesn't have that
>> problem, but I'm on flavor number three, and still waiting for I don't
>> have enough experience in it to make a firm judgement, but I think we
>> are supposed to be happy if the operating system and hardware just
>> works, let alone the software.
>>
>> Awaiting my one-way trip to Linux hell for what I just wrote....
>>
>> - 73 de Mike KB3EIA -
>
>
> Wow.....when I posted back about phasing verticals and my questions
> were answered by Roy, I mentioned sort of half hardily that I would
> have to use Windows to run EZNEC. Looks like my post took on a life of
> it's own. I'm what you can call a "Joe sixpack" when it comes to a
> computer and I have found the latest distributions of Fedora, SUSE, or
> Ubuntu to install and find all my drivers and hardware without a hitch.
> The finished install will give you a system that will be able to surf
> the Internet, do E-mail, chat with your buddy's on an IM if that is your
> bag. comes with a fine office suite, photo imaging software etc.
>
> The only drawback is propriety stuff such as multimedia programs etc.
> That stuff is available but it has to be installed later and that's
> where the "one-way trip to Linux Hell" begins for the first timer.
> although now even that is becoming point and click with the latest
> distros out there. I boot 4 different flavors plus Windows on one computer.
>

> For those that want to give Linux a try for the first time my advice is
> to install it on a separate computer just for Linux. It behaves nice on
> a Windows box, but if you are not somewhat familiar with partitioning
> and writing to the MBR for a dual boot and getting it back to a Windows
> default if you mess up, keep it on another machine.
>
> There is plenty of help on the Web, just do a Google search for a guide
> for which ever distro you have. The best part?.....with a
> broadband connection you can download and install Linux in half a day or
> less for FREE. check out http://distrowatch.com/ and pick your poison.
>
> This is not quite on topic for antennas, so excuse my rant on Linux. For
> me it's great, for you, maybe not. It's not Windows and I hope it never
> is. It's a Unix type system like a Mac, with a hell of a lot less worry
> about viruses and spyware.

One of my biggest frustrations with Linux is that I use a Mac for most of my work, so I know just how nice a Unix based system can be. Install the software and use it. Period. Plug in the peripheral. Bang, there.

Only time I have to drop to command line is occasional server maintenance, and even that is less and less often with the new Xserve tools. My biggest complaint is permissions problems that crop up occasionally. They are easy to solve, but a nuisance.

- 73 de Mike KB3EIA -

1929. Re: Phasing Verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 18:51:17 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <ienpk21b6n7bcp6qf3vqsq708bgbr8kqop@4ax.com>
Source record: 50053

On Sat, 04 Nov 2006 13:28:47 -0500, Mike Coslo
<mremovethiscoslo@adelphia.net> wrote:

> Rolling my own here Richard. Started out with Turbolinux, then another
>I'm afraid to say I forget the distro, and now have Fedora. I'm told
>SuSE is wonderful - and I was told that of the other flavors too. So I'm
>a little skeptical by now.

Hi Mike,

I've traveled the same path over the years. About a year ago I wrote
a step-by-step guide for installing Fedora into a cold, bare machine.
I also wrote a step-by-step guide for building servers (Apache/MySQL
and the rest); and then followed up with a step-by-step guide for
specialized application servers, Wikis and CMS packages. Of late I
have also ventured into RubyOnRails with another a step-by-step guide.

> Problems have been with installing software, hardware incompatibility,
>Internet connectivity - nothing like having to spend time looking for
>drivers - going to bbs's - eventually I found out that my wireless card
>simply wasn't supported AT ALL! That was special.

Hint: Support for "special" costs. Yeah, cold comfort - sorry.

> I'm still hoping to find a flavor of Linux that won't give me indigestion.

Try Rolaids, or pay for support by buying into a vendor with a good
reputation (you already indicate you know several).

Almost every connectivity and configuration issue I researched was
answered through a google newsgroup search, and then going to the
links offered in their discussion. I presume you've already mined
that approach. I have periods of this idle time, like now, that allow
me to research these issues interspersed with intense demand for my
attention. I also make it a habit to keep a journal in a nearly
publish quality format. Memory (wet ram) is for the good things,
ephemeral details like Linux configuration is for filing.

I have nothing to offer for your specific driver need, sorry. However,
for others, feel free to contact me for these guides.

73's
Richard Clark, KB7QHC

1930. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 18:55:01 UTC
From: Mark@kb9rqz.aprs
Message-ID: <4fopk2d680ko6rlc4v1nb2ookb8ruf7kk7@4ax.com>
Source record: 50054
Cross-posted to: rec.radio.cb,alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Sat, 04 Nov 2006 00:17:42 GMT, Slow Code <my.mail@no.spam> wrote:

>Opus- <jbuchy@shaw.ca> wrote in
>news:fmalk2tgl6qpiag10mqocfu49eqs8kopjn@4ax.com:
>
>> On 2 Nov 2006 15:16:17 -0800, ballington_biggus@yahoo.com spake
>> thusly:
>>
>>>
>>>gwatts wrote:
>>>> Slow Code wrote:
>>>> > At club meetings, no-codes and nickle hams should have to stand up
>>>> > and salute when a 20wpm code tested Extra comes into the room.
>>>> >
>>>> > SC
>>>>
>>>> How about us 13 wpm hams? Should we stand or remain seated while we
>>>> laugh at your pomposity?
>>>>
>>>> W8LNA, a 'Lucky 13'er'
>>>
>>>SC said "no-codes and nickle hams". what part of that didn;t you get?
>>>you're probably a no code yourself. now do what SC says, learn cw you
>>>stupid bastard!
>>
>> AND gwatts asked about 13 wpm hams, a number that SC did not mention.
>> Now, don't you have some offs to fuck?
>
>
>Why do No-coders always break down in the middle of an argument and start
>spewing profanities? I just don't understand it. It must be do to
>limited mental abilities, and bad CB operating habits.

why do you recyle so many of your argunement

most likely becuase you have no new ones at alll
>
>Opus being a canuck probably doesn't help much either.
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1931. Re: Phasing Verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 19:58:41 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <454cf0f1$0$6146$39cecf19@news.twtelecom.net>
Source record: 50055

Roy Lewallen wrote:

>
> I encourage anyone who thinks it's a simple matter to develop a Linux
> program of the level of EZNEC to have at it. It's an untapped market.
>
> Roy Lewallen, W7EL

Sorry, I didn't know it was in VB. I can understand how that makes it nearly impossible as I have worked where we had to do what you did going from DOS basic to Windows VB. I was hoping it was in something like C.

I know what it's like to have an outsider ask you to port something that's large and then be surprised when told how long it would take. Ericsson was a bit miffed at me when told how long to port my US (Honeywell) version of the MD110 PBX database regenerator to an international version, and mine was all text based C.

Thanks for the response Roy.

tom
K0TAR

1932. Request for information on phase matching and set / batch matching

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 22:25:16 UTC
From: David <nospam@nospam>
Message-ID: <O8GdnTyz64XWjtDYRVnyuw@bt.com>
Source record: 50056

Can anyone post any informationon or web addresses on phase matching and batch / set matching of coax cables? I am interested in principles and procedures to phase match coax cables. Phase matching involves cutting coax cables to the same electrical length. The phase matched cables can then be analysed and put into batches or sets i.e. cables with similar characteristics and frequency response are put into a set. What would be analysed to form a set?

This practice is used on coax cables that feed antennas for satellite systems. For example, if several antennas receive GPS signals, to triangulate position, the GPS signals must all arrive at a particular point at exactly the same time.

It also appears that going for the best quality low loss cable can actually be worse, because using lower quality coax cable with some loss can dampen the reflections from in-line connectors.

Stages are 1) phase matching 2) batch matching 3) assemble cables chosen by batch matching process onto RF system and perform vector generation. A vector gen file is created which is a calibration snapshot of the system i.e. records the RF performance in the form of a signature or footprint.

Measuring instrument is a Network Analyser HP8753.

1933. Re: Identifying coax cable.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 23:36:21 UTC
From: Boozo <boozo@bogpond.com>
Message-ID: <454d23fc$1_1@news.iprimus.com.au>
Source record: 50057
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

"Slow Code" <my.mail@no.spam> wrote in message
news:yZQ2h.1660$L6.1169@newsread3.news.pas.earthlink.net...
> mcalhoun@ksu.edu wrote in news:eifvjh$ced@unix1.cc.ksu.edu:
>
>> <<<.... How about Belden 9913? Of course, the construction of that
>> line <<<is "different" enough that it would be hard to mistake it for
>> something <<<else, and I assume ....
>>
>> << For those of us who never noticed -- or never recognized -- the
>> << 9913 differences in the first place, could you please explain....
>>
>> <The outside diameter of the cable, like .195, .240, .260, .405,... and
>> the
>>>gage of the center conductor, like #10, 14, 16, 18, stranded or solid.
>>
>> I don't understand. Are you saying 9913 has been made in ALL
>> of those different sizes and with ALL of those different center-
>> conductor gauges?
>
> Just go to Radio Shack. You can exchange blank stares with the clerk.
>
> SC
Looks like I may have to as it doesn't seem to have an easy solution and
my VHF transmitter is broken.
Have a data sheet handy so might take some measurements with the vernier
calipers and see what I come up with.

Thanks for all the suggestions.

Boozo.(nothing to do with alcohol !)

1934. Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 23:58:09 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <lO93h.2461$0r.1796@newsread1.news.pas.earthlink.net>
Source record: 50058
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

If all the seats are taken at a club meeting and a 20wpm code tested Extra is standing, a no-code ham should give their seat to the Extra and sit on the floor. After saluting of course.

SC

1935. Re: RF gets into computer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-04 23:58:25 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <BO93h.2473$0r.1393@newsread1.news.pas.earthlink.net>
Source record: 50059
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

"Sal M. Onella" <salmonella@food.poisoning.org> wrote in
news:iUT2h.835$736.222@newsfe16.phx:

>
> "RadioGuy" <RadioGuy@radioguy.com> wrote in message
> news:MPG.1fb33b49dc0e8834989aa4@news-server.carolina.rr.com...
>
>> You know nothing. You have the lowest brain capacity of any living
>> human in the world!!
>
> pse don't feed the troll

How's your code practice coming, or did you give up on it because you're
lazy?

SC

1936. Re: 10 meter mobile antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 00:14:05 UTC
From: "J. Mc Laughlin" <jcm@power-net.net>
Message-ID: <12kqb3ngt7nuu2f@corp.supernews.com>
Source record: 50060

I have seen large coil springs being made. One long steel rod is allowed to roll down an incline from a hopper of rods. Each end of the rod is grasped with an electrode and a large amount of current is sent through the rod. In about 10 or 15 seconds, the rod becomes red hot. The soft rod is then wound around a cylinder to form a coil. I do not remember what heat treating was applied.

One could use such a procedure with the SS whip.

73 Mac N8TT

--
J. Mc Laughlin; Michigan U.S.A.
Home: JCM@Power-Net.Net

> >> I once saw a 102" whip on a motor home that had literally been wound into
> >> a 4 " dia coil about half way up! It looked like one of those CB "big
> >> coil" trucker antennas except it was all in one piece. I can only
> >> surmise that he heated it and wound it around some sort of form. It
> >> shortened the thing down to less that 5 feet. But, then, wouldn't that
> >> take the temper out of the steel and make it flop over the next time it
> >> was hit? There was also no evidence of heating, either; it looked like
> >> it had been formed at the beginning of its life. Anybody ever see anyone
> >> do this before. If so, how was it done?
> >>
> >> 73
> >>
> >> Jerry
> >>>> >> --
> >>
> > > Wouldnt be that hard to do, You can retemper the steel if it gets soft and
> > > the discoloring will buff off.
> > > tempering metal takes some specific knowledge and experience. Ive done it
> > > to tools and had some success but I have also made them to brittle and
> > > they break.
> > >
> > > Of course it may have been one of those big coil antennas
>
> Nope! I went over and looked at it from one foot away. One single CB whip
> wound into about a 3-4" coil about halfway up. Looked pretty good, too. I

> just don't know how he did it; never seen that done before.
>
> 73
>
> Jerry
> >
> >
>
>

1937. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 01:19:07 UTC
From: Ben Jackson <ben@ben.com>
Message-ID: <slrnekqf0b.1ato.ben@saturn.home.ben.com>
Source record: 50061
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

```
On 2006-11-04, Slow Code <my.mail@no.spam> wrote:
> If all the seats are taken at a club meeting and a 20wpm code tested Extra
> is standing, a no-code ham should give their seat to the Extra and sit
> on the floor. After saluting of course.

Thanks to guys like you, there are always plenty of free seats at
club meetings.

--
Ben Jackson AD7GD
<ben@ben.com>
http://www.ben.com/
```

1938. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 01:38:02 UTC
From: bill_newport.4land@yahoo.com
Message-ID: <1162690682.573639.184290@k70g2000cwa.googlegroups.com>
Source record: 50062
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Ben Jackson wrote:
> On 2006-11-04, Slow Code <my.mail@no.spam> wrote:
> > If all the seats are taken at a club meeting and a 20wpm code tested Extra
> > is standing, a no-code ham should give their seat to the Extra and sit
> > on the floor. After saluting of course.
>
> Thanks to guys like you, there are always plenty of free seats at
> club meetings.
>
and thanks to guys like you there are always plenty of free blow jobs
at club meetings
> --
> Ben Jackson AD7GD
> <ben@ben.com>
> http://www.ben.com/

1939. Re: Common courtesy is somthing our unknown idoit needs to learn

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 01:58:09 UTC
From: Mark@kb9rqz.aprs
Message-ID: <n8hqk2p9h9k0lu9nr4kfjligs76mkhgcp9@4ax.com>
Source record: 50063
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Sat, 04 Nov 2006 23:58:09 GMT, Slow Code <my.mail@no.spam> wrote:

>If all the seats are taken at a club meeting and a 20wpm code tested Extra
>is standing, a no-code ham should give their seat to the Extra and sit
>on the floor. After saluting of course.
bullshit sc
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1940. sc continues crapathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 02:06:51 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1162692411.898812.298680@m73g2000cwd.googlegroups.com>
Source record: 50064
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

Slow Code wrote:
> mcalhoun@ksu.edu wrote in news:eifvjh$ced@unix1.cc.ksu.edu:
>
> > <<<.... How about Belden 9913? Of course, the construction of that
> > line <<<is "different" enough that it would be hard to mistake it for
> > something <<<else, and I assume ....
> >
> > << For those of us who never noticed -- or never recognized -- the
> > << 9913 differences in the first place, could you please explain....
> >
> > <The outside diameter of the cable, like .195, .240, .260, .405,... and
> > the
> >>gage of the center conductor, like #10, 14, 16, 18, stranded or solid.
> >
> > I don't understand. Are you saying 9913 has been made in ALL
> > of those different sizes and with ALL of those different center-
> > conductor gauges?
>
>
>
> Just go to Radio Shack. You can exchange blank stares with the clerk.
why do you keep trolling this crap into policy?
>
> SC

1941. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 02:59:22 UTC
From: Titties n Beer <anon@anon>
Message-ID: <eg9kb.ojl.17.1@news.alt.net>
Source record: 50065
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

"Slow Code" <my.mail@no.spam> wrote in message
news:lO93h.2461$0r.1796@newsread1.news.pas.earthlink.net...
If all the seats are taken at a club meeting and a 20wpm code tested Extra
is standing, a no-code ham should give their seat to the Extra and sit
on the floor. After saluting of course.

SC

Not only should the No-Coder give up his seat to a superior, he should also
wipe it clean with disinfectant.

1942. Re: Common courtesyis l;acking from the many of the extras

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 03:50:37 UTC
From: Mark@kb9rqz.aprs
Message-ID: <krnqk25a68nbv211dog21g09cajjbd9dd1@4ax.com>
Source record: 50066
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Sat, 4 Nov 2006 21:59:22 -0500, "Titties n Beer" <anon@anon> wrote:

>
>"Slow Code" <my.mail@no.spam> wrote in message
>news:lO93h.2461$0r.1796@newsread1.news.pas.earthlink.net...
>If all the seats are taken at a club meeting and a 20wpm code tested Extra
>is standing, a no-code ham should give their seat to the Extra and sit
>on the floor. After saluting of course.
>
>SC
>
>
>Not only should the No-Coder give up his seat to a superior, he should also
>wipe it clean with disinfectant.
as this statement clearly proves
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1943. Re: MicroMatch

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 05:52:13 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <YZe3h.5089$3L.3324@bignews2.bellsouth.net>
Source record: 50067

"Sonny Hood" <wrhood@cox.net> wrote in message
news:47pkk2pnenmaa3q69dr9h99q2sh4thmi07@4ax.com...
> I have an M C Jones MicroMatch (Microwave Devices) and the pot in
> the indicator unit (Model 262 w/ Model 261 Coupler Unit) was replaced
> with a 500 ohm potentiometer. What is the correct value to allow the
> scale to match the pointer, and is it straight or tampered? Would
> like to have a copy of the schematic, if anyone can e-mail it to me.
> <k4wys@cox.net>

That circuit is pretty common I would check the ARRL books for a schematic
and use what ever is there. I have a homebrew one that uses 5k.

1944. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 06:02:43 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <N7f3h.5158$3L.690@bignews2.bellsouth.net>
Source record: 50068
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"Jerseyj" <jerseyj69@comcast.net> wrote in message
news:jerseyj69-2E66A6.19204202112006@comcast.dca.giganews.com...
> In article <12kiihqsvmnnv58@corp.supernews.com>,
> "David G. Nagel" <nagel@core.com> wrote:
>
>> Slow Code wrote:
>>
>> > At club meetings, no-codes and nickle hams should have to stand up and
>> > salute when a 20wpm code tested Extra comes into the room.
>> >
>> > SC
>>
>> Middle finger salute.....
>>
>>
>> Dave N
>
> Mmmm...maybe the Extra's should stand up and salute when someone who can
> program a software programmable transceiver shows up ? An EME specialist
> ? Someone who builds radios ?

Aint that the truth< I have known my share of extras tha tthe only thing
they had going for them was the code.

1945. Am I "silly" thinking this.....

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 06:33:26 UTC
From: Paladin <kb1ghh@hotmail.com>
Message-ID: <1162708406.425178.294970@i42g2000cwa.googlegroups.com>
Source record: 50069

Good Morning Fellow Antenna "wizards"!
I always seem to get these "brain-storms" late at night. I have a 706 mobile with a small auto-tuner. I use a hustler 80m coil with a cap hat. I am mainly interested in getting 80m as best as possible....right now. Now,I know that hams stuck in condo's or apartments with limited space can take "two hamsticks" OR even two "Hustler" set ups and get a special bracket an mount the whole thing like a "DIPOLE"!!! Some even use these "dipole set-ups" as drive elements on a YAGI!
Now "WHY" wouldn't that type of set up WORK on the rear of a car ??? Instead of using the car as the":other half" of the antenna.....you would have an "equal,balanced-shortened dipole" on a special mount. Naturally,you would have to fix it so that you could feed it in the center of the antenna. Would this "thing" work as a mobile antenna??

73's, Paladin

p.s.-I probabally should fire up the ENZEC to see what "it" would say about it. I'm on a laptop now. I'd have to go downstairs to do the ENZEC thing.

1946. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 06:46:43 UTC
From: Titties n Beer <anon@anon>
Message-ID: <egmuk.m2f.19.1@news.alt.net>
Source record: 50070
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"Jimmie D" <jimmiedee@bellsouth.net> wrote in message
news:N7f3h.5158$3L.690@bignews2.bellsouth.net...

"Jerseyj" <jerseyj69@comcast.net> wrote in message
news:jerseyj69-2E66A6.19204202112006@comcast.dca.giganews.com...
> In article <12kiihqsvmnnv58@corp.supernews.com>,
> "David G. Nagel" <nagel@core.com> wrote:
>
>> Slow Code wrote:
>>
>> > At club meetings, no-codes and nickle hams should have to stand up and
>> > salute when a 20wpm code tested Extra comes into the room.
>> >
>> > SC
>>
>> Middle finger salute.....
>>
>>
>> Dave N
>
> Mmmm...maybe the Extra's should stand up and salute when someone who can
> program a software programmable transceiver shows up ? An EME specialist
> ? Someone who builds radios ?

Aint that the truth< I have known my share of extras tha tthe only thing
they had going for them was the code.

.....

But they DID learn CW!
If they did, so can you.

Stop looking for a Freebie to get your General ticket.

1947. Re: Am I "silly" thinking this.....

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 11:51:20 UTC
From: gsm@mendelson.com
Message-ID: <slrnekrjkm.691.gsm@cable.mendelson.com>
Source record: 50071

Paladin wrote:
> Now "WHY" wouldn't that type of set up WORK on the rear of a
> car ??? Instead of using the car as the":other half" of the
> antenna.....you would have an "equal,balanced-shortened dipole" on a
> special mount. Naturally,you would have to fix it so that you could
> feed it in the center of the antenna. Would this "thing" work as a
> mobile antenna??

Sure it would work. How well depends upon the car. If you do model it,
you would need to include the car as part of the antenna.

Obviously a car made from plastic (there were two models, one made in France,
one made in Israel, both in the 1970's) or fiberglass would be a better
choice.

Geoff.

--
Geoffrey S. Mendelson, Jerusalem, Israel gsm@mendelson.com N3OWJ/4X1GM
IL Voice: (07)-7424-1667 Fax ONLY: 972-2-648-1443 U.S. Voice: 1-215-821-1838
Visit my 'blog at http://geoffstechno.livejournal.com/

1948. receiving HF antenna for urban conditions

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 12:49:06 UTC
From: Toni <devegades@gmail.com>
Message-ID: <1162730946.761930.152060@h54g2000cwb.googlegroups.com>
Source record: 50072

Hi,

I'm moving to a new urban QTH in and trying to figure out the best HF antenna installation.

I'd like to have distinct HF antennas for RX and TX: a vertical for TX where only performance matters and "something" for RX where the main problem is going to be tons and tons of local QRM.

I don't know what could be this "something". I'd probably like some kind of loop or small dipole or whatever I can point and can be isolated as much as possible from local noise received in the supporting mast and feed line themselves. It should be something physically small because of neighbors, etc.

I'd prefer to build them myself but would buy them if something seemed interesting enough.

Feedline is going to be about 100 ft long

What would be your suggestion?

Thanks

--
EA3FYA - Toni

1949. Re: Identifying coax cable.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 12:58:56 UTC
From: Dave <noone@nowhere.com>
Message-ID: <BK6dnVLZf5-EfdDYnZ2dnUVZ_oOdnZ2d@crocker.com>
Source record: 50073
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

"Boozo" <boozo@bogpond.com> wrote in message
news:454d23fc$1_1@news.iprimus.com.au...
>
> "Slow Code" <my.mail@no.spam> wrote in message
> news:yZQ2h.1660$L6.1169@newsread3.news.pas.earthlink.net...
>> mcalhoun@ksu.edu wrote in news:eifvjh$ced@unix1.cc.ksu.edu:
>>
>>> <<<.... How about Belden 9913? Of course, the construction of that
>>> line <<<is "different" enough that it would be hard to mistake it for
>>> something <<<else, and I assume ....
>>>
>>> << For those of us who never noticed -- or never recognized -- the
>>> << 9913 differences in the first place, could you please explain....
>>>
>>> <The outside diameter of the cable, like .195, .240, .260, .405,... and
>>> the
>>>>gage of the center conductor, like #10, 14, 16, 18, stranded or solid.
>>>
>>> I don't understand. Are you saying 9913 has been made in ALL
>>> of those different sizes and with ALL of those different center-
>>> conductor gauges?
>>
>> Just go to Radio Shack. You can exchange blank stares with the clerk.
>>
>> SC
> Looks like I may have to as it doesn't seem to have an easy solution and
> my VHF transmitter is broken.
> Have a data sheet handy so might take some measurements with the vernier
> calipers and see what I come up with.
>
> Thanks for all the suggestions.
>
> Boozo.(nothing to do with alcohol !)
>
>
the original 9913 has a 9.5ga solid copper center conductor, the center
conductor has a spiral wrapped standoff insulator, a thin solid dielectric
layer then foil and braid shield. the od is .405" so it can't be easily
distinguished from regular rg8 without looking inside. though if it is the
original good stuff i would expect it to be well marked on the outside since
not just everyone made it. the problem is that there have been many
variations over the years on 9913, including stranded center conductors and
some variations in dielectrics.

1950. Re: Am I "silly" thinking this.....

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 13:03:55 UTC
From: Dave <noone@nowhere.com>
Message-ID: <462dnemEPLnZfNDYnZ2dnUVZ_oGdnZ2d@crocker.com>
Source record: 50074

"Paladin" <kb1ghh@hotmail.com> wrote in message
news:1162708406.425178.294970@i42g2000cwa.googlegroups.com...
> Good Morning Fellow Antenna "wizards"!
> I always seem to get these "brain-storms" late at night. I have a
> 706 mobile with a small auto-tuner. I use a hustler 80m coil with a cap
> hat. I am mainly interested in getting 80m as best as possible....right
> now. Now,I know that hams stuck in condo's or apartments with limited
> space can take "two hamsticks" OR even two "Hustler" set ups and get a
> special bracket an mount the whole thing like a "DIPOLE"!!! Some even
> use these "dipole set-ups" as drive elements on a YAGI!
> Now "WHY" wouldn't that type of set up WORK on the rear of a
> car ??? Instead of using the car as the":other half" of the
> antenna.....you would have an "equal,balanced-shortened dipole" on a
> special mount. Naturally,you would have to fix it so that you could
> feed it in the center of the antenna. Would this "thing" work as a
> mobile antenna??
>
> 73's, Paladin
>
> p.s.-I probabally should fire up the ENZEC to see what
> "it" would say about it. I'm on a laptop now. I'd have
> to go downstairs to do the ENZEC thing.
>
it may 'work' but how are you going to mount it? it would be too wide to
mount cross wise, and if you mounted it on the rear bumper then half the
antenna would stick the guy behind you in the eye. also a low dipole like
that is likely to be just as lossy as the vertical fed against the car since
it would still couple very tightly to the car and road.

1951. Re: Am I "silly" thinking this.....

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 14:15:29 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <5mm3h.2235$r12.412@newssvr12.news.prodigy.com>
Source record: 50075

Paladin wrote:
> Now "WHY" wouldn't that type of set up WORK on the rear of a
> car ??? Instead of using the car as the":other half" of the
> antenna.....you would have an "equal,balanced-shortened dipole" on a
> special mount. Naturally,you would have to fix it so that you could
> feed it in the center of the antenna. Would this "thing" work as a
> mobile antenna??

Ground-mounted loaded verticals can work very well.
Very low loaded dipoles don't.
--
73, Cecil http://www.w5dxp.com

1952. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 15:22:36 UTC
From: AndyS <andysharpe@juno.com>
Message-ID: <1162740155.991184.191890@m73g2000cwd.googlegroups.com>
Source record: 49926
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Slow Code wrote:
> If all the seats are taken at a club meeting and a 20wpm code tested Extra
> is standing, a no-code ham should give their seat to the Extra and sit
> on the floor. After saluting of course.
>
> SC

Andy writes;

Yeah.... I got yer salute right here !!!!

Andy W4OAH

1953. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 15:53:13 UTC
From: wîthhËld fØr rËåsØñs Øf ñå tîØñål SËÇürîty <root@127.0.0.1>
Message-ID: <1162741998.230855@www.vif.com>
Source record: 49927
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

OFF TOPIC YOU FUCKEN MORON!

AndyS wrote:

> Slow Code wrote:
>
>>If all the seats are taken at a club meeting and a 20wpm code tested Extra
>>is standing, a no-code ham should give their seat to the Extra and sit
>>on the floor. After saluting of course.
>>
>>SC
>
>
> Andy writes;
>
> Yeah.... I got yer salute right here !!!!
>
> Andy W4OAH
>
>
>
> ---
> avast! Antivirus: Inbound message clean.
> Virus Database (VPS): 0645-4, 11/03/2006
> Tested on: 11/5/2006 10:52:02 AM
> avast! - copyright (c) 1988-2006 ALWIL Software.
> http://www.avast.com
>
>
>

---
avast! Antivirus: Outbound message clean.
Virus Database (VPS): 0645-4, 11/03/2006
Tested on: 11/5/2006 10:53:14 AM
avast! - copyright (c) 1988-2006 ALWIL Software.
http://www.avast.com

1954. Re: i punce in agin

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 15:57:09 UTC
From: Mark@kb9rqz.aprs
Message-ID: <454dfcf0$0$12064$88260bb3@free.teranews.com>
Source record: 49928
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

ok I back four anoter tuff day on the news grupes it my job tis waht I do
so bringit on you loosers

show-na-to-va (that is the greeting for this time of year as a JEW rendered
phonicticaly)
happy new years it means and it can be better one if Wismen Robson and SC a
few just decided to not to be as hateful

with the punce gotcha he wonders why I simple don't bother to ty impoving
my spelling do u hav anyting cognet two say?
http://www.marksspamblog.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1955. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 15:58:55 UTC
From: wîthhËld fØr rËåsØñs Øf ñå tîØñål SËÇürîty <root@127.0.0.1>
Message-ID: <1162742339.308132@www.vif.com>
Source record: 49929
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

YOU FUCKEN MORONS! STOP CROSS POSTING YOUR HAMSTER CRAP IN SCANNER NEWSGROUPS

Ben Jackson wrote:

> On 2006-11-04, Slow Code <my.mail@no.spam> wrote:
>
>>If all the seats are taken at a club meeting and a 20wpm code tested Extra
>>is standing, a no-code ham should give their seat to the Extra and sit
>>on the floor. After saluting of course.
>
>
> Thanks to guys like you, there are always plenty of free seats at
> club meetings.
>

---
avast! Antivirus: Outbound message clean.
Virus Database (VPS): 0645-4, 11/03/2006
Tested on: 11/5/2006 10:58:55 AM
avast! - copyright (c) 1988-2006 ALWIL Software.
http://www.avast.com

1956. nice pikture of tood

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 16:04:22 UTC
From: Mark@kb9rqz.aprs
Message-ID: <454dfea0$0$12124$88260bb3@free.teranews.com>
Source record: 49930
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,rec.radio.shortwave,rec.radio.scanner

http://i12.tinypic.com/2v809k3.jpg

ist from my blogs wit tood
http://www.marksspamblog.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1957. Re: recap

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 16:13:11 UTC
From: Mark@kb9rqz.aprs
Message-ID: <454e00b1$0$12064$88260bb3@free.teranews.com>
Source record: 49931
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.shortwave,rec.radio.swap

1) I was draft into the US Army.
2) I is a member of the Chemcal Cops
3) The military wont let me retire.
4) I dosn't serve under the name 'Mark Morgan but that's okay cuz theFBI,
DOD, and CIA have al todl me I candodit.
5) I is on-the-lam from stalking former marines and fatal
atraction four ex-shemale wife almoney
6) I was recenty, paying $5/hr. to acess my ISP
7) I has a 248 IQ, but cant figre out how touse a spel cecker.
8) I is a bi-sexual Pagan male ham who like to be spanked.
9) I can't find any action on the military base in Central IL, so I hav to
ask the peple on th USNET.
http://www.marksspamblog.blogspot.com/

10) I punce

--
Posted via a free Usenet account from http://www.teranews.com

1958. id theft is still acrime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 16:17:19 UTC
From: Mark@kb9rqz.aprs
Message-ID: <dj3sk259u04pr274hfu1msdi9hpf7d0853@4ax.com>
Source record: 49932
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,rec.radio.shortwave,rec.radio.scanner

On Sun, 5 Nov 2006 11:04:22 -0500, <Mark@kb9rqz.aprs> wrote:

>
> http://i12.tinypic.com/2v809k3.jpg
>
> ist from my blogs wit tood
and you are still a criminal using likeaeio.org
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1959. id theft isa crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 16:18:13 UTC
From: Mark@kb9rqz.aprs
Message-ID: <jl3sk2hu7qbb2935hk65pkblprjlju3ko2@4ax.com>
Source record: 49933
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

On Sun, 5 Nov 2006 10:57:09 -0500, <Mark@kb9rqz.aprs> wrote:

> ok I back four anoter tuff day on the news grupes it my job tis waht I do
> so bringit on you loosers
>
> show-na-to-va (that is the greeting for this time of year as a JEW rendered
>phonicticaly)
> happy new years it means and it can be better one if Wismen Robson and SC a
>few just decided to not to be as hateful
>
> with the punce gotcha he wonders why I simple don't bother to ty impoving
>my spelling do u hav anyting cognet two say?
still the crimanal I see
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1960. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 16:19:38 UTC
From: Mark@kb9rqz.aprs
Message-ID: <qm3sk29hgg7mp3hjng6t53n1aeeiutbdbg@4ax.com>
Source record: 49934
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Sun, 5 Nov 2006 01:46:43 -0500, "Titties n Beer" <anon@anon> wrote:

>
>"Jimmie D" <jimmiedee@bellsouth.net> wrote in message
>news:N7f3h.5158$3L.690@bignews2.bellsouth.net...

>But they DID learn CW!
and you still have not learned how to quote properly
>If they did, so can you.
a dubous assertion at best, in truth it is irelavant to issue
>
>Stop looking for a Freebie to get your General ticket.

who is proposing one?
>
>
>
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1961. my dad

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 16:22:17 UTC
From: Mark@kb9rqz.aprs
Message-ID: <454e02d2$0$12128$88260bb3@free.teranews.com>
Source record: 49935
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.scanner,alt.ham-radio.vhf-uhf

http://home.mchsi.com/~north1959/professorblumpkin.jpg

>>
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>>

with the punce gotcha he wonders why I simple don't bother to ty
impoving my spelling do u hav anyting cognet two say?
http://www.marksspamblog.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1962. id theft remains a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 16:25:11 UTC
From: Mark@kb9rqz.aprs
Message-ID: <824sk29r29a6ffd2pggc9sbpej6f2hcj2v@4ax.com>
Source record: 49936
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.scanner,alt.ham-radio.vhf-uhf

On Sun, 5 Nov 2006 11:22:17 -0500, <Mark@kb9rqz.aprs> wrote:

>
and with such stupid shit too
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1963. Re: Am I "silly" thinking this.....

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 17:23:01 UTC
From: mcalhoun@ksu.edu
Message-ID: <eil6ll$k2@unix1.cc.ksu.edu>
Source record: 49937

>.... I use a hustler 80m coil with a cap
>hat. I am mainly interested in getting 80m as best as possible....right
>now. Now,I know that hams stuck in condo's or apartments with limited
>space can take "two hamsticks" OR even two "Hustler" set ups and get a
>special bracket an mount the whole thing like a "DIPOLE"!!! Some even
>use these "dipole set-ups" as drive elements on a YAGI!
>Now "WHY" wouldn't that type of set up WORK on the rear of a car ???....

I DID just that except I mounted the dipole pointed fore-and-aft atop
a two-foot high mast fastened to the front "canoe carrier" (or ladder
carrier) atop the "topper" on my F-150 pickup truck.

As an NVIS antenna, it worked like a charm -- I live in Kansas and
that antenna "covered" Kansas and the 4-5 surrounding states on 80
and (by changing the hamsticks) on 40!

I originally worried that the forward-pointing antenna tip might
suffer from severe whiplash, but, at 60+ mph, it merely described
maybe-foot-wide circles in the airstream.

Unfortunately, while it was just low enough to clear my garage door,
one day the forward tip "speared" the garage-door pulldown loop and
ripped the antenna, mast, and about half of the canoe carrier off
the truck before I could stop!

But it was a GOOD mobile antenna, and I may erect it again!

--
--Myron A. Calhoun.
Five boxes preserve our freedoms: soap, ballot, witness, jury, and cartridge
NRA Life Member and Rifle, Pistol, & Home Firearm Safety Certified Instructor
Certified Instructor for the Kansas Concealed-Carry Handgun license

1964. Re: 3/8 - 24 coupling nut

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 17:59:03 UTC
From: Ed <Huckleberry_REMOVE_@bigvalley.net>
Message-ID: <Xns9872663E16790spectrumhogstarbandn@198.186.192.196>
Source record: 49938

My thanks to the four of you who responded to my query looking for 3/8"-24 coupler nuts for an antenna project. Some of your responses were unavailable to me, and some weren't. I did manage to find what I was looking for as a result of some. Thank you all for the help.

Ed K7AAT

1965. Re: receiving HF antenna for urban conditions

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 18:21:17 UTC
From: Dave Oldridge <doldridg@leavethisoutshaw.ca>
Message-ID: <Xns98726952E6C67doldridgsprintca@64.59.135.159>
Source record: 49939

"Toni" <devegades@gmail.com> wrote in news:1162730946.761930.152060
@h54g2000cwb.googlegroups.com:

> Hi,
>
> I'm moving to a new urban QTH in and trying to figure out the best HF
> antenna installation.
>
> I'd like to have distinct HF antennas for RX and TX: a vertical for TX
> where only performance matters and "something" for RX where the main
> problem is going to be tons and tons of local QRM.
>
> I don't know what could be this "something". I'd probably like some
> kind of loop or small dipole or whatever I can point and can be
> isolated as much as possible from local noise received in the
> supporting mast and feed line themselves. It should be something
> physically small because of neighbors, etc.
>
> I'd prefer to build them myself but would buy them if something seemed
> interesting enough.
>
> Feedline is going to be about 100 ft long
>
> What would be your suggestion?

I'm using an 8 foot mobile hamstick horizontal off my back balcony in a
2nd floor apartment. The noise is a problem, but I can mitigate it quite
a bit with my MFJ-1026 which allows me to have a second receive antenna
and beat it against the main transceiver antenna for the purpose of
phasing out the noise.

--
Dave Oldridge+
ICQ 1800667

1966. Re: receiving HF antenna for urban conditions

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 20:48:39 UTC
From: Toni <devegades@gmail.com>
Message-ID: <1162759719.931600.298950@m73g2000cwd.googlegroups.com>
Source record: 49940

Dave Oldridge wrote:
>
> I'm using an 8 foot mobile hamstick horizontal off my back balcony in a
> 2nd floor apartment. The noise is a problem, but I can mitigate it quite
> a bit with my MFJ-1026 which allows me to have a second receive antenna
> and beat it against the main transceiver antenna for the purpose of
> phasing out the noise.
>

That's an interesting possibility but probably not useful for multiband
operation considering the antennas will be at the roof which is 4
stories (is that the right word?) above my apartment. But makes me
think of some kind of close phased small monopoles with a separate
preamplifier for each and the phasing network down at the apartment.
Will try to do some modeling and see if it is doable. Reminds me of the
Flag/Pennant antenna. Probably too big.

Thanks,

--
EA3FYA - Toni

1967. Re: receiving HF antenna for urban conditions

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 21:19:10 UTC
From: Joe Bloe <abaslon@comcast.net>
Message-ID: <40lsk2lp8619mr4jpupa7gdmbi5m31n651@4ax.com>
Source record: 49941

On 5 Nov 2006 04:49:06 -0800, "Toni" <devegades@gmail.com> wrote:

>Hi,
>
>I'm moving to a new urban QTH in and trying to figure out the best HF
>antenna installation.
>
>I'd like to have distinct HF antennas for RX and TX: a vertical for TX
>where only performance matters and "something" for RX where the main
>problem is going to be tons and tons of local QRM.
>
>I don't know what could be this "something". I'd probably like some
>kind of loop or small dipole or whatever I can point and can be
>isolated as much as possible from local noise received in the
>supporting mast and feed line themselves. It should be something
>physically small because of neighbors, etc.
>
>I'd prefer to build them myself but would buy them if something seemed
>interesting enough.
>
>Feedline is going to be about 100 ft long
>
>What would be your suggestion?
>
>Thanks

Toni,
If you want separate antennas, (aerials), and IF you have the room,
(hence the 100 ft feed line), and IF you want to build the thing your
self. . . Might I suggest for your receiver, a Caged Dipole? In the
more modern world, it is referred to as a Fat Conductor Antenna. I
asked a little bit about them here, and found out a lot more than I
thought I would have, being that these are just about extinct. They
offer many possibilities for what I believe you are looking for in a
receive end application.

73's
KD7YMR
Rob

1968. Re: my dad

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-05 23:34:14 UTC
From: an_old_friend <kb9rqz69@hotmail.com>
Message-ID: <1162769654.309164.313170@h48g2000cwc.googlegroups.com>
Source record: 49942
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,alt.usenet.kooks,rec.radio.scanner,alt.ham-radio.vhf-uhf

```
my dad youaght me hwo too sukc ckoc
Mark@kb9rqz.aprs wrote:
> http://home.mchsi.com/~north1959/professorblumpkin.jpg
>
>
>
>
>
>
>
> >>
> >>
> >>
> >>
> >>
> >>
> >>
> >>
> >>
> >>
> >>
> >>
> >>
>
>
>
> with the punce gotcha he wonders why I simple don't bother to ty
> impoving my spelling do u hav anyting cognet two say?
> http://www.marksspamblog.blogspot.com/
>
>
>
> --
> Posted via a free Usenet account from http://www.teranews.com
```

1969. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 00:44:03 UTC
From: X-rated Vermonter <k1xvnospam@arrl.net>
Message-ID: <991tk25h97tilno2df445pvh2ouvbf6oog@4ax.com>
Source record: 49943
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Sat, 04 Nov 2006 23:58:09 GMT, Slow Code <my.mail@no.spam> wrote:

>If all the seats are taken at a club meeting and a 20wpm code tested Extra
>is standing, a no-code ham should give their seat to the Extra and sit
>on the floor. After saluting of course.
>
>SC
++++++++
You have been drinking too much sloe gin.

1970. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 01:16:08 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <s1w3h.2749$l25.830@newsread4.news.pas.earthlink.net>
Source record: 49944
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

X-rated Vermonter <k1xvnospam@arrl.net> wrote in
news:991tk25h97tilno2df445pvh2ouvbf6oog@4ax.com:

> On Sat, 04 Nov 2006 23:58:09 GMT, Slow Code <my.mail@no.spam> wrote:
>
>>If all the seats are taken at a club meeting and a 20wpm code tested
>>Extra is standing, a no-code ham should give their seat to the Extra and
>>sit on the floor. After saluting of course.
>>
>>SC
> ++++++++
> You have been drinking too much sloe gin.

Please wipe the seat after you get off to sit on the floor.

Thanks.

SC

1971. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 01:39:33 UTC
From: X-rated Vermonter <k1xvnospam@arrl.net>
Message-ID: <lh4tk2h7f0elg6ilpcjdh7ma48crfk7cr0@4ax.com>
Source record: 49945
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Mon, 06 Nov 2006 01:16:08 GMT, Slow Code <my.mail@no.spam> wrote:

>X-rated Vermonter <k1xvnospam@arrl.net> wrote in
>news:991tk25h97tilno2df445pvh2ouvbf6oog@4ax.com:
>
>> On Sat, 04 Nov 2006 23:58:09 GMT, Slow Code <my.mail@no.spam> wrote:
>>
>>>If all the seats are taken at a club meeting and a 20wpm code tested
>>>Extra is standing, a no-code ham should give their seat to the Extra and
>>>sit on the floor. After saluting of course.
>>>
>>>SC
>> ++++++++
>> You have been drinking too much sloe gin.
>
>
>
>Please wipe the seat after you get off to sit on the floor.
>
>Thanks.
>
>SC
+++++++++
It just so happens that I passed a 20 wpm code test and I think you
are a bozo.

1972. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 06:58:48 UTC
From: K4YZ <k4yz@aol.com>
Message-ID: <1162796328.142616.84010@e3g2000cwe.googlegroups.com>
Source record: 49946
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

X-rated Vermonter wrote:

> It just so happens that I passed a 20 wpm code test and I think you
> are a bozo.

Where's the evidence?

Steve, K4YZ

1973. "Slow Code"...I Owe You A Cold One! Thanks!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 08:03:19 UTC
From: K4YZ <stevenrobeson@aol.com>
Message-ID: <1162800198.933182.161140@h48g2000cwc.googlegroups.com>
Source record: 49947
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

```
Slow Code wrote:
> mcalhoun@ksu.edu wrote in news:eifvjh$ced@unix1.cc.ksu.edu:
>
> > <<<.... How about Belden 9913? Of course, the construction of that
> > line <<<is "different" enough that it would be hard to mistake it for
> > something <<<else, and I assume ....
> >
> > << For those of us who never noticed -- or never recognized -- the
> > << 9913 differences in the first place, could you please explain....
> >
> > <The outside diameter of the cable, like .195, .240, .260, .405,... and
> > the
> >>gage of the center conductor, like #10, 14, 16, 18, stranded or solid.
> >
> > I don't understand. Are you saying 9913 has been made in ALL
> > of those different sizes and with ALL of those different center-
> > conductor gauges?
>
> Just go to Radio Shack. You can exchange blank stares with the clerk.

BBBBWWWHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHA
HAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHA
HAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHA
HAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHA
HAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHA
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

R O T M F F L M M F A O ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !

I haven't laughed that hard in a while!

Thanks!

Steve, K4YZ
```

1974. Fix up your NEC2! (Bug fix)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 11:42:03 UTC
From: neok <n5b4az@yahoo.com>
Message-ID: <1162813323.449354.107670@b28g2000cwb.googlegroups.com>
Source record: 49948

Hi,

I am taking the liberty of posting here a copy of an email I received from Gerry Burke, in response to a NEC2 bug report which I mentioned here a few days ago. This email details the changes needed in the NEC2 FORTRAN code but it is also very informative on the subject of wires connected to patches and the use of the EK (extended thin-wire kernel) card.

Tim Molteno has already fixed his C++ port of the NEC2 (http://alioth.debian.org/projects/necpp/) and also mentioned he would fix a copy of nec2c, my translation to C of NEC2, which I understand will be available in the same project site. At the moment I am very short of time, and I expect to fix the "nec2c" and "xnec2c" (X/GUI version) in my website after I complete the work I am doing to make xnec2c multi-threading (it is now in the alpha bug-fixing stage).

73's Neoklis 5B4AZ http://5b4az.chronos.org.uk/

G. Burkes bug-fix for the NEC2:

You are right, there is a bug in NEC-2 when the extended thin-wire kernel is used with wires connected to patches. This has escaped detection for over 20 years. I did not catch it yesterday, because I had MAXSEG=10000, and ICON1 and ICON2 are dimensioned to 2*MAXSEG, so 10000 did not exceed the bound.

The problem can be fixed as shown below. In addition to subroutine CMWW, where you encountered the problem, the same changes need to be made in subroutines NEFLD and QDSRC. With this change the extended kernel is not used at a wire end connected to a patch surface, but would be used on the rest of the wire if it is straight .

The extended thin-wire kernel is only used on thick, straight wires, so is not very useful. The code turns it off at junctions, bends and changes in radius. Also, the connection of a wire to a patch surface is not good in NEC-2 or 4. It works fairly well for something like a monopole on a surface, but not for a half loop connected to the surface. A wire grid surface provides a better connection for a wire antenna.

NEC-4 does not have the extended kernel, but instead puts the current on the wire surface with match points on the axis, and has an approximation for wire end caps that reduces the instability when the

segment length to radius ratio is small. So NEC-4 would not have
this problem.

Thanks for finding this bug.

Jerry Burke
LLNL

To fix the extended thin-wire kernel with patches in NEC-2:

```
SUBROUTINE CMWW (J,I1,I2,CM,NR,CW,NW,ITRP)
.
.
C DECIDE WETHER EXT. T.W. APPROX. CAN BE USED
IPR=ICON1(J)
IF(IPR.GT.10000)GO TO 5 !<---NEW
IF (IPR) 1,6,2
1 IPR=-IPR
IF (-ICON1(IPR).NE.J) GO TO 7
GO TO 4
2 IF (IPR.NE.J) GO TO 3
IF (CABJ*CABJ+SABJ*SABJ.GT.1.D-8) GO TO 7
GO TO 5
3 IF (ICON2(IPR).NE.J) GO TO 7
4 XI=ABS(CABJ*CAB(IPR)+SABJ*SAB(IPR)+SALPJ*SALP(IPR))
IF (XI.LT.0.999999D+0) GO TO 7
IF (ABS(BI(IPR)/B-1.).GT.1.D-6) GO TO 7
5 IND1=0
GO TO 8
6 IND1=1
GO TO 8
7 IND1=2
8 IPR=ICON2(J)
IF(IPR.GT.10000)GO TO 15 !<---NEW
IF (IPR) 9,14,10

SUBROUTINE NEFLD (XOB,YOB,ZOB,EX,EY,EZ)
.
.
IPR=ICON1(I)
IF(IPR.GT.10000)GO TO 9 !<---NEW
IF (IPR) 3,8,4
3 IPR=-IPR
IF (-ICON1(IPR).NE.I) GO TO 9
GO TO 6
4 IF (IPR.NE.I) GO TO 5
IF (CABJ*CABJ+SABJ*SABJ.GT.1.D-8) GO TO 9
GO TO 7
5 IF (ICON2(IPR).NE.I) GO TO 9
6 XI=ABS(CABJ*CAB(IPR)+SABJ*SAB(IPR)+SALPJ*SALP(IPR))
IF (XI.LT.0.999999D+0) GO TO 9
IF (ABS(BI(IPR)/B-1.).GT.1.D-6) GO TO 9
```

```
7 IND1=0
GO TO 10
8 IND1=1
GO TO 10
9 IND1=2
10 IPR=ICON2(I)
IF(IPR.GT.10000)GO TO 17 !<---NEW
IF (IPR) 11,16,12

SUBROUTINE QDSRC (IS,V,E)
.
.
IPR=ICON1(J)
IF(IPR.GT.10000)GO TO 7 !<---NEW
IF (IPR) 1,6,2
1 IPR=-IPR
IF (-ICON1(IPR).NE.J) GO TO 7
GO TO 4
2 IF (IPR.NE.J) GO TO 3
IF (CABJ*CABJ+SABJ*SABJ.GT.1.D-8) GO TO 7
GO TO 5
3 IF (ICON2(IPR).NE.J) GO TO 7
4 XI=ABS(CABJ*CAB(IPR)+SABJ*SAB(IPR)+SALPJ*SALP(IPR))
IF (XI.LT.0.999999D+0) GO TO 7
IF (ABS(BI(IPR)/B-1.).GT.1.D-6) GO TO 7
5 IND1=0
GO TO 8
6 IND1=1
GO TO 8
7 IND1=2
8 IPR=ICON2(J)
IF(IPR.GT.10000)GO TO 15 !<---NEW
IF (IPR) 9,14,10
```

1975. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 12:26:11 UTC
From: X-rated Vermonter <k1xvnospam@arrl.net>
Message-ID: <r7auk2pnd9f3curn9d4kcgs9d9l79hn878@4ax.com>
Source record: 49949
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On 5 Nov 2006 22:58:48 -0800, "K4YZ" <k4yz@aol.com> wrote:

>X-rated Vermonter wrote:
>
>> It just so happens that I passed a 20 wpm code test and I think you
>> are a bozo.
>
> Where's the evidence?
>
>Steve, K4YZ
++++++++++

http://wireless2.fcc.gov/UlsApp/UlsSearch/license.jsp?licKey=236071

In May 1997 20 wpm was still in effect.

K1XV the X-rated Vermonter

1976. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 12:47:07 UTC
From: k4yz_03@yahoo.com
Message-ID: <1162817227.178370.22540@b28g2000cwb.googlegroups.com>
Source record: 49950
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

X-rated Vermonter wrote:
> On 5 Nov 2006 22:58:48 -0800, "K4YZ" <k4yz@aol.com> wrote:
>
> >X-rated Vermonter wrote:
> >
> >> It just so happens that I passed a 20 wpm code test and I think you
> >> are a bozo.
> >
> > Where's the evidence?
> >
> >Steve, K4YZ
> ++++++++++
>
> http://wireless2.fcc.gov/UlsApp/UlsSearch/license.jsp?licKey=236071
>
> In May 1997 20 wpm was still in effect.
>
> K1XV the X-rated Vermonter

No...Where's the evidence of Slow Code being a bozo...?!?!

(And I passed the 20WPM when I still had to send, too...)

Steve, K4YZ

1977. Stripped off coax velocity factor

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 12:49:07 UTC
From: PaoloC <ollollo@hotpop.com>
Message-ID: <454f2f0c$1_2@x-privat.org>
Source record: 49951

Hi,
I cannot come up with an answer.

Let's say I have a coax cable with 83% velocity factor. I want to use its inner conductor (that is solid copper single conductor) so I remove the outer sheath and the braid.

I am left with the inner conductor and what was the dielectric, now performing as an insulator around my wire.

What is the resulting velocity factor?
* 83%, as the original cable
* 100%, copper's
* something else?

I have experienced that wire dipoles and verticals built with insulated electric wire have a final length shorter than the theoretical value. I "suspected" the PVC coating to vary the velocity factor. Am I wrong?

Thank you in advance for your hints.
Paolo IK1ZYW

1978. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 12:51:46 UTC
From: AndyS <andysharpe@juno.com>
Message-ID: <1162817506.291816.175840@h48g2000cwc.googlegroups.com>
Source record: 49952
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Slow Code wrote:
> If all the seats are taken at a club meeting and a 20wpm code tested Extra
> is standing, a no-code ham should give their seat to the Extra and sit
> on the floor. After saluting of course.
>
> SC

Andy writes:

A FINE idea. And if the Extra needs to go to the restroom for some
reason, the no-code should accompany him with a roll of tissue and
assist in His endeavors.......

It's innovative ideas like yours that bring inspiration and, dare I
say it, PRIDE to those who have joined the ranks of Amateur Radio.
And I am shocked, I tell you, shocked, at the attempts of our
members to discredit what is obviously a very inventive
personality.....

There's no doubt in my mind that you could be another
"Larry the Cable Guy" if you set your mind to it. The world has
far too many Einsteins and not nearly enough Howard Deans, and
you might have a ready made niche.....

No one here thinks more highly of you than I ,

Andy

1979. Re: Stripped off coax velocity factor

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 13:34:51 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1162820091.705731.180690@i42g2000cwa.googlegroups.com>
Source record: 49953

What you have left after the stripping process is just a wire with a thick insulating jacket... The fact that it was part of a coaxial cable before the stripping has no more bearing on the answer than the fact that the copper was previously greenish ore nodules buried in the ground and the jacket was made from nasty smelling crude oil...

So, forget all about 'coax', it has nothing to do with the question... If your new wire had a jacket of the usual thickness then the loss of velocity factor would be on the order of 3% compared to the usual 983/F or 300/F... Given that it is a thick jacket I would guess the VF to be down by 5%... So take what ever formula you are working with to determine antenna length and reduce that length by 5% for cutting your wire to resonance...

denny / k8do

1980. Re: Stripped off coax velocity factor

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 13:36:49 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <RTG3h.2093$vP1.1605@newssvr13.news.prodigy.com>
Source record: 49954

PaoloC wrote:
> I am left with the inner conductor and what was the dielectric, now
> performing as an insulator around my wire.
>
> What is the resulting velocity factor?
> * 83%, as the original cable
> * 100%, copper's
> * something else?

Something else. EZNEC will even model it for you.
The user can set the dielectric constant and
thickness of the dielectric in the "wires" menu.
For instance, 0.1" of polyethylene insulation
on #14 copper wire lowers the resonant frequency
of an 80m dipole by about 5%.
--
73, Cecil http://www.w5dxp.com

1981. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 13:42:10 UTC
From: X-rated Vermonter <k1xvnospam@arrl.net>
Message-ID: <pleuk2dkp1h6fbqnbe3kv6f3n5vt2qm9b4@4ax.com>
Source record: 49955
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On 6 Nov 2006 04:47:07 -0800, k4yz_03@yahoo.com wrote:

>
>X-rated Vermonter wrote:
>> On 5 Nov 2006 22:58:48 -0800, "K4YZ" <k4yz@aol.com> wrote:
>>
>> >X-rated Vermonter wrote:
>> >
>> >> It just so happens that I passed a 20 wpm code test and I think you
>> >> are a bozo.
>> >
>> > Where's the evidence?
>> >
>> >Steve, K4YZ
>> ++++++++++
>>
>> http://wireless2.fcc.gov/UlsApp/UlsSearch/license.jsp?licKey=236071
>>
>> In May 1997 20 wpm was still in effect.
>>
>> K1XV the X-rated Vermonter
>
> No...Where's the evidence of Slow Code being a bozo...?!?!
>
> (And I passed the 20WPM when I still had to send, too...)
>
>Steve, K4YZ

++++++++++++
I think a review of Slow Code's many posts on this and related issues
make it self evident.

1982. Re: Request for information on phase matching and set / batch matching

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 14:26:53 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1162823212.899157.277040@k70g2000cwa.googlegroups.com>
Source record: 49956

David first let me comment that using lossy coax to make the results look better is muddy thinking at best... Use the lowest loss feed line you can get, period!

Next, check the ARRL Antenna Handbook for a diagram of the equipment and layout for cutting coax to resonance at a given frequency... I have not worked at GPS frequency but the basics are the same at 435 mhz - just harder at the higher frequencies...
A signal generator for driving the coax... Put a 3dB pad on the output of the generator to stabilize the impedence it sees... At the load end of the coax is a resistive load for terminating the coax in its characteristic impedence... An oscilloscope pick up across the load for seeing amplitude and phase... I normally drive the coax at a frequency that makes that coax length an odd 1/4 wave at the test frequency... Then I trim the coax for the voltage minimum...
As far as phase batching the the individual coax pieces after they are cut to frequency I would pick one coax piece as the master..
I would put a splitter on the output of the generator and drive this master coax from one side of the splitter and also drive a test coax off the other side of the splitter... At the load ends of the of the coax pair I would use a dual channel oscilloscope. or vector meter, etc., to compare phase between the load on the end of the master coax and test coax, repectively......

Now, having said that let me comment that unless you are using hard coax, I suspect at GPS frequencies just routing two flexible coax cables around the innards of a piece of electronic gear will introduce enough internal mechanical distortion to cause phase variations at the load ends... I may be wrong but that is my suspicion..

denny / k8do

David wrote:
> Can anyone post any informationon or web addresses on phase matching and
> batch / set matching of coax cables? I am interested in principles and
> procedures to phase match coax cables. Phase matching involves cutting coax
> cables to the same electrical length. The phase matched cables can then be
> analysed and put into batches or sets i.e. cables with similar
> characteristics and frequency response are put into a set. What would be
> analysed to form a set?
>
> This practice is used on coax cables that feed antennas for satellite
> systems. For example, if several antennas receive GPS signals, to
> triangulate position, the GPS signals must all arrive at a particular point
> at exactly the same time.

>
> It also appears that going for the best quality low loss cable can actually
> be worse, because using lower quality coax cable with some loss can dampen
> the reflections from in-line connectors.
>
> Stages are 1) phase matching 2) batch matching 3) assemble cables chosen by
> batch matching process onto RF system and perform vector generation. A
> vector gen file is created which is a calibration snapshot of the system
> i.e. records the RF performance in the form of a signature or footprint.
>
> Measuring instrument is a Network Analyser HP8753.

1983. Re: N1LO HF mobile antenna part question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 15:23:04 UTC
From: chuck <nospam@nospam.net>
Message-ID: <1162826913_30899@sp6iad.superfeed.net>
Source record: 49957

Ed wrote:
>> I've had no response either. One last
>> shot in the dark might be N1LO@arrl.org.
>> Might work if he's a member.
>>
>
>
> Did that days ago. It did not bounce, but no response so far. Maybe
> he's on vacation? No biggie. As Mike responded, I could always send
> him a snail mail....
>
>
> Ed

Just heard from Mark. He suggests trying
this one:

hey_nylo@yahoo.com

Good luck!

Chuck

1984. Re: receiving HF antenna for urban conditions

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 16:39:10 UTC
From: Dave Oldridge <doldridg@leavethisoutshaw.ca>
Message-ID: <Xns98735802EDA1Cdoldridgsprintca@64.59.135.159>
Source record: 49958

"Toni" <devegades@gmail.com> wrote in
news:1162759719.931600.298950@m73g2000cwd.googlegroups.com:

>
> Dave Oldridge wrote:
>>
>> I'm using an 8 foot mobile hamstick horizontal off my back balcony in
>> a 2nd floor apartment. The noise is a problem, but I can mitigate it
>> quite a bit with my MFJ-1026 which allows me to have a second receive
>> antenna and beat it against the main transceiver antenna for the
>> purpose of phasing out the noise.
>>
>
> That's an interesting possibility but probably not useful for
> multiband operation considering the antennas will be at the roof which
> is 4 stories (is that the right word?) above my apartment. But makes
> me think of some kind of close phased small monopoles with a separate
> preamplifier for each and the phasing network down at the apartment.
> Will try to do some modeling and see if it is doable. Reminds me of
> the Flag/Pennant antenna. Probably too big.

Actually, any small wire whip just base fed out on the roof would do for
the noise antenna. It doesn't have to be efficient, since the unit has a
pretty high gain preamp in it for the noise antenna.

--
Dave Oldridge+
ICQ 1800667

1985. sc conitues crapathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 17:09:48 UTC
From: Mark@kb9rqz.aprs
Message-ID: <f1ruk2touge81hsnqjrrahlslaigvqnsg0@4ax.com>
Source record: 49959
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On 5 Nov 2006 22:58:48 -0800, "K4YZ" <k4yz@aol.com> wrote:

>X-rated Vermonter wrote:
>
>> It just so happens that I passed a 20 wpm code test and I think you
>> are a bozo.
>
> Where's the evidence?
where the eveidence you passed one

indeed based on the standard reasoning of the PrOcders one must
conclude that you are the result of a code waiver or some other form
of cheating
>
>Steve, K4YZ
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1986. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 17:10:35 UTC
From: Mark@kb9rqz.aprs
Message-ID: <f3ruk2134dup0jhl4eiau0v3bik812lsif@4ax.com>
Source record: 49960
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Mon, 06 Nov 2006 08:42:10 -0500, X-rated Vermonter
<k1xvnospam@arrl.net> wrote:

>On 6 Nov 2006 04:47:07 -0800, k4yz_03@yahoo.com wrote:
>
>>
>>X-rated Vermonter wrote:
>>> On 5 Nov 2006 22:58:48 -0800, "K4YZ" <k4yz@aol.com> wrote:
>>>
>>> >X-rated Vermonter wrote:
>>> >
>>> >> It just so happens that I passed a 20 wpm code test and I think you
>>> >> are a bozo.
>>> >
>>> > Where's the evidence?
>>> >
>>> >Steve, K4YZ
>>> ++++++++++
>>>
>>> http://wireless2.fcc.gov/UlsApp/UlsSearch/license.jsp?licKey=236071
>>>
>>> In May 1997 20 wpm was still in effect.
>>>
>>> K1XV the X-rated Vermonter
>>
>> No...Where's the evidence of Slow Code being a bozo...?!?!
>>
>> (And I passed the 20WPM when I still had to send, too...)
>>
>>Steve, K4YZ
>
>++++++++++++
>I think a review of Slow Code's many posts on this and related issues
>make it self evident.
exchanges like this make the notion SC is K4YZ look awfully likely
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1987. Re: N1LO HF mobile antenna part question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 17:13:31 UTC
From: Ed <Huckleberry_REMOVE_@bigvalley.net>
Message-ID: <Xns98735E8B2905Espectrumhogstarbandn@198.186.192.196>
Source record: 49962

> Just heard from Mark. He suggests trying
> this one:
>
> hey_nylo@yahoo.com
>
> Good luck!
>
> Chuck
>

Thanks, but Did you really mean "nylo" as in nylon ?

Ed

1988. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 17:16:24 UTC
From: kd5sak <kd5sak@sbcglobal.net>
Message-ID: <I5K3h.5831$9v5.448@newssvr29.news.prodigy.net>
Source record: 49961
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

<Mark@kb9rqz.aprs> wrote in message
news:f3ruk2134dup0jhl4eiau0v3bik812lsif@4ax.com...
> On Mon, 06 Nov 2006 08:42:10 -0500, X-rated Vermonter
> <k1xvnospam@arrl.net> wrote:
>
>>
>>> No...Where's the evidence of Slow Code being a bozo...?!?!
>>>
>>> (And I passed the 20WPM when I still had to send, too...)
>>>
>>>Steve, K4YZ
>>
>>++++++++++++
>>I think a review of Slow Code's many posts on this and related issues
>>make it self evident.
> exchanges like this make the notion SC is K4YZ look awfully likely

Prototypical example of the old saying, "A Legend In His Own Mind".

Harold
KD5SAK

1989. slowcode crapathon coninues

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 17:18:44 UTC
From: Mark@kb9rqz.aprs
Message-ID: <3iruk299uc9oshhl5ilj2g2jgi983sobdo@4ax.com>
Source record: 49963
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On 6 Nov 2006 00:03:19 -0800, "K4YZ" <stevenrobeson@aol.com> wrote:

>
>Slow Code wrote:
>> mcalhoun@ksu.edu wrote in news:eifvjh$ced@unix1.cc.ksu.edu:
>>
>> > <<<.... How about Belden 9913? Of course, the construction of that
>> > line <<<is "different" enough that it would be hard to mistake it for
>> > something <<<else, and I assume ....
>> >
>> > << For those of us who never noticed -- or never recognized -- the
>> > << 9913 differences in the first place, could you please explain....
>> >
>> > <The outside diameter of the cable, like .195, .240, .260, .405,... and
>> > the
>> >>gage of the center conductor, like #10, 14, 16, 18, stranded or solid.
>> >
>> > I don't understand. Are you saying 9913 has been made in ALL
>> > of those different sizes and with ALL of those different center-
>> > conductor gauges?
>>
>> Just go to Radio Shack. You can exchange blank stares with the clerk.
>
>BBBBWWWHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHA
>HAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHA
>HAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHA
>HAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHA
>HAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHA
>!!!
!!!
>
> R O T M F F L M M F A O ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !
>
> I haven't laughed that hard in a while!

yes we know you like degrading everyione arround you
>
> Thanks!
>
>Steve, K4YZ
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1990. Re: N1LO HF mobile antenna part question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 17:21:22 UTC
From: chuck <nospam@nospam.net>
Message-ID: <1162834011_31997@sp6iad.superfeed.net>
Source record: 49964

Ed wrote:
>> Just heard from Mark. He suggests trying
>> this one:
>>
>> hey_nylo@yahoo.com
>>
>> Good luck!
>>
>> Chuck
>>
>
>
> Thanks, but Did you really mean "nylo" as in nylon ?
>
>
>
> Ed

Well, I wondered about that. I did a
copy and paste, so that is exactly as he
wrote it. Unusual, eh?

Chuck

-----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

1991. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 17:33:35 UTC
From: Mark@kb9rqz.aprs
Message-ID: <3esuk2dcb1sl3koct13tdh5olo79t546nl@4ax.com>
Source record: 49965
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Mon, 06 Nov 2006 17:16:24 GMT, "kd5sak" <kd5sak@sbcglobal.net>
wrote:

>
><Mark@kb9rqz.aprs> wrote in message
>news:f3ruk2134dup0jhl4eiau0v3bik812lsif@4ax.com...
>> On Mon, 06 Nov 2006 08:42:10 -0500, X-rated Vermonter
>> <k1xvnospam@arrl.net> wrote:
>>
>>>
>>>> No...Where's the evidence of Slow Code being a bozo...?!?!
>>>>
>>>> (And I passed the 20WPM when I still had to send, too...)
>>>>
>>>>Steve, K4YZ
>>>
>>>++++++++++++
>>>I think a review of Slow Code's many posts on this and related issues
>>>make it self evident.
>> exchanges like this make the notion SC is K4YZ look awfully likely
>
>Prototypical example of the old saying, "A Legend In His Own Mind".
>
>Harold
>KD5SAK
>
indeed and with the annymouse he is not vulerable to attacks himself
but if you poke at his sockpuppets long enough he come and explodes
all over the NG
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1992. Re: N1LO HF mobile antenna part question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 18:00:39 UTC
From: Ed <Huckleberry_REMOVE_@bigvalley.net>
Message-ID: <Xns98736688DEA57spectrumhogstarbandn@198.186.192.196>
Source record: 49966

> Well, I wondered about that. I did a
> copy and paste, so that is exactly as he
> wrote it. Unusual, eh?

Yes. I emailed him at that address about a half hour ago and it hasn't bounced back yet!

Ed

1993. Re: Request for information on phase matching and set / batch matching

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 18:04:51 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <0dtuk25u8vuce4f1vtc5sedmiq45bjsgq9@4ax.com>
Source record: 49967

On 6 Nov 2006 06:26:53 -0800, "Denny" <k8do@mailblocks.com> wrote:

>A signal generator for driving the coax... Put a 3dB pad on the output
>of the generator to stabilize the impedence it sees...

Hi Denny, and student,

This pad should exhibit a 50 Ohm load to the source, and a 50 Ohm load
to the line. This is usually a T-Pad.

>At the load end
>of the coax is a resistive load for terminating the coax in its
>characteristic impedence...

This is good advice, which, unfortunately is thwarted by the advice
for:
>An oscilloscope pick up across the load for
>seeing amplitude and phase...
Wrong. At frequencies above 50MHz (or 200MHz for the best of
equipment), you should always use a 50 Ohm load to the input of the
O'scope - NOT a probe, or link.

>I normally drive the coax at a frequency
>that makes that coax length an odd 1/4 wave at the test frequency...

Odd Eighth wave is much better as transformations will be far easier
to measure - and easier is indicative of available accuracy. Quarter
and Half waves do offer convenience when you terminate in opens and
shorts, but with other loads (other than the characteristic Z of the
line), Eighth wave is preferable.

As for Half or Quarter Wave choices, short the far end. Open
terminations are problematic. Measuring a open/short termination
transformed as a short is preferred. Hence, the best configuration is
a shorted Half Wave line.

>Then I trim the coax for the voltage minimum...
>As far as phase batching the the individual coax pieces after they are
>cut to frequency I would pick one coax piece as the master..
>I would put a splitter on the output of the generator and drive this
>master coax from one side of the splitter and also drive a test coax
>off the other side of the splitter... At the load ends of the of the
>coax pair I would use a dual channel oscilloscope. or vector meter,
>etc., to compare phase between the load on the end of the master coax
>and test coax, repectively......

This is taxing the resources of equipment at 1GHz. The method is informative, but it does not reveal the accumulation of error (and our student hasn't actually expressed how accurate these matches need to be).

>Now, having said that let me comment that unless you are using hard
>coax, I suspect at GPS frequencies just routing two flexible coax
>cables around the innards of a piece of electronic gear will introduce
>enough internal mechanical distortion to cause phase variations at the
>load ends... I may be wrong but that is my suspicion..

Think of quarter wave radius sweeps.

73's
Richard Clark, KB7QHC

1994. Re: Request for information on phase matching and set / batch matching

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 19:19:11 UTC
From: K7ITM <k7itm@msn.com>
Message-ID: <1162840751.714467.188360@k70g2000cwa.googlegroups.com>
Source record: 49968

David wrote:
> Can anyone post any informationon or web addresses on phase matching and
> batch / set matching of coax cables? I am interested in principles and
> procedures to phase match coax cables. Phase matching involves cutting coax
> cables to the same electrical length. The phase matched cables can then be
> analysed and put into batches or sets i.e. cables with similar
> characteristics and frequency response are put into a set. What would be
> analysed to form a set?
>
> This practice is used on coax cables that feed antennas for satellite
> systems. For example, if several antennas receive GPS signals, to
> triangulate position, the GPS signals must all arrive at a particular point
> at exactly the same time.
>
> It also appears that going for the best quality low loss cable can actually
> be worse, because using lower quality coax cable with some loss can dampen
> the reflections from in-line connectors.
>
> Stages are 1) phase matching 2) batch matching 3) assemble cables chosen by
> batch matching process onto RF system and perform vector generation. A
> vector gen file is created which is a calibration snapshot of the system
> i.e. records the RF performance in the form of a signature or footprint.
>
> Measuring instrument is a Network Analyser HP8753.

I suppose you left out some (rather important) stages...

The first one I'd put down is: select the cable. The physical design of the cable is important. Some cable changes appreciably when it flexes, and some changes appreciably as temperature changes. (If it changes significantly when the humidity changes, you've REALLY picked the wrong cable...) Cable with properly installed, high quality connectors should not show significant reflections from the connectors, and even if it does, if all the cables are assembled the same, the effect should be the same on all of them.

Cable of a given physical size and general construction should have close to the same loss. If you want MORE loss, pick SMALLER cable, and especially pick cable with smaller inner conductor. Stranded conductors also help increase the loss. But if you have two similarly designed cables, and one shows appreciably more loss at GHz frequencies, definitely avoid it. The key reason is that whatever is causing the loss is likely the result of a poorly controlled manufacturing process, and that's something you do NOT want to put up with in precision matched cable assemblies.

What exactly do you want to match? Phase as a function of frequency, over some particular range of frequencies? Attenuation, also over the range of frequencies? Something else? Some combination of characteristics? I would expect it would depend on the application. If you assume that the cable assemblies are linear, and that they are adequately represented for your application by a two-port model, then measure them with your vector network analyzer. Especially since you are going for MATCHING and apparently don't need absolute accuracy, let the analyzer (powered on) and the cables stabilize in the stable environment where you'll measure them, do a reasonable job calibrating the analyzer, measure each of the cables (S11, S21, S12, S22, over your range of frequencies), check the calibration of the VNA, remeasure the cables (or at least spot-check them) to be sure you get the same results the second time. If all is good, arrange the cables using whatever measure of match you need for your application. If you need matching over a range of temperatures, or where one cable is at a different temperature than the others, measure under those conditions. Note that if there are measurement errors, if your technique is consistent, those errors should be very nearly the same for each cable that measures the same: matching will be better than absolute accuracy.

Note that if you are measuring completed assemblies over a range of frequencies, you likely won't have the option of picking an "odd number of 1/8 wavelengths," or any other particular number of degrees, for your measurement. Let's say your cables are 10 nanoseconds long (a couple meters). If you want to check the match from 1.6GHz to 1.7GHz, a rather narrow range, the cable length varies by 360 degrees. But that doesn't matter: for matching, it's the repeatability of the measurement that does matter. If you get to caring about absolute accuracy, check the accuracy specs of your instrument, and read ap notes...

Have you checked for HP and/or Agilent and/or Rohde & Schwarz and/or Anritsu (and perhaps some others) ap notes? I know for sure that there are a lot of them from Agilent (which may have originally been written at HP, before Agilent split off). Since you are using an HP8753, give you local Agilent sales rep a call if you can't find the ap notes on the web, and ask her/him for applications information.

Cheers,
Tom

1995. Re: Stripped off coax velocity factor

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 20:01:19 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12kv54jsbg3tq4c@corp.supernews.com>
Source record: 49969

The term "velocity factor" usually applies to a transmission line which has two conductors. (I'll exclude the "G line" and variations from this discussion.) Velocity factor describes the speed of propagation of the differential field between the two conductors (including any fringing), and is equal to 1/sqrt(keff) where keff is the effective dielectric constant of the material in which the field is propagating. If some of the field is in air and some in another dielectric, the effective dielectric constant will be some value lower than that of the other dielectric.

In a coaxial cable, the entire field is confined between the conductors -- inner conductor and shield -- so the effective dielectric constant is that of the insulating material. In the case of your coax, the insulating material is a combination of air and plastic, with an overall effective dielectric constant of 1/(0.83)^2 ~ 1.45. When the shield is in place, this is the effective dielectric constant for the field, and it determines the velocity factor.

When you remove the shield and excite a transmission-line mode of propagation, the wire is one conductor of the line. The other is effectively the Earth, another half of a dipole antenna, and/or other nearby conductors. It should be apparent that the vast majority of the field between the conductors is now air. Consequently, the effective dielectric constant for the field is very nearly 1 -- that of air -- and the velocity of propagation of the transmission line mode is very nearly one. The actual value depends on the thickness and dielectric constant of of the wire and dielectric and the spacing to other other conductors. In practice, the in effective length between insulated and uninsulated wire in an antenna ends up being around 2 - 3% for typical insulating layers. EZNEC has the ability to include a thin insulating layer on a wire, so you can use it to find the difference in resonant frequency of, say, a dipole with and without the insulation and from that infer a "velocity factor" change caused by the insulation. The use of that term for propagation on a radiating wire is a bit outside the use generally accepted in the professional community. It seems to be a common use among amateurs, however. If you want to use that term in this context, a representative typical value would then be 97 - 98%.

Roy Lewallen, W7EL

PaoloC wrote:
> Hi,
> I cannot come up with an answer.
>
> Let's say I have a coax cable with 83% velocity factor. I want to use

> its inner conductor (that is solid copper single conductor) so I remove
> the outer sheath and the braid.
>
> I am left with the inner conductor and what was the dielectric, now
> performing as an insulator around my wire.
>
> What is the resulting velocity factor?
> * 83%, as the original cable
> * 100%, copper's
> * something else?
>
> I have experienced that wire dipoles and verticals built with insulated
> electric wire have a final length shorter than the theoretical value. I
> "suspected" the PVC coating to vary the velocity factor. Am I wrong?
>
> Thank you in advance for your hints.
> Paolo IK1ZYW
>

1996. Re: Request for information on phase matching and set / batch matching

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 20:41:56 UTC
From: David <nospam@nospam>
Message-ID: <eeqdnYOOAJuLA9LYRVnyjA@bt.com>
Source record: 49970

What sort of mode should be used on a Network Analyser for phase matching? Should it be some sort of Time Domain Reflectometer mode?

Input impedance of network analyser is 50 ohms. Many cables are 75 ohms impedance. For tests on these, a 75 ohm to 50 ohm converter or adaptor is used. Adaptor name is something like 'min loss pad'.

My application is a system that checks the RF performance of a Unit Under Test (UUT). The test cables that mate with the UUT are longer than the UUT, so the aim is to get the cables to be exactly the same. This is reason for phase and batch matching - to avoid differential error.

Because a lot of cables are analysed, the analysis is performed by computer which connects to Network Analyser. What data sets e.g. S12 should be compared by the Network Analyser to batch match the cables?

Cables have different connectors on end, but still have to be batch matched. Have you any suggestions about this? Cables all have SMA connector at one end. At other end, the connector can be 1) SMA 2) 50 ohm N type 3) coax contact in circular connector.

Normally, phase matched cables are all made from same coax drum. Ensure coax comes in on one big drum, not lots of small drums that may have been made at different times using different processes (e.g. different operator or machine setting).

Cables are batch matched and assembled. If several years later, a cable breaks, how do I get a replacement batch matched cable to repair system? Although, I would have kept spare cables from original build, the cables on the system will have been subject to a different environment e.g. different stresses and humidity.

Another scenario. RF cable is built in slightly more humid environment, resulting in more moisture in dielectric. Vector gen run and passes. Cable dries out becoming much better. Vector gen then fails. It appears that a cable can become too good.

1997. recap

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 21:32:45 UTC
From: Mark@kb9rqz.aprs
Message-ID: <454f9d18$0$12094$88260bb3@free.teranews.com>
Source record: 49971
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.shortwave,rec.radio.swap

1) I was draft into the US Army.
2) I is a member of the Chemcal Cops
3) The military wont let me retire.
4) I dosn't serve under the name 'Mark Morgan but that's okay cuz theFBI,
DOD, and CIA have al todl me I candodit.
5) I is on-the-lam from stalking former marines and fatal
atraction four ex-shemale wife almoney
6) I was recenty, paying $5/hr. to acess my ISP
7) I has a 248 IQ, but cant figre out how touse a spel checker.
8) I is a bi-sexual Pagan male ham who like to be spanked.
9) I can't find any action on the military base in Central IL, so I hav to
ask the peple on th USNET.
http://www.marksspamblog.blogspot.com/

10) I punce gotcha

--
Posted via a free Usenet account from http://www.teranews.com

1998. id theft remainsa crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 21:34:21 UTC
From: Mark@kb9rqz.aprs
Message-ID: <5iavk2tt559u5j34bpgk05cl9nhq1lcsp7@4ax.com>
Source record: 49972
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.shortwave,rec.radio.swap

On Mon, 6 Nov 2006 16:32:45 -0500, <Mark@kb9rqz.aprs> wrote:

>

and remains so to this day
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

1999. Re: Request for information on phase matching and set / batch matching

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 21:50:34 UTC
From: K7ITM <k7itm@msn.com>
Message-ID: <1162849834.315986.317290@f16g2000cwb.googlegroups.com>
Source record: 49973

So--is this a homework assignment?

David wrote:
> What sort of mode should be used on a Network Analyser for phase matching?
> Should it be some sort of Time Domain Reflectometer mode?

Since the VNA operates "native" in the S-domain, I would recommend just doing S-parameter measurements. I believe you will find that all other measurements are derived from the measured S parameters. As I wrote before, if you believe that the cables are adequately represented by a linear two-port model, then the S-parametes tell you everything you need to know. (But a two-port model may not be adequate.) Caveat: be sure to measure them over a wide enough frequency range that you are sure that there is no phase ambiguity. VNAs typically do not distinguish among 0 degrees, -360 degrees, +360 degrees, +720 degrees. But the slope of phase versus frequency is pretty much a give-away clue.
>
> Input impedance of network analyser is 50 ohms. Many cables are 75 ohms
> impedance. For tests on these, a 75 ohm to 50 ohm converter or adaptor is
> used. Adaptor name is something like 'min loss pad'.

OK, noted. If you are doing a lot of 75 ohm testing, you may perhaps want to get a 75 ohm VNA.
>
> My application is a system that checks the RF performance of a Unit Under
> Test (UUT). The test cables that mate with the UUT are longer than the UUT,
> so the aim is to get the cables to be exactly the same. This is reason for
> phase and batch matching - to avoid differential error.

I'm not clear on what you're saying here. If you think that simply matching the pair of cables that go from your HP8753 VNA's Port 1 and Port 2 to the UUT will yield accurate test results on the UUT, you are sadly mistaken. To begin with, there is no need that the cables be matched in impedance, physical or electrical length, or loss. They may even have impedance irregularities, and things will still work. What will work _best_ is if they are low loss and stable. There definitly IS an Agilent/HP ap note about this sort of thing. What is important, if you want accurate absolute measurements on your UUT, is that you CALIBRATE the test system, including the VNA, the cables, and whatever else you have to connect up to the UUT. Modern VNAs, and in particular the HP/Agilent 8753, are designed to be calibrated at some plane in general remote from the VNA's ports, to automatically remove the effects of whatever cables you use to connect to your UUT.
>

> Because a lot of cables are analysed, the analysis is performed by computer
> which connects to Network Analyser. What data sets e.g. S12 should be
> compared by the Network Analyser to batch match the cables?

OK, back to matching cables: what you match is up to you. YOU decide
what's important. YOU may wish to put together a "cost function" that
accounts for how badly you want each parameter matched. What is
important in your particular application? You have four
two-dimensional parameters to deal with: S11, S12, S21, S22.
Presumably on a passive line, S11=S22 and S21=S12...
>
> Cables have different connectors on end, but still have to be batch matched.
> Have you any suggestions about this? Cables all have SMA connector at one
> end. At other end, the connector can be 1) SMA 2) 50 ohm N type 3) coax
> contact in circular connector.

And you are trying to match cables with different connectors? That is,
you're trying to match one cable with an SMA and an N, to another with
two SMAs? Good luck! How do you then define where each cable ends?
There are ways to do it, but it's going to depend on just what you are
trying to accomplish in the end.

If you're only trying to match cables of one type with others of the
same type, what's the problem? You can put in whatever adapters you
need, and measure the cables. For matching, what's important is that
they are the SAME, not that they are some absolute value.
>
> Normally, phase matched cables are all made from same coax drum. Ensure coax
> comes in on one big drum, not lots of small drums that may have been made at
> different times using different processes (e.g. different operator or
> machine setting).

And you have control over this? And you'll maintain control over
this when they cables end up being manufactured by a CM overseas? You
may well end up spending all your time just making sure they put the
connectors on the cable properly. Anyway, if it ends up not affecting
your final yield, does it really matter? Maybe you should just buy the
raw cable from a vendor that has taken to heart the idea that process
control is key. That vendor's cable may well be more consistent from
reel to reel than another's is within a single reel.
>
> Cables are batch matched and assembled. If several years later, a cable
> breaks, how do I get a replacement batch matched cable to repair system?
> Although, I would have kept spare cables from original build, the cables on
> the system will have been subject to a different environment e.g. different
> stresses and humidity.

You want them matched? Buy a new set. If one broke, and they are all
subject to roughly the same conditions, the others are most likely near
(or beyond) the end of their service life. If there are stresses on
them that can change them, and if matching is important, why have you
not set up a calibration cycle on them? If you kept a spare or spares

of the set, why did you not cycle those through the active set on a regular basis, if you think that they will be affected by whatever environment the active set is subject to? If, for example, they are bundled, why not just include the spare(s) in the bundle, terminated in dummy connectors, so they are always ready to go? There are solutions for what you suggest. There are undoubtedly engineering (technical, cost, ...) tradeoffs among the different solutions. Evaluate them against the application and pick one. If you discover you picked the wrong one, learn from the mistake and do it differently the next time.

> Another scenario. RF cable is built in slightly more humid environment,
> resulting in more moisture in dielectric. Vector gen run and passes. Cable
> dries out becoming much better. Vector gen then fails. It appears that a
> cable can become too good.

If you're worried about that, why have you not set up a calibration in the "vector gen" that takes care of it? (The dielectrics and jackets on cables properly chosen for the application should not have a problem with humidity. Also, consider where most of the loss in coaxial cable is...)

Your questions sound a lot like they are spurred by a homework assignment; they are too broad it seems to be targetting a particular application. That's all OK, but at some point, you have to get down to the tradeoffs for a specific application, and make your choices based on that--on what you have control over, on what the specific needs are, on the costs ($, time, other resources, ...) associated with various solutions.

Cheers,
Tom

2000. Re: Stripped off coax velocity factor

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 22:21:22 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1162851682.622159.164300@b28g2000cwb.googlegroups.com>
Source record: 49974

Hmm, that is new to me Roy... So what is the professional term for the velocity of a wave propagating along an unterminated antenna wire?

As far as the G-string, I took great interest in their characteristic velocity in my younger days...

denny

2001. Re: Request for information on phase matching and set / batch matching

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 22:52:22 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <9kevk2dh2ec1qnrnf4jrtpln9qtcmtlecb@4ax.com>
Source record: 49975

On 6 Nov 2006 13:50:34 -0800, "K7ITM" <k7itm@msn.com> wrote:

>> Normally, phase matched cables are all made from same coax drum. Ensure coax
>> comes in on one big drum, not lots of small drums that may have been made at
>> different times using different processes (e.g. different operator or
>> machine setting).
>
>... That vendor's cable may well be more consistent from
>reel to reel than another's is within a single reel.

Hi Both,

This has all the hallmarks of a mutual suicide pact.

The right source for matched lines is from a vendor such as:
http://www.micro-coax.com/pages/products/ProductTypes/CableTypes/Semi-RigidCoaxialCable.asp
where a specific example has sub percent tolerances:
http://www.micro-coax.com/pages/products/ProductTypes/CableTypes/Semi-RigidCoaxial/Semi-RigidDetails.asp?ID=UT-390C

And the question remains:
"What is the degree of matching?"

The answer to this spans cables from Radio Shack, to the provider
offered above who specializes in precision.

73's
Richard Clark, KB7QHC

2002. Re: Stripped off coax velocity factor

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-06 23:54:15 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12kvipbm4frc3d4@corp.supernews.com>
Source record: 49876

Denny wrote:
> Hmm, that is new to me Roy... So what is the professional term for the
> velocity of a wave propagating along an unterminated antenna wire?

The velocity is simply the speed of light if the wire is uninsulated (except, of course, for traveling wave antennas like a Beverage, where transmission line type analysis and "velocity factor" are appropriate). Analysis of antennas made from insulated wire is rare, and perhaps "velocity factor" is used in that case.

When using a transmission line analogy to explain antenna operation (more-or-less but not completely accurately), the model usually assumes speed of light propagation along the line, then a load at the end which effects the shortening of the resonant length.

> . . .

Roy Lewallen, W7EL

2003. Re: Stripped off coax velocity factor

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 00:56:18 UTC
From: sailtamarack@yahoo.ca
Message-ID: <1162860978.605877.325750@e3g2000cwe.googlegroups.com>
Source record: 49877

Roy,

That was an informative post and I want to say thanks for taking the
time and effort to write your reply.

Regards - Roger

Roy Lewallen wrote:
> The term "velocity factor" usually applies to a transmission line which
> has two conductors. (I'll exclude the "G line" and variations from this
> discussion.) Velocity factor describes the speed of propagation of the
> differential field between the two conductors (including any fringing),
> and is equal to 1/sqrt(keff) where keff is the effective dielectric
> constant of the material in which the field is propagating. If some of
> the field is in air and some in another dielectric, the effective
> dielectric constant will be some value lower than that of the other
> dielectric.
>
> In a coaxial cable, the entire field is confined between the conductors
> -- inner conductor and shield -- so the effective dielectric constant is
> that of the insulating material. In the case of your coax, the
> insulating material is a combination of air and plastic, with an overall
> effective dielectric constant of 1/(0.83)^2 ~ 1.45. When the shield is
> in place, this is the effective dielectric constant for the field, and
> it determines the velocity factor.
>
> When you remove the shield and excite a transmission-line mode of
> propagation, the wire is one conductor of the line. The other is
> effectively the Earth, another half of a dipole antenna, and/or other
> nearby conductors. It should be apparent that the vast majority of the
> field between the conductors is now air. Consequently, the effective
> dielectric constant for the field is very nearly 1 -- that of air -- and
> the velocity of propagation of the transmission line mode is very nearly
> one. The actual value depends on the thickness and dielectric constant
> of of the wire and dielectric and the spacing to other other conductors.
> In practice, the in effective length between insulated and uninsulated
> wire in an antenna ends up being around 2 - 3% for typical insulating
> layers. EZNEC has the ability to include a thin insulating layer on a
> wire, so you can use it to find the difference in resonant frequency of,
> say, a dipole with and without the insulation and from that infer a
> "velocity factor" change caused by the insulation. The use of that term
> for propagation on a radiating wire is a bit outside the use generally
> accepted in the professional community. It seems to be a common use
> among amateurs, however. If you want to use that term in this context, a
> representative typical value would then be 97 - 98%.

>
> Roy Lewallen, W7EL
>
> PaoloC wrote:
> > Hi,
> > I cannot come up with an answer.
> > >
> > Let's say I have a coax cable with 83% velocity factor. I want to use
> > its inner conductor (that is solid copper single conductor) so I remove
> > the outer sheath and the braid.
> > >
> > I am left with the inner conductor and what was the dielectric, now
> > performing as an insulator around my wire.
> > >
> > What is the resulting velocity factor?
> > * 83%, as the original cable
> > * 100%, copper's
> > * something else?
> > >
> > I have experienced that wire dipoles and verticals built with insulated
> > electric wire have a final length shorter than the theoretical value. I
> > "suspected" the PVC coating to vary the velocity factor. Am I wrong?
> > >
> > Thank you in advance for your hints.
> > Paolo IK1ZYW
> > >

2004. Re: "Slow Code"...I Owe You A Cold One! Thanks!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 00:58:25 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <RSQ3h.3074$l25.2410@newsread4.news.pas.earthlink.net>
Source record: 49878
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

Mark in the Dark, wrote in
news:3iruk299uc9oshhl5ilj2g2jgi983sobdo@4ax.com:

> On 6 Nov 2006 00:03:19 -0800, "K4YZ" <stevenrobeson@aol.com> wrote:
>
>>
>>Slow Code wrote:
>>> mcalhoun@ksu.edu wrote in news:eifvjh$ced@unix1.cc.ksu.edu:
>>>
>>> > <<<.... How about Belden 9913? Of course, the construction of that
>>> > line <<<is "different" enough that it would be hard to mistake it
>>> > for something <<<else, and I assume ....
>>> >
>>> > << For those of us who never noticed -- or never recognized -- the
>>> > << 9913 differences in the first place, could you please explain....
>>> >
>>> > <The outside diameter of the cable, like .195, .240, .260, .405,...
>>> > and the
>>> >>gage of the center conductor, like #10, 14, 16, 18, stranded or
>>> >>solid.
>>> >
>>> > I don't understand. Are you saying 9913 has been made in ALL
>>> > of those different sizes and with ALL of those different center-
>>> > conductor gauges?
>>>
>>> Just go to Radio Shack. You can exchange blank stares with the clerk.
>>
>>BBBBWWWHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHA
>>HAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHA
>>HAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHA
>>HAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHA
>>HAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHA
>>!!
>>!!
>>!!!!!!!!!!!!!!!!!!!!!
>>
>> R O T M F F L M M F A O ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !
>>
>> I haven't laughed that hard in a while!
>
> yes we know you like degrading everyione arround you

Shut up Markie. You can't even spell 'coax.'

SC

2005. Re: ARS License Numbers

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 00:58:30 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <WSQ3h.3078$l25.609@newsread4.news.pas.earthlink.net>
Source record: 49879
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

N2EY@AOL.COM wrote in
news:1162811237.244017.201580@k70g2000cwa.googlegroups.com:

> These are the numbers of current, unexpired
> amateur radio licenses held by individuals
> on the stated dates, and the percentage of
> the total number of active licenses that
> class contains:
>
> As of May 14, 2000:
>
> Novice - 49,329 (7.3%)
> Technician - 205,394 (30.4%)
> Technician Plus - 128,860 (19.1%)
> General - 112,677 (16.7%)
> Advanced - 99,782 (14.8%)
> Extra - 78,750 (11.7%)
>
> Total Tech/TechPlus - 334,254 (49.5%)
>
> Total General/Advanced/Extra - 291,209 (43.2%)
>
> Total all classes - 674,792
>
> As of November 1, 2006:
>
> Novice - 24,154 (3.7%) [decrease of 25,175]
> Technician - 287,444 (43.7%) [increase of 82,050]
> Technician Plus - 34,786 (5.3%) [decrease of 94,074]
> General - 131,994 (20.1%) [increase of 19,317]
> Advanced - 70,607 (10.7%) [decrease of 29,175]
> Extra - 108,563 (16.5%) [increase of 29,813]
>
> (percentages may not add up to exactly 100.0% due to rounding)
>
> Total Tech/TechPlus - 322,230 (49.0%) [decrease of 12,024]
>
> Total General/Advanced/Extra - 311,164 (47.3%) [increase of 19,955]
>
> Total all classes - 657,548 (decrease of 17,244)
>
> Note that these totals do not include licenses
> that have expired but are in the grace period.

>
> They also do not include club, military
> or other station-only licenses.
>
> Note also that effective April 15, 2000, new
> Novice, Technician Plus and Advanced licenses
> are no longer issued.
>
> Since April 15, 2000, FCC has renewed all existing
> Technician Plus licenses as Technician. By May of
> 2010, the number of Technician Plus licenses will drop
> to zero, because all of them will have been renewed as
> Technician or allowed to expire. It is therefore
> informative to consider the totals of the two classes,
> since the Technician class includes a significant
> number of Technician Plus licenses renewed as
> Technician.
>
> 73 de Jim, N2EY

Thanks for posting that Jim. Maybe now people will see dumbing down ham radio was a bad idea.

SC

2006. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 00:58:31 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <XSQ3h.3079$l25.2652@newsread4.news.pas.earthlink.net>
Source record: 49881
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

X-rated Vermonter <k1xvnospam@arrl.net> wrote in
news:lh4tk2h7f0elg6ilpcjdh7ma48crfk7cr0@4ax.com:

> On Mon, 06 Nov 2006 01:16:08 GMT, Slow Code <my.mail@no.spam> wrote:
>
>>X-rated Vermonter <k1xvnospam@arrl.net> wrote in
>>news:991tk25h97tilno2df445pvh2ouvbf6oog@4ax.com:
>>
>>> On Sat, 04 Nov 2006 23:58:09 GMT, Slow Code <my.mail@no.spam> wrote:
>>>
>>>>If all the seats are taken at a club meeting and a 20wpm code tested
>>>>Extra is standing, a no-code ham should give their seat to the Extra
>>>>and sit on the floor. After saluting of course.
>>>>
>>>>SC
>>> ++++++++
>>> You have been drinking too much sloe gin.
>>
>>
>>
>>Please wipe the seat after you get off to sit on the floor.
>>
>>Thanks.
>>
>>SC
> +++++++++
> It just so happens that I passed a 20 wpm code test and I think you
> are a bozo.

If you're really a code tested Extra, why do you want to dumb down ham
radio? You should help me push for better radio exams by supporting an
increase in speed of the code requirement. If we can get rid of the
no-codes and nickle hams, test everyone up to 13 and 20wpm, no one will
have to sit on the floor at club meetings anymore.

SC

2007. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 00:58:33 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <ZSQ3h.3080$I25.2060@newsread4.news.pas.earthlink.net>
Source record: 49880
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

"AndyS" <andysharpe@juno.com> wrote in
news:1162817506.291816.175840@h48g2000cwc.googlegroups.com:

>
> Slow Code wrote:
>> If all the seats are taken at a club meeting and a 20wpm code tested
>> Extra is standing, a no-code ham should give their seat to the Extra
>> and sit on the floor. After saluting of course.
>>
>> SC
>
> Andy writes:
>
> A FINE idea. And if the Extra needs to go to the restroom for some
> reason, the no-code should accompany him with a roll of tissue and
> assist in His endeavors.......

I like it, but there's only one problem. No-codes don't use toilet paper.

Somebody is going to have to Elmer them on how to wipe a butt and since
it's your idea....

SC

2008. If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 00:58:41 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <5TQ3h.3087$l25.83@newsread4.news.pas.earthlink.net>
Source record: 49882
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

Don't help the terrorists.

Don't risk getting killed by a bomb or dying in a
collapsing Skyscraper.

Vote Republican, and live.

Tnx, 73
de Slow Code

2009. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 01:14:51 UTC
From: DougSlug <dougslug@hotmail.com>
Message-ID: <j6R3h.862$DK5.124@newsfe12.lga>
Source record: 49883
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

I don't follow that logic. Looking back over the last six years in the
Republican administration I see mostly death, destruction and deficit.
Live, maybe, but live miserably.

I'd vote Republican if it made sense, but it just doesn't right now.

What about Republicans and ham radio?

"Slow Code" <my.mail@no.spam> wrote in message
news:5TQ3h.3087$l25.83@newsread4.news.pas.earthlink.net...
>
> Don't help the terrorists.
>
> Don't risk getting killed by a bomb or dying in a
> collapsing Skyscraper.
>
> Vote Republican, and live.
>
> Tnx, 73
> de Slow Code

2010. slow code continues crapathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 01:36:28 UTC
From: Mark@kb9rqz.aprs
Message-ID: <9oovk2t563p6d54vn0fkb7ugevncojq938@4ax.com>
Source record: 49884
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

On Tue, 07 Nov 2006 00:58:30 GMT, Slow Code <my.mail@no.spam> wrote:

>N2EY@AOL.COM wrote in
>news:1162811237.244017.201580@k70g2000cwa.googlegroups.com:
>
>> These are the numbers of current, unexpired
>> amateur radio licenses held by individuals
>> on the stated dates, and the percentage of
>> the total number of active licenses that
>> class contains:
>>
>> As of May 14, 2000:
>>
>> Novice - 49,329 (7.3%)
>> Technician - 205,394 (30.4%)
>> Technician Plus - 128,860 (19.1%)
>> General - 112,677 (16.7%)
>> Advanced - 99,782 (14.8%)
>> Extra - 78,750 (11.7%)
>>
>> Total Tech/TechPlus - 334,254 (49.5%)
>>
>> Total General/Advanced/Extra - 291,209 (43.2%)
>>
>> Total all classes - 674,792
>>
>> As of November 1, 2006:
>>
>> Novice - 24,154 (3.7%) [decrease of 25,175]
>> Technician - 287,444 (43.7%) [increase of 82,050]
>> Technician Plus - 34,786 (5.3%) [decrease of 94,074]
>> General - 131,994 (20.1%) [increase of 19,317]
>> Advanced - 70,607 (10.7%) [decrease of 29,175]
>> Extra - 108,563 (16.5%) [increase of 29,813]
>>
>> (percentages may not add up to exactly 100.0% due to rounding)
>>
>> Total Tech/TechPlus - 322,230 (49.0%) [decrease of 12,024]
>>
>> Total General/Advanced/Extra - 311,164 (47.3%) [increase of 19,955]
>>
>> Total all classes - 657,548 (decrease of 17,244)
>>

>> Note that these totals do not include licenses
>> that have expired but are in the grace period.
>>
>> They also do not include club, military
>> or other station-only licenses.
>>
>> Note also that effective April 15, 2000, new
>> Novice, Technician Plus and Advanced licenses
>> are no longer issued.
>>
>> Since April 15, 2000, FCC has renewed all existing
>> Technician Plus licenses as Technician. By May of
>> 2010, the number of Technician Plus licenses will drop
>> to zero, because all of them will have been renewed as
>> Technician or allowed to expire. It is therefore
>> informative to consider the totals of the two classes,
>> since the Technician class includes a significant
>> number of Technician Plus licenses renewed as
>> Technician.
>>
>> 73 de Jim, N2EY
>
>
>
>Thanks for posting that Jim. Maybe now people will see dumbing down ham
>radio was a bad idea.
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2011. slow code continues crapathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 01:39:51 UTC
From: Mark@kb9rqz.aprs
Message-ID: <1uovk2p54tm7dus04kpfdj10nanjg5ssj7@4ax.com>
Source record: 49885
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Tue, 07 Nov 2006 00:58:31 GMT, Slow Code <my.mail@no.spam> wrote:

>X-rated Vermonter <k1xvnospam@arrl.net> wrote in
>news:lh4tk2h7f0elg6ilpcjdh7ma48crfk7cr0@4ax.com:
>
>> On Mon, 06 Nov 2006 01:16:08 GMT, Slow Code <my.mail@no.spam> wrote:
>>
>>>X-rated Vermonter <k1xvnospam@arrl.net> wrote in
>>>news:991tk25h97tilno2df445pvh2ouvbf6oog@4ax.com:
>>>
>>>> On Sat, 04 Nov 2006 23:58:09 GMT, Slow Code <my.mail@no.spam> wrote:
>>>>
>>>>>If all the seats are taken at a club meeting and a 20wpm code tested
>>>>>Extra is standing, a no-code ham should give their seat to the Extra
>>>>>and sit on the floor. After saluting of course.
>>>>>
>>>>>SC
>>>> ++++++++
>>>> You have been drinking too much sloe gin.
>>>
>>>
>>>
>>>Please wipe the seat after you get off to sit on the floor.
>>>
>>>Thanks.
>>>
>>>SC
>> +++++++++
>> It just so happens that I passed a 20 wpm code test and I think you
>> are a bozo.
>
>
>If you're really a code tested Extra, why do you want to dumb down ham
>radio? You should help me push for better radio exams by supporting an
>increase in speed of the code requirement. If we can get rid of the
>no-codes and nickle hams, test everyone up to 13 and 20wpm, no one will
>have to sit on the floor at club meetings anymore.
>
nobody wants to dumb down ham radio we want to end the dumbing down
that exists today

code testing
>SC

http://kb9rqz.blogspot.com/

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Posted via a free Usenet account from http://www.teranews.com

2012. slow code continues crapathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 01:44:12 UTC
From: Mark@kb9rqz.aprs
Message-ID: <o6pvk2hkpbd2hiru0k7aoft73l01jmlj58@4ax.com>
Source record: 49886
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Tue, 07 Nov 2006 00:58:25 GMT, Slow Code <my.mail@no.spam> wrote:

>Mark in the Dark, wrote in
>news:3iruk299uc9oshhl5ilj2g2jgi983sobdo@4ax.com:
>
>> On 6 Nov 2006 00:03:19 -0800, "K4YZ" <stevenrobeson@aol.com> wrote:
>>
>>>
>>>Slow Code wrote:
>>>> mcalhoun@ksu.edu wrote in news:eifvjh$ced@unix1.cc.ksu.edu:
>>>>
>>>> > <<<.... How about Belden 9913? Of course, the construction of that
>>>> > line <<<is "different" enough that it would be hard to mistake it
>>>> > for something <<<else, and I assume ....
>>>> >
>>>> > << For those of us who never noticed -- or never recognized -- the
>>>> > << 9913 differences in the first place, could you please explain....
>>>> >
>>>> > <The outside diameter of the cable, like .195, .240, .260, .405,...
>>>> > and the
>>>> >>gage of the center conductor, like #10, 14, 16, 18, stranded or
>>>> >>solid.
>>>> >
>>>> > I don't understand. Are you saying 9913 has been made in ALL
>>>> > of those different sizes and with ALL of those different center-
>>>> > conductor gauges?
>>>>
>>>> Just go to Radio Shack. You can exchange blank stares with the clerk.
>>>
>>>BBBBWWWHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHA
>>>HAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHA
>>>HAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHA
>>>HAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHA
>>>HAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHAHA
>>>!!
>>>!!
>>>!!!!!!!!!!!!!!!!!!!!!!
>>>
>>> R O T M F F L M M F A O ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !
>>>
>>> I haven't laughed that hard in a while!
>>
>> yes we know you like degrading everyione arround you

>
>
>Shut up Markie. You can't even spell 'coax.'
not true but so what?
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2013. slow code continues crapathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 01:45:09 UTC
From: Mark@kb9rqz.aprs
Message-ID: <d8pvk2d84pi0j2cs45t1q9auu5eboehfd6@4ax.com>
Source record: 49887
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Tue, 07 Nov 2006 00:58:41 GMT, Slow Code <my.mail@no.spam> wrote:

>
>Don't help the terrorists.
>
>Don't risk getting killed by a bomb or dying in a
>collapsing Skyscraper.
>
>Vote Republican, and live.

you make a bad case for anything you suport
>
>Tnx, 73
>de Slow Code
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2014. Re: If you vote for a Democrat you're helping the human race

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 01:55:16 UTC
From: m II <c@in.the.hat>
Message-ID: <8IR3h.59190$H7.37503@edtnps82>
Source record: 49888
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

DougSlug wrote:

> What about Republicans and ham radio?

I thought Goldwater was dead...

mike

2015. Re: If you vote for a Democrat you're helping the human race

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 02:05:51 UTC
From: Mark@kb9rqz.aprs
Message-ID: <seqvk2hdufvm0icc4gepm80hqn79i2bcho@4ax.com>
Source record: 49889
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Tue, 07 Nov 2006 01:55:16 GMT, m II <c@in.the.hat> wrote:

>DougSlug wrote:
>
>> What about Republicans and ham radio?
>
>
>I thought Goldwater was dead...
>
>
>
>
>mike
if anyone thinks much is changing tomarrow (even if the dems take both
houses) they are truley nuts
http://kb9rqz.blogspot.com/

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Posted via a free Usenet account from http://www.teranews.com

2016. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 02:22:44 UTC
From: "X-rated Vermonter"
Message-ID: <9nqvk290folpkapot0pqm4ks68dummbn27@4ax.com>
Source record: 49890
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

```
On Tue, 07 Nov 2006 00:58:31 GMT, Slow Code <my.mail@no.spam> wrote:

>X-rated Vermonter <k1xvnospam@arrl.net> wrote in
>news:lh4tk2h7f0elg6ilpcjdh7ma48crfk7cr0@4ax.com:
>
>> On Mon, 06 Nov 2006 01:16:08 GMT, Slow Code <my.mail@no.spam> wrote:
>>
>>>X-rated Vermonter <k1xvnospam@arrl.net> wrote in
>>>news:991tk25h97tilno2df445pvh2ouvbf6oog@4ax.com:
>>>
>>>> On Sat, 04 Nov 2006 23:58:09 GMT, Slow Code <my.mail@no.spam> wrote:
>>>>
>>>>>If all the seats are taken at a club meeting and a 20wpm code tested
>>>>>Extra is standing, a no-code ham should give their seat to the Extra
>>>>>and sit on the floor. After saluting of course.
>>>>>
>>>>>SC
>>>> ++++++++
>>>> You have been drinking too much sloe gin.
>>>
>>>
>>>
>>>Please wipe the seat after you get off to sit on the floor.
>>>
>>>Thanks.
>>>
>>>SC
>> +++++++++
>> It just so happens that I passed a 20 wpm code test and I think you
>> are a bozo.
>
>
>If you're really a code tested Extra, why do you want to dumb down ham
>radio? You should help me push for better radio exams by supporting an
>increase in speed of the code requirement. If we can get rid of the
>no-codes and nickle hams, test everyone up to 13 and 20wpm, no one will
>have to sit on the floor at club meetings anymore.
>
>SC

++++++++++++
I don't want to dumb down amateur radio, but you very much want to.
You see, amateur radio is supposed to be about advancement of the art,
```

and preparing and maintaining a civilian population with contemporary communications skills Mandating a mode that has fallen completely out of military and commercial use as obsolete is contrary to the concept of advancement of the art. It is as if blood letting was a required course for a medical degree.

Code is fine for those who like that mode. I use it at least once a month. However, it is no longer the mode that is best in weak signal conditions, or that uses the narrowest band width for effective communication. PSK31 runs circles around code. And guess what....many of the most fervent code guys I know cheat and use computers to print the received code on a screen, and a keyboard to allow the computer to generate their sending.

An amateur extra exam these days covers information a lot more current than that on the exam just a few decades ago. Perhaps instead of harping on code as some indicator of intelligence, you should direct your efforts to having all hams retested on license renewal, to make sure they continue to be current with the state of the art in amateur radio. Or do you believe that de Forest era vacuum tubes are more relevant to amateur radio in the 21st century than integrated circuits?

2017. Re: If you vote for a Democrat you're helping the human race

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 02:22:48 UTC
From: m II <c@in.the.hat>
Message-ID: <Y5S3h.95130$E67.16602@clgrps13>
Source record: 49891
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

Mark@kb9rqz.aprs wrote:
x
> if anyone thinks much is changing tomarrow (even if the dems take both
> houses) they are truley nuts

These people sure don't want change...

http://www.1115.org/archives/bushabdullah.jpg

http://www.thelawparty.org/FranklinCoverup/franklin.htm

mike

2018. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 02:35:51 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <biS3h.91$mR4.12@tornado.texas.rr.com>
Source record: 49892
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

```
<X-rated Vermonter> wrote in message
news:9nqvk290folpkapot0pqm4ks68dummbn27@4ax.com...
> On Tue, 07 Nov 2006 00:58:31 GMT, Slow Code <my.mail@no.spam> wrote:
>
>>X-rated Vermonter <k1xvnospam@arrl.net> wrote in
>>news:lh4tk2h7f0elg6ilpcjdh7ma48crfk7cr0@4ax.com:
>>
>>> On Mon, 06 Nov 2006 01:16:08 GMT, Slow Code <my.mail@no.spam> wrote:
>>>
>>>>X-rated Vermonter <k1xvnospam@arrl.net> wrote in
>>>>news:991tk25h97tilno2df445pvh2ouvbf6oog@4ax.com:
>>>>
>>>>> On Sat, 04 Nov 2006 23:58:09 GMT, Slow Code <my.mail@no.spam> wrote:
>>>>>
>>>>>>If all the seats are taken at a club meeting and a 20wpm code tested
>>>>>>Extra is standing, a no-code ham should give their seat to the Extra
>>>>>>and sit on the floor. After saluting of course.
>>>>>>
>>>>>>SC
>>>>> ++++++++
>>>>> You have been drinking too much sloe gin.
>>>>
>>>>
>>>>
>>>>Please wipe the seat after you get off to sit on the floor.
>>>>
>>>>Thanks.
>>>>
>>>>SC
>>> +++++++++
>>> It just so happens that I passed a 20 wpm code test and I think you
>>> are a bozo.
>>
>>
>>If you're really a code tested Extra, why do you want to dumb down ham
>>radio? You should help me push for better radio exams by supporting an
>>increase in speed of the code requirement. If we can get rid of the
>>no-codes and nickle hams, test everyone up to 13 and 20wpm, no one will
>>have to sit on the floor at club meetings anymore.
>>
>>SC
>
```

> ++++++++++++
> I don't want to dumb down amateur radio, but you very much want to.
> You see, amateur radio is supposed to be about advancement of the art,
> and preparing and maintaining a civilian population with contemporary
> communications skills Mandating a mode that has fallen completely out
> of military and commercial use as obsolete is contrary to the concept
> of advancement of the art. It is as if blood letting was a required
> course for a medical degree.
>
> Code is fine for those who like that mode. I use it at least once a
> month. However, it is no longer the mode that is best in weak signal
> conditions, or that uses the narrowest band width for effective
> communication. PSK31 runs circles around code. And guess
> what....many of the most fervent code guys I know cheat and use
> computers to print the received code on a screen, and a keyboard to
> allow the computer to generate their sending.
>
> An amateur extra exam these days covers information a lot more current
> than that on the exam just a few decades ago. Perhaps instead of
> harping on code as some indicator of intelligence, you should direct
> your efforts to having all hams retested on license renewal, to make
> sure they continue to be current with the state of the art in amateur
> radio. Or do you believe that de Forest era vacuum tubes are more
> relevant to amateur radio in the 21st century than integrated
> circuits?

He's still trying to homebrew his first spark-gap transmitter.

2019. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 02:37:07 UTC
From: He'sDoneItAgain <again@emanon.net>
Message-ID: <njS3h.3621$r12.2601@newssvr12.news.prodigy.com>
Source record: 49893
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

Slow Code wrote:
> Don't help the terrorists.
>
> Don't risk getting killed by a bomb or dying in a
> collapsing Skyscraper.
>
> Vote Republican, and live.
>
> Tnx, 73
> de Slow Code

Uh, correct me if I'm wrong, but I thought a Republican -was- in office when people died in a collapsing skyscraper.

Boy, you really -are- giving that "slow" moniker a workout!

2020. Re: If you vote for a Democrat you're helping the human race

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 03:01:46 UTC
From: Mark@kb9rqz.aprs
Message-ID: <5otvk2lni1sk963m4v3srk0m4ualj1gtd8@4ax.com>
Source record: 49894
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Tue, 07 Nov 2006 02:22:48 GMT, m II <c@in.the.hat> wrote:

>Mark@kb9rqz.aprs wrote:
>x
>> if anyone thinks much is changing tomarrow (even if the dems take both
>> houses) they are truley nuts
>
>
>These people sure don't want change...
>
>http://www.1115.org/archives/bushabdullah.jpg
>
>http://www.thelawparty.org/FranklinCoverup/franklin.htm
>
>
>mike
want or not very little real change no matter the results tomarrow
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2021. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 03:04:38 UTC
From: kd5sak <kd5sak@sbcglobal.net>
Message-ID: <aJS3h.5356$7F3.2572@newssvr14.news.prodigy.com>
Source record: 49895
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

"Slow Code" <my.mail@no.spam> wrote in message
news:5TQ3h.3087$l25.83@newsread4.news.pas.earthlink.net...
>
> Don't help the terrorists.
>
> Don't risk getting killed by a bomb or dying in a
> collapsing Skyscraper.
>
> Vote Republican, and live.
>
> Tnx, 73
> de Slow Code
>
Did you sober up or something? All of a sudden you are starting to make
sense.

Harold
KD5SAK

2022. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 03:07:57 UTC
From: "X-rated Vermonter"
Message-ID: <s0uvk2pt3b487q0ppoj2grkq6druqq4d28@4ax.com>
Source record: 49896
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Tue, 07 Nov 2006 00:58:41 GMT, Slow Code <my.mail@no.spam> wrote:

>
>Don't help the terrorists.
>
>Don't risk getting killed by a bomb or dying in a
>collapsing Skyscraper.
>
>Vote Republican, and live.
>
>Tnx, 73
>de Slow Code

+++++++++
I stopped voting Republican when Nixon took the USA off the gold
standard.

2023. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 03:15:24 UTC
From: General <anon@anon>
Message-ID: <eljac.dvt.19.1@news.alt.net>
Source record: 49897
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

"He'sDoneItAgain" <again@emanon.net> wrote in message
news:njS3h.3621$r12.2601@newssvr12.news.prodigy.com...
Slow Code wrote:
> Don't help the terrorists.
>
> Don't risk getting killed by a bomb or dying in a
> collapsing Skyscraper.
>
> Vote Republican, and live.
>
> Tnx, 73
> de Slow Code

Uh, correct me if I'm wrong, but I thought a Republican -was- in office
when people died in a collapsing skyscraper.

Boy, you really -are- giving that "slow" moniker a workout!

..

Yes, indeedie! And a DEMOCRAT was in office when we were attacked more than
a dozen times around the world, including the FIRST World Trade Center
attack.

2024. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 03:31:24 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1162870284.031154.51070@f16g2000cwb.googlegroups.com>
Source record: 49898
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

K4YZ wrote:
> X-rated Vermonter wrote:
>
> > It just so happens that I passed a 20 wpm code test and I think you
> > are a bozo.
>
> Where's the evidence?
>
> Steve, K4YZ

Silly Bozo Wabbit, opinions need no evidence.

2025. Recommendations for 800 Mhz cell phone Yagi antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 03:32:23 UTC
From: Tony VE6MVP <tony@REMOVEve6mvp.com>
Message-ID: <q9vvk291tlejemhui3o6mia5v5njggo9kh@4ax.com>
Source record: 49899

Folks

So I'm thinking about emergency communications and it seems to me that an 800 Mhz Yagi antenna would be useful. I have one of those old Motorola bag phones which I use when travelling in rural Alberta.

It works nice especially when on a 3' mag mount antenna on the vehicle roof but it seems to me a Yagi up 20' might be useful at times.

Tony

2026. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 04:42:45 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1162874565.387051.20660@b28g2000cwb.googlegroups.com>
Source record: 49900
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

hot-ham-and-cheese@hotmail.com wrote:
> K4YZ wrote:
> > X-rated Vermonter wrote:
> >
> > > It just so happens that I passed a 20 wpm code test and I think you
> > > are a bozo.
> >
> > Where's the evidence?
> >
> > Steve, K4YZ
>
> Silly Bozo Wabbit, opinions need no evidence.

not when they oppose the Might Steve then they must be proven true or
he will meat justice or some such crap

2027. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 05:14:23 UTC
From: Colonel Mark <anon@anon>
Message-ID: <elq9f.dgu.17.1@news.alt.net>
Source record: 49901
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

> >
> > Steve, K4YZ
>
> Silly Bozo Wabbit, opinions need no evidence.

not when they oppose the Might Steve then they must be proven true or
he will meat justice or some such crap
...
Mork punces again....

he will meat justice
he will meat justice
he will meat justice

You are your own worst enemy, Mork.

2028. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 05:25:05 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1162877105.763517.83010@e3g2000cwe.googlegroups.com>
Source record: 49902
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Colonel Mark wrote:
more fraud
> > >
> > > Steve, K4YZ
> >
> > Silly Bozo Wabbit, opinions need no evidence.
>
> not when they oppose the Might Steve then they must be proven true or
> he will meat justice or some such crap
> ...
> Mork punces again....
>
> he will meat justice
> he will meat justice
> he will meat justice
>
> You are your own worst enemy, Mork.

hardly steve

most people are not so teribly concerned with spelling

indeed most people reconize that when all you have to offer is speling
mistakes you have NO real armguement to make

you are your own worst enemy. i could not make such a fool of you
without YOUR help and consent

2029. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 05:30:57 UTC
From: Too_Many_Tools <too_many_tools@yahoo.com>
Message-ID: <1162877457.065507.167550@m73g2000cwd.googlegroups.com>
Source record: 49903
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

If you have voted Republican, you voted for lying thieving PEDOPHILES
who are responsible for the senseless deaths of THOUSANDS of Americans.

Do the right thing....bring the troops home starting tomorrow.

TMT

Slow Code wrote:
> Don't help the terrorists.
>
> Don't risk getting killed by a bomb or dying in a
> collapsing Skyscraper.
>
> Vote Republican, and live.
>
> Tnx, 73
> de Slow Code

2030. bs

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 05:33:23 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1162877603.924971.273400@m7g2000cwm.googlegroups.com>
Source record: 49904
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

Too_Many_Tools wrote:
> If you have voted Republican, you voted for lying thieving PEDOPHILES
> who are responsible for the senseless deaths of THOUSANDS of Americans.
>
> Do the right thing....bring the troops home starting tomorrow.
>
> TMT

here we see what the White House meant when it refered to thier some
merit in comapring the current state of affairs to the TET offiensive

2031. Re: Recommendations for 800 Mhz cell phone Yagi antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 10:22:53 UTC
From: LA4RT Jon <dev@null.com>
Message-ID: <1mhcxblfnm.fsf@persaunet.uninett.no>
Source record: 49905

Tony VE6MVP <tony@REMOVEve6mvp.com> writes:

> Folks
>
> So I'm thinking about emergency communications and it seems to me that
> an 800 Mhz Yagi antenna would be useful. I have one of those old
> Motorola bag phones which I use when travelling in rural Alberta.
>
> It works nice especially when on a 3' mag mount antenna on the vehicle
> roof but it seems to me a Yagi up 20' might be useful at times.

Just try it. These things don't cost much, do they? Although you
already have a decent antenna.

Compared to the built-in antenna of a typical cell phone, it will make
a tremendous difference.

Here in Norway we have GSM, 900 MHz in rural areas. The signal is very
poor at our summer house. So we bought a 40$ 9 el. Yagi at a hardware
store and put it in a tree, may be 15 ft up. It's supposed to have 10
dB gain, but it comes with 33 ft of RG-58, so we lose more than half
the gain on the way. However, the built-in antenna of most cell phones
is unbelievably bad, and getting the antenna higher up makes a
lot of difference at our location. I went from 0 bars to 5.

The coax is marked "low loss" with nice, friendly letters. I guess
that's what does the trick :-)

73
Jon

2032. Re: Recommendations for 800 Mhz cell phone Yagi antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 12:27:15 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1162902435.457130.272060@f16g2000cwb.googlegroups.com>
Source record: 49906

Jon, just think of how many bars you would have had the cable been
marked ULTRA LOW LOSS...
denny / k8do

2033. Re: Recommendations for 800 Mhz cell phone Yagi antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 12:31:37 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1162902697.898101.207730@h48g2000cwc.googlegroups.com>
Source record: 49907

Tony, look in the ARRL Antenna Handbook... There will be short yagi designs for UHF... A Quagi would work well and be easy to match, but not as handy to stow away...I suggest 5 elements as the most bang for the buck between complexity and performance... Just scale to your frequency... Use a small aluminum tube for the boom, and bare welding rods for the elements... Put a decent piece of RG8 or LMR400 on it and it should play well...

denny / k8do

Tony VE6MVP wrote:
> Folks
>
> So I'm thinking about emergency communications and it seems to me that
> an 800 Mhz Yagi antenna would be useful. I have one of those old
> Motorola bag phones which I use when travelling in rural Alberta.
>
> It works nice especially when on a 3' mag mount antenna on the vehicle
> roof but it seems to me a Yagi up 20' might be useful at times.
>
> Tony

2034. Re: Stripped off coax velocity factor

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 16:11:07 UTC
From: PaoloC <ollollo@hotpop.com>
Message-ID: <4550afd6_1@x-privat.org>
Source record: 49908

Thank you Roy, Denny and Cecil for your very useful answers.

I'll go ahead, peel off that coax, and work on a dual-quad for 70cm.

Paolo IK1ZYW

2035. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 16:14:37 UTC
From: AC7PN <brunius@rockisland.com>
Message-ID: <1162916077.277238.142340@h54g2000cwb.googlegroups.com>
Source record: 49909
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

If you really think that way dude you are too stupid to be a ham.

Slow Code wrote:
> Don't help the terrorists.
>
> Don't risk getting killed by a bomb or dying in a
> collapsing Skyscraper.
>
> Vote Republican, and live.
>
> Tnx, 73
> de Slow Code

2036. Whip Antenna Formula

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 16:41:03 UTC
From: "A. Pismo Clam" <opalockamishabob@'86DASPAMnetscape.net>
Message-ID: <642dnYUA67qCKs3YnZ2dnUVZ_v-dnZ2d@got.net>
Source record: 49910

Hello All,

I have just found my old Hi-Gain mobile-mount whip antenna, circa 1980's, I'm guessing.

I have just looked at the antenna and it is made in 4 parts; the whip, the chrome spring that the whip gets screwed into, a metal tube [with a plastic sleeve covering it. could this be the loading coil?] and lastly, the mag base. A small quantity of RG 58 is soldered to the underside of the "loading coil", making a very compact antenna.

If I loosen the set screw in the base and pull out the whip, it is 28" long; I'd like to cut it so that it will receive/resonate center of the 151-174 MHz band. where I do most of my summer monitoring, using my old [but still working] BC 210.

How long should I cut the whip to accomplish this? Or is the whip too short already!?

I wouldn't bother the group with such an easy question, but I don't know where to look for the formula!

Many thanks for taking the time to respond!

Alain

2037. Re: Recommendations for 800 Mhz cell phone Yagi antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 17:18:59 UTC
From: Alan <alannc44@{nospam}ix.netcom.com>
Message-ID: <7e34h.19186$HD6.11984@tornado.southeast.rr.com>
Source record: 49911

Is there an easy way of coupling the phone to the coax?

Alan
WN4HOG

--
Windsurfing Club: http://www.ibscc.org

"Denny" <k8do@mailblocks.com> wrote in message
news:1162902697.898101.207730@h48g2000cwc.googlegroups.com...
> Tony, look in the ARRL Antenna Handbook... There will be short yagi
> designs for UHF... A Quagi would work well and be easy to match, but
> not as handy to stow away...I suggest 5 elements as the most bang for
> the buck between complexity and performance... Just scale to your
> frequency... Use a small aluminum tube for the boom, and bare welding
> rods for the elements... Put a decent piece of RG8 or LMR400 on it and
> it should play well...
>
> denny / k8do
>
> Tony VE6MVP wrote:
> > Folks
> >
> > So I'm thinking about emergency communications and it seems to me that
> > an 800 Mhz Yagi antenna would be useful. I have one of those old
> > Motorola bag phones which I use when travelling in rural Alberta.
> >
> > It works nice especially when on a 3' mag mount antenna on the vehicle
> > roof but it seems to me a Yagi up 20' might be useful at times.
> >
> > Tony
>

2038. Re: Whip Antenna Formula

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 17:42:52 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <eiqgkt$h9n$2@aioe.server.aioe.org>
Source record: 49912

"A. Pismo Clam" <opalockamishabob@'86DASPAMnetscape.net> wrote in message
news:642dnYUA67qCKs3YnZ2dnUVZ_v-dnZ2d@got.net...
> Hello All,
>
> I have just found my old Hi-Gain mobile-mount whip antenna, circa
> 1980's, I'm guessing.
>
> I have just looked at the antenna and it is made in 4 parts; the whip,
> the chrome spring that the whip gets screwed into, a metal tube [with a
> plastic sleeve covering it. could this be the loading coil?] and lastly,
> the mag base. A small quantity of RG 58 is soldered to the underside of
> the "loading coil", making a very compact antenna.
>
> If I loosen the set screw in the base and pull out the whip, it is 28"
> long; I'd like to cut it so that it will receive/resonate center of the
> 151-174 MHz band. where I do most of my summer monitoring, using my old
> [but still working] BC 210.
>
> How long should I cut the whip to accomplish this? Or is the whip too
> short already!?
>
> I wouldn't bother the group with such an easy question, but I don't know
> where to look for the formula!
>
> Many thanks for taking the time to respond!
>
> Alain

Beg, borrow a swr meter! Extend/lower radiator between tests to find lowest
swr...

JS

2039. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 17:46:03 UTC
From: w9gb <spam_protect@arrl.net>
Message-ID: <bOCdnYKG6JkwmszYnZ2dnUVZ_q6dnZ2d@comcast.com>
Source record: 49919
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

"Slow Code" <my.mail@no.spam> wrote in message
news:5TQ3h.3087$l25.83@newsread4.news.pas.earthlink.net...
>
> Don't help the terrorists.
>
> Don't risk getting killed by a bomb or dying in a
> collapsing Skyscraper.
>
> Vote Republican, and live.
>

This is off-topic (OT) - find a political Usenet.

Wow, short-memories.

Remember the 1980s and Reagan administration's fight against the
Sandinista Revolution (1980 - 1990) in Nicaragua ?

Of course, most people remember the Iran-Contra affair with Oliver North.
It involved several members of the Reagan Administration who in 1986 helped
sell arms to Iran, an avowed enemy, (1 of 3 "axis of evil" countries) and
used the proceeds to fund the Contras, an anti-communist guerrilla
organization in Nicaragua.

12 years of Republican administration sure did not solve that problem.
BTW, remember Jose Daniel Ortega ? -- received majority of votes this week
http://en.wikipedia.org/wiki/Nicaraguan_general_election,_2006

2040. Re: Whip Antenna Formula

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 18:13:00 UTC
From: Ed <Huckleberry_REMOVE_@bigvalley.net>
Message-ID: <Xns987468A56B9D2spectrumhogstarbandn@198.186.192.196>
Source record: 49913

>
> How long should I cut the whip to accomplish this? Or is the whip too
> short already!?
>

Considering that there is an unknown coil in the base, I guess a normal formula for figuring the length of the antenna won't apply... I would suggest you take an inch, or maybe inch and a half off the length of the whip and just go with that.... of course remember, it will never be usable on 2M again.

Ed

2041. Re: Whip Antenna Formula

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 18:14:00 UTC
From: Ed <Huckleberry_REMOVE_@bigvalley.net>
Message-ID: <Xns987468D148FF4spectrumhogstarbandn@198.186.192.196>
Source record: 49914

"John Smith" <assemblywizard@gmail.com> wrote in
news:eiqgkt$h9n$2@aioe.server.aioe.org:

> "A. Pismo Clam" <opalockamishabob@'86DASPAMnetscape.net> wrote in
> message news:642dnYUA67qCKs3YnZ2dnUVZ_v-dnZ2d@got.net...
>> Hello All,
>>
>> I have just found my old Hi-Gain mobile-mount whip antenna, circa
>> 1980's, I'm guessing.
>>
>> I have just looked at the antenna and it is made in 4 parts; the
>> whip, the chrome spring that the whip gets screwed into, a metal tube
>> [with a plastic sleeve covering it. could this be the loading coil?]
>> and lastly, the mag base. A small quantity of RG 58 is soldered to
>> the underside of the "loading coil", making a very compact antenna.
>>
>> If I loosen the set screw in the base and pull out the whip, it is
>> 28" long; I'd like to cut it so that it will receive/resonate center
>> of the 151-174 MHz band. where I do most of my summer monitoring,
>> using my old [but still working] BC 210.
>>
>> How long should I cut the whip to accomplish this? Or is the whip too
>> short already!?
>>
>> I wouldn't bother the group with such an easy question, but I don't
>> know where to look for the formula!
>>
>> Many thanks for taking the time to respond!
>>
>> Alain
>
> Beg, borrow a swr meter! Extend/lower radiator between tests to find
> lowest swr...
>
> JS

That would work, assuming he has a transmitter in the 150-170 VHF
range he could use as an RF source.

Ed

2042. Re: Whip Antenna Formula

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 18:26:19 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <qOudneSEdJtUUs3YnZ2dnUVZ_rudnZ2d@comcast.com>
Source record: 49915

Find a ham in your area who has an antenna analyzer.

Use the ham/analyzer to find the resonance of your antenna. Once it is known, then adjustments can easily be 'gesstimated intelligently'.

I'm in New Hampshire. If close I'll do the measurement for you.

Where do you live? Nearest large city and state will do for info.

/s/ DD

A. Pismo Clam wrote:
> Hello All,
>
> I have just found my old Hi-Gain mobile-mount whip antenna, circa
> 1980's, I'm guessing.
>
> I have just looked at the antenna and it is made in 4 parts; the whip,
> the chrome spring that the whip gets screwed into, a metal tube [with a
> plastic sleeve covering it. could this be the loading coil?] and lastly,
> the mag base. A small quantity of RG 58 is soldered to the underside of
> the "loading coil", making a very compact antenna.
>
> If I loosen the set screw in the base and pull out the whip, it is 28"
> long; I'd like to cut it so that it will receive/resonate center of the
> 151-174 MHz band. where I do most of my summer monitoring, using my old
> [but still working] BC 210.
>
> How long should I cut the whip to accomplish this? Or is the whip too
> short already!?
>
> I wouldn't bother the group with such an easy question, but I don't know
> where to look for the formula!
>
> Many thanks for taking the time to respond!
>
> Alain

2043. Re: Whip Antenna Formula

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 19:07:51 UTC
From: dplatt@radagast.org
Message-ID: <12l1mc7aue3g99d@corp.supernews.com>
Source record: 49916

> I have just found my old Hi-Gain mobile-mount whip antenna, circa
> 1980's, I'm guessing.
>
> I have just looked at the antenna and it is made in 4 parts; the whip,
> the chrome spring that the whip gets screwed into, a metal tube [with a
> plastic sleeve covering it. could this be the loading coil?] and lastly,
> the mag base. A small quantity of RG 58 is soldered to the underside of
> the "loading coil", making a very compact antenna.
>
> If I loosen the set screw in the base and pull out the whip, it is 28"
> long; I'd like to cut it so that it will receive/resonate center of the
> 151-174 MHz band. where I do most of my summer monitoring, using my old
> [but still working] BC 210.

If it's an old 2-meter antenna, then I'd guess from the whip length
that it's probably a 5/8-wave, with some form of inductive loading to
make it resonant.

If that's the case, it'll probably receive reasonably well for
monitoring purposes in the 151-174 range without any modification.

Or, you could shorten it by an inch or two, gradually trimming the
whip until the received signal strength around 160 MHz is at a peak.

Another option would be to bypass the loading coil (or whatever it is)
with a wire jumper, and shorten the whip to around 16.5". This will
convert the antenna into a quarter-wave vertical, resonant at around
160 MHz.

--
Dave Platt <dplatt@radagast.org> AE6EO
Hosting the Jade Warrior home page: http://www.radagast.org/jade-warrior
I do _not_ wish to receive unsolicited commercial email, and I will
boycott any company which has the gall to send me such ads!

2044. Re: my dad

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 22:12:09 UTC
From: Mark@kb9rqz.aprs
Message-ID: <4550f7d7$0$12094$88260bb3@free.teranews.com>
Source record: 49917
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,alt.usenet.kooks,rec.radio.scanner,alt.ham-radio.vhf-uhf

```
Public comment welcome, indeed private email
on the Morse Code issues, esp if insulting will
become at My sole discretion
Sending Private email is deemed acceptance of these terms

Why can't people keep there flames Public?
http://www.marksspamblog.blogspot.com/

"an_old_friend" <kb9rqz69@hotmail.com> wrote in message
news:1162769654.309164.313170@h48g2000cwc.googlegroups.com...
> my dad youaght me hwo too sukc ckoc
> Mark@kb9rqz.aprs wrote:
>> http://home.mchsi.com/~north1959/professorblumpkin.jpg
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>> with the punce gotcha he wonders why I simple don't bother to ty
>> impoving my spelling do u hav anyting cognet two say?
>> http://www.marksspamblog.blogspot.com/
>>
>>
>>
>> --
>> Posted via a free Usenet account from http://www.teranews.com
```

>

--
Posted via a free Usenet account from http://www.teranews.com

2045. Re: Recommendations for 800 Mhz cell phone Yagi antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 22:23:51 UTC
From: Tony VE6MVP <tony@REMOVEve6mvp.com>
Message-ID: <gr12l25if4f2go8c20dmnq6kk11k8rdkg2@4ax.com>
Source record: 49918

On 07 Nov 2006 11:22:53 +0100, LA4RT Jon <dev@null.com> wrote:

>The coax is marked "low loss" with nice, friendly letters. I guess
>that's what does the trick :-)

<chuckle>

Tony

2046. Re: Recommendations for 800 Mhz cell phone Yagi antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 22:26:20 UTC
From: Tony VE6MVP <tony@REMOVEve6mvp.com>
Message-ID: <bs12l29ti2btimoh2h5jg0smbueqfke2ne@4ax.com>
Source record: 49920

On 7 Nov 2006 04:31:37 -0800, "Denny" <k8do@mailblocks.com> wrote:

>Tony, look in the ARRL Antenna Handbook...

Interesting idea. I just received the 16th ediition which I got from
someone on Ebay. I

>Put a decent piece of RG8 or LMR400 on it and
>it should play well...

That LMR400 is fairly stiff stuff. The biggest problem would be
locating the end that fits on the Motorala bag phone especially with
LMR 400.

I have no idea what kind of end it is but I'm sure a commercial radio
shop can tell me.

Tony

2047. Re: Recommendations for 800 Mhz cell phone Yagi antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 23:06:11 UTC
From: Bruce in Alaska <bruceg@btpost.net>
Message-ID: <bruceg-4115C6.14062007112006@netnews.worldnet.att.net>
Source record: 49921

In article <q9vvk291tlejemhui3o6mia5v5njggo9kh@4ax.com>,
Tony VE6MVP <tony@REMOVEve6mvp.com> wrote:

> Folks
>
> So I'm thinking about emergency communications and it seems to me that
> an 800 Mhz Yagi antenna would be useful. I have one of those old
> Motorola bag phones which I use when travelling in rural Alberta.
>
> It works nice especially when on a 3' mag mount antenna on the vehicle
> roof but it seems to me a Yagi up 20' might be useful at times.
>
> Tony

Here in the USA, we are losing our AMPS Network next year, so all the
3Watt AMPS BagPhones will be non-functional. Most of us bush Folks have
switched to either Digital BagPhones, or handhelds with external Antenna
Ports and 3 Watt Booster Amps. I use a Nokia Handheld with external
10db Panel Antenna, mounted in an Active Cradle that simulates an RJ11
Jack, and has a Cordless Phone plugged into it. I have a "Line of Sight"
shot at our local Cellsite, which is 16 miles away, (over water) so I
don't need the Booster Amp here. Some of the neighbors need them,
however.

Bruce in alaska AL7AQ
--
add a <2> before @

2048. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-07 23:08:37 UTC
From: You <You@shadow.orgs>
Message-ID: <You-045520.14084707112006@netnews.worldnet.att.net>
Source record: 49922
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

In article <1162877457.065507.167550@m73g2000cwd.googlegroups.com>,
"Too_Many_Tools" <too_many_tools@yahoo.com> wrote:

> Do the right thing....bring the troops home starting tomorrow.
>
> TMT

TMT is a "Cut and Run" Limp Dick, and needs to grow a spine.....

2049. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 00:34:05 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <1C94h.3634$L6.3344@newsread3.news.pas.earthlink.net>
Source record: 49923
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

X-rated Vermonter wrote in
news:9nqvk290folpkapot0pqm4ks68dummbn27@4ax.com:

> On Tue, 07 Nov 2006 00:58:31 GMT, Slow Code <my.mail@no.spam> wrote:
>
>>X-rated Vermonter <k1xvnospam@arrl.net> wrote in
>>news:lh4tk2h7f0elg6ilpcjdh7ma48crfk7cr0@4ax.com:
>>
>>> On Mon, 06 Nov 2006 01:16:08 GMT, Slow Code <my.mail@no.spam> wrote:
>>>
>>>>X-rated Vermonter <k1xvnospam@arrl.net> wrote in
>>>>news:991tk25h97tilno2df445pvh2ouvbf6oog@4ax.com:
>>>>
>>>> On Sat, 04 Nov 2006 23:58:09 GMT, Slow Code <my.mail@no.spam> wrote:
>>>>
>>>>>If all the seats are taken at a club meeting and a 20wpm code tested
>>>>>Extra is standing, a no-code ham should give their seat to the Extra
>>>>>and sit on the floor. After saluting of course.
>>>>>
>>>>>SC
>>>> ++++++++
>>>> You have been drinking too much sloe gin.
>>>>
>>>>
>>>>
>>>>Please wipe the seat after you get off to sit on the floor.
>>>>
>>>>Thanks.
>>>>
>>>>SC
>>> +++++++++
>>> It just so happens that I passed a 20 wpm code test and I think you
>>> are a bozo.
>>
>>
>>If you're really a code tested Extra, why do you want to dumb down ham
>>radio? You should help me push for better radio exams by supporting an
>>increase in speed of the code requirement. If we can get rid of the
>>no-codes and nickle hams, test everyone up to 13 and 20wpm, no one will
>>have to sit on the floor at club meetings anymore.
>>
>>SC
>

> ++++++++++++
> I don't want to dumb down amateur radio, but you very much want to.
> You see, amateur radio is supposed to be about advancement of the art,
> and preparing and maintaining a civilian population with contemporary
> communications skills Mandating a mode that has fallen completely out
> of military and commercial use as obsolete is contrary to the concept
> of advancement of the art. It is as if blood letting was a required
> course for a medical degree.
>
> Code is fine for those who like that mode. I use it at least once a
> month. However, it is no longer the mode that is best in weak signal
> conditions, or that uses the narrowest band width for effective
> communication. PSK31 runs circles around code. And guess
> what....many of the most fervent code guys I know cheat and use
> computers to print the received code on a screen, and a keyboard to
> allow the computer to generate their sending.
>
> An amateur extra exam these days covers information a lot more current
> than that on the exam just a few decades ago. Perhaps instead of
> harping on code as some indicator of intelligence, you should direct
> your efforts to having all hams retested on license renewal, to make
> sure they continue to be current with the state of the art in amateur
> radio. Or do you believe that de Forest era vacuum tubes are more
> relevant to amateur radio in the 21st century than integrated
> circuits?

Code is just one part of it. Here's my four step plan that will keep
ham radio from becoming like CB:

Step 1: No more automatic renewals. Individuals must retest and
pass all elements required for their license class.

Step 2: The passing score for written exams needs to be raised to 85%.

Step 3: Code elements should be 13 wpm for General, and 20 wpm for Extra.

Step 4: Make the no-code license one year non-renewable.

2050. FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 00:34:08 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <4C94h.3637$L6.184@newsread3.news.pas.earthlink.net>
Source record: 49924
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

When CW is gone, CB'ers will get the other bands too.

SC

2051. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 00:34:16 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <cC94h.3642$L6.1405@newsread3.news.pas.earthlink.net>
Source record: 49925
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

"AC7PN" <brunius@rockisland.com> wrote in
news:1162916077.277238.142340@h54g2000cwb.googlegroups.com:

> If you really think that way dude you are too stupid to be a ham.
>
> Slow Code wrote:
>> Don't help the terrorists.
>>
>> Don't risk getting killed by a bomb or dying in a
>> collapsing Skyscraper.
>>
>> Vote Republican, and live.
>>
>> Tnx, 73
>> de Slow Code

Pull your head out of the sand.

SC

2052. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 00:38:26 UTC
From: "X-rated Vermonter"
Message-ID: <rj92l2tkoqph8a8nvimlhaldibc4g9hq18@4ax.com>
Source record: 49826
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Tue, 07 Nov 2006 23:08:37 GMT, You <You@shadow.orgs> wrote:

>In article <1162877457.065507.167550@m73g2000cwd.googlegroups.com>,
> "Too_Many_Tools" <too_many_tools@yahoo.com> wrote:
>
>> Do the right thing....bring the troops home starting tomorrow.
>>
>> TMT
>
>TMT is a "Cut and Run" Limp Dick, and needs to grow a spine.......

++++++++
Are "you" planning on heading to Baghdad anytime soon? Or is it just
others who need the spine while you sit home? Its a shame we do not
have a "stop and think" President.

2053. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 00:40:09 UTC
From: "X-rated Vermonter"
Message-ID: <jq92l2dndtkvaivjl6r8bkdlo2c2sm7s5p@4ax.com>
Source record: 49827
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Wed, 08 Nov 2006 00:34:16 GMT, Slow Code <my.mail@no.spam> wrote:

>"AC7PN" <brunius@rockisland.com> wrote in
>news:1162916077.277238.142340@h54g2000cwb.googlegroups.com:
>
>> If you really think that way dude you are too stupid to be a ham.
>>
>> Slow Code wrote:
>>> Don't help the terrorists.
>>>
>>> Don't risk getting killed by a bomb or dying in a
>>> collapsing Skyscraper.
>>>
>>> Vote Republican, and live.
>>>
>>> Tnx, 73
>>> de Slow Code
>
>
>
>Pull your head out of the sand.
>
>SC

Mr SC does not care about the troops because none of them knows any
code.

2054. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 00:46:09 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12l2a6geou7ftc7@corp.supernews.com>
Source record: 49828
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

Slow Code wrote:
> When CW is gone, CB'ers will get the other bands too.
>
>
> SC

Actually what the FCC did was to take the 11 meter band and create the
General Radio Service Class C and Class D.
Class C was limited to only a few channels (6) limited to control and
paging. Class D was farmed out as 23 channels with only AM modulation
and a max. of 5 watts power input to the finals. This was later
modified to 40 channels and 4 watts input.
The classic CB'er came just prior to the increase to 40 channels.

Dave N
KBH1602 (very expired)

2055. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 00:48:48 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <eir9jg$b9u$1@aioe.server.aioe.org>
Source record: 49829
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

Slow Code wrote:
> X-rated Vermonter wrote in
> news:9nqvk290folpkapot0pqm4ks68dummbn27@4ax.com:
>

U R, and continue to be, a slow witted idiot.

In college, it was common knowledge to professors that a student needs to hear a new idea six times to learn it (be presented with, shown, etc.) It seems to me, you are taking a bit longer.

Is your whole family as slow witted and demented as yourself?
1) Do you receive disability for a gross genetic mental illness?
2) Did you receive a violent and tragic head injury which has left you in such a deplorable condition?
3) Do you hail from some third world country where manners and morals are left wanting?
5) Were you treated evilly by your parents? Where you molested by a pack of raging homosexual pedophiles?

Really, here we ALL realize there is something terribly wrong, grossly disgusting and evilly maniac which has befell you(downright diabolic!)

Tell us man, we are here to help you! Don't be afraid to admit it and come clean. You already have our pity, although you found the end to our patience a while back.

JS

2056. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 01:59:20 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <YRa4h.9559$nG1.3855@tornado.southeast.rr.com>
Source record: 49830
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

SC is not a ham..
He has no call
He has no life
If he was a ham he would be out tapping code and enjoying it like the rest of us or working some remote station somewhere.
He is funny..kinda like reading dilbert in the funny papers..

I am also curious as to how he knows so much about CB?

CB aka 11meters does not bother me at all, I do not care what they do down there...

AS for code....some like it some do not...

As for Ham becoming like CBers , we are self governed...we would hunt down and shut down any one breaking the law.

2057. id theft is crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 02:45:53 UTC
From: Mark@kb9rqz.aprs
Message-ID: <46h2l2ph9pmtskidumqnfsbjltlb40nmsg@4ax.com>
Source record: 49831
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.scanner,alt.ham-radio.vhf-uhf

On Tue, 7 Nov 2006 17:12:09 -0500, <Mark@kb9rqz.aprs> wrote:

>
id theft is crime
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2058. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 02:50:24 UTC
From: Mark@kb9rqz.aprs
Message-ID: <feh2l2homi2fbebftttnve712nfm5fnutl@4ax.com>
Source record: 49833
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Wed, 08 Nov 2006 00:34:16 GMT, Slow Code <my.mail@no.spam> wrote:

>"AC7PN" <brunius@rockisland.com> wrote in
>news:1162916077.277238.142340@h54g2000cwb.googlegroups.com:
>
>> If you really think that way dude you are too stupid to be a ham.
>>
>> Slow Code wrote:
>>> Don't help the terrorists.
>>>
>>> Don't risk getting killed by a bomb or dying in a
>>> collapsing Skyscraper.
>>>
>>> Vote Republican, and live.
>>>
>>> Tnx, 73
>>> de Slow Code
>
>
>
>Pull your head out of the sand.

ypou are all stupid if you think what ever the outcome of this vote is
going to seriously affect Iraq policy for at least 2 years
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2059. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 02:50:31 UTC
From: "X-rated Vermonter"
Message-ID: <6bh2l2lfjr65mf9qevdr1o4nbcqouqtfnd@4ax.com>
Source record: 49832
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

On Wed, 08 Nov 2006 00:34:08 GMT, Slow Code <my.mail@no.spam> wrote:

>
>When CW is gone, CB'ers will get the other bands too.
>
>
>SC
++++++++
I fail to see the connection between Country and Western music bands
and amateur radio. And what makes you think that Country and Western
is endangered in the first place?

2060. Slow code crapathon contines

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 02:58:20 UTC
From: Mark@kb9rqz.aprs
Message-ID: <4qh2l2li3730mmdll25a8hlal60gb8dj0o@4ax.com>
Source record: 49834
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

On Wed, 08 Nov 2006 00:34:08 GMT, Slow Code <my.mail@no.spam> wrote:

>
>When CW is gone, CB'ers will get the other bands too.
grow up
>
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2061. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 03:43:52 UTC
From: Ol Pete <zolpetez@softzhome.net>
Message-ID: <20061107214258168O7-zolpetez@softzhomenet>
Source record: 49835
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On 2006-11-06 18:58:41 -0600, Slow Code <my.mail@no.spam> said:

>
> Don't help the terrorists.

Who? Cheney? Negroponte? Chertoff? Primakov? Goss?

Hanging is too good for all of them. Hell beheading is too good for them.

> Don't risk getting killed by a bomb or dying in a collapsing Skyscraper.
> Vote Republican, and live.

lol... as a slave...

Its easy to avoid being killed in a skyscraper. Just don't go in them
when the US is running an anti-terror drill.

2062. Re: Recommendations for 800 Mhz cell phone Yagi antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 03:53:12 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <lwc4h.114$k82.111@newsfe14.phx>
Source record: 49836

"Alan" <alannc44@{nospam}ix.netcom.com> wrote in message
news:7e34h.19186$HD6.11984@tornado.southeast.rr.com...
> Is there an easy way of coupling the phone to the coax?

I have observed that two of my family's (various) phones have concealed coax fittings. Look for any bit of peelable/liftable plastic trim on or near the top of the phone that might be covering such a jack.

Dunno what the connector series would be -- there are more different kinds than I can name by eye.

I think I may have observed a coax fitting on the base of one phone. This would be for a unified vehicle adapter, where you slap the phone into a cradle and get power, RF and audio all at once.

I hope this helps.

2063. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 06:56:05 UTC
From: kcdillon@rochester.rr.com
Message-ID: <1162968965.650283.77590@f16g2000cwb.googlegroups.com>
Source record: 49837
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

X-rated wrote:
> On Wed, 08 Nov 2006 00:34:08 GMT, Slow Code <my.mail@no.spam> wrote:
>
> >
> >When CW is gone, CB'ers will get the other bands too.
> >
> >
> >SC
> ++++++++
> I fail to see the connection between Country and Western music bands
> and amateur radio. And what makes you think that Country and Western
> is endangered in the first place?

2064. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 06:57:11 UTC
From: kcdillon@rochester.rr.com
Message-ID: <1162969031.058681.231590@e3g2000cwe.googlegroups.com>
Source record: 49838
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

X-rated wrote:
> On Wed, 08 Nov 2006 00:34:08 GMT, Slow Code <my.mail@no.spam> wrote:
>
> >
> >When CW is gone, CB'ers will get the other bands too.
> >
> >
> >SC
> ++++++++
> I fail to see the connection between Country and Western music bands
> and amateur radio. And what makes you think that Country and Western
> Wikipedia

Directory > Reference > Wikipedia continuous wave
A continuous wave or continuous waveform (CW) is an electromagnetic
wave of constant amplitude and frequency; and in mathematical analysis,
of infinite duration. Continuous wave is also the name given to an
early method of radio transmission, in which a carrier wave is switched
on and off. Information is carried in the rhythm and spacing with which
the signal is sent. CW is thus is a form of on-off keying (OOK). In
radio transmission, CW waves are also known as "undamped waves", to
distinguish this method from damped wave transmission
is endangered in the first place?

2065. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 11:49:11 UTC
From: He'sDoneItAgain <again@emanon.net>
Message-ID: <Xuj4h.1337$6t.12@newssvr11.news.prodigy.com>
Source record: 49839
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

You wrote:
> In article <1162877457.065507.167550@m73g2000cwd.googlegroups.com>,
> "Too_Many_Tools" <too_many_tools@yahoo.com> wrote:
>
>> Do the right thing....bring the troops home starting tomorrow.
>>
>> TMT
>
> TMT is a "Cut and Run" Limp Dick, and needs to grow a spine.......

Now, now...you're BOTH right--the "cut and runners" AND the "stay and fighters".

Big Trouble if we stay!

Big Trouble if we go!

Thanks, Georgie, for painting us into the perfect corner.

2066. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 11:55:43 UTC
From: dxAce <dxAce@milestones.com>
Message-ID: <4551C5BF.36CE3FDC@milestones.com>
Source record: 49840
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

He'sDoneItAgain aka Carter, K8VT wrote:

> You wrote:
> > In article <1162877457.065507.167550@m73g2000cwd.googlegroups.com>,
> > "Too_Many_Tools" <too_many_tools@yahoo.com> wrote:
> >
> >> Do the right thing....bring the troops home starting tomorrow.
> >>
> >> TMT
> >
> > TMT is a "Cut and Run" Limp Dick, and needs to grow a spine.......
>
> Now, now...you're BOTH right--the "cut and runners" AND the "stay and
> fighters".
>
> Big Trouble if we stay!
>
> Big Trouble if we go!
>
> Thanks, Georgie, for painting us into the perfect corner.

Good morning Carter! Go take your meds.

2067. Re: Whip Antenna Formula

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 12:11:32 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <z_ednXEXF8joVMzYnZ2dnUVZ_sKdnZ2d@bright.net>
Source record: 49841

If you're just going to use it for receiving, you can use it as is. It should work quite well. If, however, you have it set in your mind you need perfection and the value of the loading coil is unknown, you can scale the antenna whip. It probably still won't be perfect, but since it is pretty hard to change the coil's physical properties, this might be the best you can do. Take the center of the band the antenna was built for (I assume 2M band, which is 146 MHz) and divide it by the center frequency of the range you want to convert to (162.5 MHz in this case) and multiply that number by the length of the whip as it exists now (28"), which gives a new whip length of about 25 and 1/8". Give it a try...

Scott
N0EDV

A. Pismo Clam wrote:
> Hello All,
>
> I have just found my old Hi-Gain mobile-mount whip antenna, circa
> 1980's, I'm guessing.
>
> I have just looked at the antenna and it is made in 4 parts; the whip,
> the chrome spring that the whip gets screwed into, a metal tube [with a
> plastic sleeve covering it. could this be the loading coil?] and lastly,
> the mag base. A small quantity of RG 58 is soldered to the underside of
> the "loading coil", making a very compact antenna.
>
> If I loosen the set screw in the base and pull out the whip, it is 28"
> long; I'd like to cut it so that it will receive/resonate center of the
> 151-174 MHz band. where I do most of my summer monitoring, using my old
> [but still working] BC 210.
>
> How long should I cut the whip to accomplish this? Or is the whip too
> short already!?
>
> I wouldn't bother the group with such an easy question, but I don't know
> where to look for the formula!
>
> Many thanks for taking the time to respond!
>
> Alain

2068. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 13:07:31 UTC
From: gwatts <gwatts@frontiernet.net>
Message-ID: <nEk4h.4969$Ka1.989@news01.roc.ny>
Source record: 49842
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

X-rated Vermonter wrote:
> On Wed, 08 Nov 2006 00:34:08 GMT, Slow Code <my.mail@no.spam> wrote:
>
>
>>When CW is gone, CB'ers will get the other bands too.
>>
>>
>>SC
>
> ++++++++
> I fail to see the connection between Country and Western music bands
> and amateur radio. And what makes you think that Country and Western
> is endangered in the first place?

Country seems to be doing fine, Western might be sparse on the ground
but that's the nature of that beast.

2069. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 13:20:47 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <PQk4h.23824$TV3.12566@newssvr21.news.prodigy.com>
Source record: 49843
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

kcdillon@rochester.rr.com wrote:
> Directory > Reference > Wikipedia continuous wave
> A continuous wave or continuous waveform (CW) is an electromagnetic
> wave of constant amplitude and frequency; and in mathematical analysis,
> of infinite duration.

Thus, a continuous wave is incapable of conveying
any information.
--
73, Cecil http://www.w5dxp.com

2070. Handheld transeiver

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 13:24:49 UTC
From: Kevin <knball@gmail.com>
Message-ID: <1162992288.977058.264050@k70g2000cwa.googlegroups.com>
Source record: 49844

Hi all,
KB8HVF here. I am a grandfathered novice, but very new to the ham radio world. My father decided to bring me along to all of the ham classes for the novice level when I was thirteen. I took the test, and passed the exam, but have since dealt with anything remotely related to ham radio. I recently took an interest in listening to aircraft communications at KRDU, and decided this would be a good reason to go ahead and pursue the tech license. Last night I took the exam and passed. As Christmas is upon us, everyone is hounding me about what I would like as a gift. I thought a small handheld would be nice to keep with me to listen and talk to the other hams in my area. I have been looking at kenwood's equipment, specifically their TH-D7AG and TH-F6A models. I also like ICOMs products specfically their battery life (if they have a radio with tri-band let me know). What strikes me as intersting is the APRS function the kenwood TH-D7AG has, but the TH-F6A has the tri band capability. As I have said, one of my interests is listening to air traffic (know i don't need a license to do this :). I also enjoy hiking and camping (sounds like a date ad in the paper), and thought the APRS feature would be nice to have in a radio. If anyone can help me narrow down my choices that would be great.
Thanks,
Kevin

2071. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 13:28:21 UTC
From: Harry Gross <harry144@optonline.net>
Message-ID: <4551DB75.1080801@optonline.net>
Source record: 49845
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

Cecil Moore wrote:
> kcdillon@rochester.rr.com wrote:
>> Directory > Reference > Wikipedia continuous wave
>> A continuous wave or continuous waveform (CW) is an electromagnetic
>> wave of constant amplitude and frequency; and in mathematical analysis,
>> of infinite duration.
>
> Thus, a continuous wave is incapable of conveying
> any information.

Um, not quite:-) The very presence of the CW signal conveys SOME
information (e.q. the fact that something is out there generating it:-)

It's the turning on and off of the wave that conveys most of the USEFUL
information:-) Which makes CW communication a DIGITAL mode, by the way.

Harry

2072. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 16:04:07 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Xdn4h.7005$9v5.5642@newssvr29.news.prodigy.net>
Source record: 49846
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

Harry Gross wrote:
>
> Cecil Moore wrote:
>> Thus, a continuous wave is incapable of conveying
>> any information.
>
> Um, not quite:-) The very presence of the CW signal conveys SOME
> information (e.q. the fact that something is out there generating it:-)

"Information - an indication of the number of possible
choices of messages, expressible as the value of some
monotonic function of the number of choices."
--
73, Cecil http://www.w5dxp.com

2073. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 16:31:19 UTC
From: JD <andersonj@acu.edu>
Message-ID: <rDn4h.1397$6t.321@newssvr11.news.prodigy.com>
Source record: 49847
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

Is this a Chat Room?
"Slow Code" <my.mail@no.spam> wrote in message
news:4C94h.3637$L6.184@newsread3.news.pas.earthlink.net...
>
> When CW is gone, CB'ers will get the other bands too.
>
>
> SC

2074. Re: Recommendations for 800 Mhz cell phone Yagi antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 18:21:12 UTC
From: Bob Dixon <dixon.8@osu.edu>
Message-ID: <dixon.8-93C95E.13211208112006@charm.magnus.acs.ohio-state.edu>
Source record: 49848

Get LMR-400 Ultraflex. Much more flexible.
Adaptor cords are available for most any phone from various suppliers.
Try google on "cell phone antenna cord"

Bob

In article <bs12l29ti2btimoh2h5jg0smbueqfke2ne@4ax.com>,
Tony VE6MVP <tony@REMOVEve6mvp.com> wrote:

> On 7 Nov 2006 04:31:37 -0800, "Denny" <k8do@mailblocks.com> wrote:
>
> >Tony, look in the ARRL Antenna Handbook...
>
> Interesting idea. I just received the 16th ediition which I got from
> someone on Ebay. I
>
> >Put a decent piece of RG8 or LMR400 on it and
> >it should play well...
>
> That LMR400 is fairly stiff stuff. The biggest problem would be
> locating the end that fits on the Motorala bag phone especially with
> LMR 400.
>
> I have no idea what kind of end it is but I'm sure a commercial radio
> shop can tell me.
>
> Tony

2075. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 20:31:51 UTC
From: larya <larya@rogers.com>
Message-ID: <1163017911.266486.104440@m7g2000cwm.googlegroups.com>
Source record: 49849
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

I think you will find that cw is making a comeback. Now that the cw
requirement has been serverly reduced, more hams are getting into cw
and it should be starting to make a comback....

Second... I also think you will find that the fcc, and in my country
the IC, are deeply regretting the conversion of 11 meters to 'cb'.
Virtually all of our bad radio operating procedures, of all radio
services, can all be traced back to the bad operating technique found
in the 11 meter cb band....

Larry ve3fxq

Slow Code wrote:
> When CW is gone, CB'ers will get the other bands too.
>
>
> SC

2076. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 20:51:18 UTC
From: Mark@kb9rqz.aprs
Message-ID: <qng4l25fdjfooduifg7sktfgclf10uoofp@4ax.com>
Source record: 49850
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

On 8 Nov 2006 12:31:51 -0800, "larya" <larya@rogers.com> wrote:

>I think you will find that cw is making a comeback. Now that the cw
>requirement has been serverly reduced, more hams are getting into cw
>and it should be starting to make a comback....
>
>Second... I also think you will find that the fcc, and in my country
>the IC, are deeply regretting the conversion of 11 meters to 'cb'.
>Virtually all of our bad radio operating procedures, of all radio
>services, can all be traced back to the bad operating technique found
>in the 11 meter cb band....

CW could make a something of a comeback Like AM if it advocates can
learn better manners bothon here and on the air dealing with newer CW
Ops

as it I I suspect MORSE USE is doomed by the attittude of it's
advocates
>
>Larry ve3fxq
>
>
>Slow Code wrote:
>> When CW is gone, CB'ers will get the other bands too.
>>
>>
>> SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2077. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 20:55:03 UTC
From: jimp@specsol.spam.sux.com
Message-ID: <9os924-mvo.ln1@mail.specsol.com>
Source record: 49851
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

In rec.radio.amateur.antenna Cecil Moore <mycall@hotmail.com> wrote:
> Harry Gross wrote:
> >
> > Cecil Moore wrote:
> >> Thus, a continuous wave is incapable of conveying
> >> any information.
> >
> > Um, not quite:-) The very presence of the CW signal conveys SOME
> > information (e.q. the fact that something is out there generating it:-)

> "Information - an indication of the number of possible
> choices of messages, expressible as the value of some
> monotonic function of the number of choices."
> --
> 73, Cecil http://www.w5dxp.com

How about a DF to give the bearing to the transmitter?

See straws, grasping.

--
Jim Pennino

Remove .spam.sux to reply.

2078. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 21:37:20 UTC
From: David Thompson <thompson@mindspring.com>
Message-ID: <k6s4h.4055$0r.3409@newsread1.news.pas.earthlink.net>
Source record: 49852
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

That was 50 years ago! If you listened to the ARRL SS last weekend you
know CW is not dead. Look at Dx Summit spots...CW is by far the majority!
And I am mostly SSB!

Dave K4JRB

2079. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 21:39:45 UTC
From: David Thompson <thompson@mindspring.com>
Message-ID: <B8s4h.4056$0r.2900@newsread1.news.pas.earthlink.net>
Source record: 49853
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

Stop posting on multiple newsgroups. Don't you have anything else to do
Dave K4JRB

"Slow Code" <my.mail@no.spam> wrote in message
news:4C94h.3637$L6.184@newsread3.news.pas.earthlink.net...
>
> When CW is gone, CB'ers will get the other bands too.
>
>
> SC

2080. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 21:48:19 UTC
From: Mark@kb9rqz.aprs
Message-ID: <v2k4l2hkl1j8hlfm94m70qulmadgeamlq5@4ax.com>
Source record: 49854
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

On Wed, 08 Nov 2006 21:39:45 GMT, "David Thompson"
<thompson@mindspring.com> wrote:

>Stop posting on multiple newsgroups. Don't you have anything else to do
>Dave K4JRB
he has to do that he is trying to try up RRAP and can't find any
support for his desires to destory the ARS by taking the liecsening
back to the 1950's
>
>"Slow Code" <my.mail@no.spam> wrote in message
>news:4C94h.3637$L6.184@newsread3.news.pas.earthlink.net...
>>
>> When CW is gone, CB'ers will get the other bands too.
>>
>>
>> SC
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2081. Re: Handheld transeiver

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 22:23:27 UTC
From: Bob Bob <bob3bob3@cox.net>
Message-ID: <202a24-s6r.ln1@p400bob.personal.cox.net>
Source record: 49860

Hi Kevin

Congrats!

What to get is always a hard choice.

My personal view (probably very different from many others) is that newer radios are actually worse off than older models in many cases. The move towards a single RF broadband design with CPU/software selected frequencies tends to make them more prone to interference (selectivity issues). The manufacturers answer to these issues is then to often reduce sensitivity or make a big thing about DCS! If I was looking at a new device I would carefully sort through the RF performance specs first. My rule of thumb is that if it hasn't got a few RF front end (helical) cavities it isn't worth buying!

I'd suggest that if you are looking for something new, rank what features are important to you and look up user reviews when you get a shorter lost. You may end up having to make a choice based on features rather than RF performance.

Personally I'd take an old IC202 (SSB txcv) on a camping trip if there were no nearby rptrs. If I wanted FM I'd go for the old IC2A with a home made PA. Both these radios are really low on DC power consumption.

Is APRS really that important to you whilst portable? A cheap laptop and a sound card interface will also work well if you don't mind the extra weight!

Apologies for not being specific.

Cheers Bob W5/VK2YQA

Kevin wrote:
>
> Hi all,
> KB8HVF here.

2082. Re: recap

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 22:28:25 UTC
From: "Mark@kb9rqz.aps" <Mark@kb9rqz.aprs>
Message-ID: <45524d29$0$12135$88260bb3@free.teranews.com>
Source record: 49855
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.shortwave,rec.radio.swap

1) I was draft into the US Army.
2) I is a member of the Chemcal Cops
3) The military wont let me retire.
4) I dosn't serve under the name 'Mark Morgan but that's okay cuz theFBI,
DOD, and CIA have al todl me I candodit.
5) I is on-the-lam from stalking former marines and fatal
atraction four ex-shemale wifes alamooney
6) I was recenty, paying $5/hr. to acess my ISP
7) I has a 248 IQ, but cant figre out how touse a spel checker.
8) I is a bi-sexual Pagan male ham who like to be spanked.
9) I can't find any action on the military base in Central IL, so I hav to
ask the peple on th USNET.
http://www.marksspamblog.blogspot.com/

10) I punce dunce

--
Posted via a free Usenet account from http://www.teranews.com

2083. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 22:30:49 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <l4GdnZhp6e4Kx8_YnZ2dnUVZ_vCdnZ2d@comcast.com>
Source record: 49856
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

jimp@specsol.spam.sux.com wrote:

> In rec.radio.amateur.antenna Cecil Moore <mycall@hotmail.com> wrote:
>
>>Harry Gross wrote:
>>
>>>Cecil Moore wrote:
>>>
>>>>Thus, a continuous wave is incapable of conveying
>>>>any information.
>>>
>>>Um, not quite:-) The very presence of the CW signal conveys SOME
>>>information (e.q. the fact that something is out there generating it:-)
>
>
>>"Information - an indication of the number of possible
>>choices of messages, expressible as the value of some
>>monotonic function of the number of choices."
>>--
>>73, Cecil http://www.w5dxp.com
>
>
> How about a DF to give the bearing to the transmitter?
>
> See straws, grasping.
>

How about a carrier that confirms ALL OK.

Absence of carrier = Problem exists.

2084. Looking for a base antenna for a Yeasu 8900R

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 22:46:58 UTC
From: nobody@nowhere.com
Message-ID: <ngn4l2tl9i5jfte1dg8ofn9qr9mjhf24rj@4ax.com>
Source record: 49857

I'm looking for an antenna for a Yeasu 8900R. 4 band base radio. Its not a base radio but I'll be using it as such.

thanks

2085. Protection of 23cm / 13cm antennas - what paint or coating?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 22:59:00 UTC
From: ferrymanr <richardferryman@btinternet.com>
Message-ID: <s7-dnaRThJOn_M_YnZ2dnUVZ8qSdnZ2d@bt.com>
Source record: 49858

I have home made antennas for 23cm and 13cm ATV. These are made mainly of copper, Copper clad fibreglas PCB material and 3mm diameter silver plated wire with silver plated N-Type connectors an solid copper coax. I want to protect them from corrosion etc. Is there a paint, varnish, laquer etc. (ideally an aerosol type) that I can use which will not introduce losses? If someone can give me guidance as to what base type - for example acrylic - I should use it would be most helpful. I am always wary of the sprays supplied for spraying vehicles but these seem to be the most commonly available.
Thank you
Dick G4BBH

2086. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 23:01:36 UTC
From: JD <andersonj@acu.edu>
Message-ID: <klt4h.1512$6t.22@newssvr11.news.prodigy.com>
Source record: 49859
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

```
This is worse that a chat room, lotsalaughs
"JD" <andersonj@acu.edu> wrote in message
news:rDn4h.1397$6t.321@newssvr11.news.prodigy.com...
> Is this a Chat Room?
> "Slow Code" <my.mail@no.spam> wrote in message
> news:4C94h.3637$L6.184@newsread3.news.pas.earthlink.net...
>>
>> When CW is gone, CB'ers will get the other bands too.
>>
>>
>> SC
>
```

2087. id theft remains a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 23:15:25 UTC
From: Mark@kb9rqz.aprs
Message-ID: <k7p4l21mr1ssku0c65t62m7qhs8uqkou1b@4ax.com>
Source record: 49861
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.shortwave,rec.radio.swap

On Wed, 8 Nov 2006 17:28:25 -0500, "Mark@kb9rqz.aps"
<Mark@kb9rqz.aprs> wrote:

>
> 1) I was draft into the US Army.

id theft remains a crime
and the same old lies steve why do you bother
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2088. Re: Protection of 23cm / 13cm antennas - what paint or coating?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 23:16:21 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <9zt4h.22648$HD6.10300@tornado.southeast.rr.com>
Source record: 49862

Is it a yagi? What size are they?
Joe

"ferrymanr" <richardferryman@btinternet.com> wrote in message
news:s7-dnaRThJOn_M_YnZ2dnUVZ8qSdnZ2d@bt.com...
> I have home made antennas for 23cm and 13cm ATV. These are made mainly of
> copper, Copper clad fibreglas PCB material and 3mm diameter silver plated
> wire with silver plated N-Type connectors an solid copper coax. I want to
> protect them from corrosion etc. Is there a paint, varnish, laquer etc.
> (ideally an aerosol type) that I can use which will not introduce losses?
> If someone can give me guidance as to what base type - for example
acrylic -
> I should use it would be most helpful. I am always wary of the sprays
> supplied for spraying vehicles but these seem to be the most commonly
> available.
> Thank you
> Dick G4BBH
>
>

2089. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 23:43:07 UTC
From: N2EY@AOL.COM
Message-ID: <1163029387.830593.79290@m7g2000cwm.googlegroups.com>
Source record: 49863
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

David G. Nagel wrote:
> Slow Code wrote:
> > When CW is gone, CB'ers will get the other bands too.

> > SC

> Actually what the FCC did was to take the 11 meter band and create the
> General Radio Service Class C and Class D.
> Class C was limited to only a few channels (6) limited to control and
> paging. Class D was farmed out as 23 channels with only AM modulation
> and a max. of 5 watts power input to the finals. This was later
> modified to 40 channels and 4 watts input.

Wasn't it 4 watts output?

> The classic CB'er came just prior to the increase to 40 channels.
>
> Dave N
> KBH1602 (very expired)

Some more facts:

11 meters was never a ham band by international treaty. FCC allowed hams to use it on a shared basis with Industrial, Scientific and Medical users after WW2. This was done in part as a sort of compensation for hams' loss of 160 meters to LORAN after WW2.

The Citizens' Radio Service was created by FCC in the late 1940s. The original Class A and Class B services were on UHF - right where FRS and GMRS are now.

The problem was that, in those days, the UHF radios that performed well were big, heavy, expensive, power hungry and complex. Simple UHF sets that were small, light, inexpensive and simple didn't perform too well.

The Citizen's Radio service had so few takers at the end of 10 years that FCC created Class C and Class D, at 27 MHz. Low power channelized sets for 27 MHz could be made small and inexpensive even with the technology of the late 1950s.

FCC could take the band away from hams because it wasn't a ham band by treaty anyway. They also argued that the creation of the 15 meter ham band in 1954, and the gradual return of 160 to hams, meant that 11 meters wasn't critical to ham radio.

Add to that the fact that 11 meters wasn't the most-popular ham band anyway. Many popular rigs of the time didn't even cover the band. It

wasn't harmonically related to the other HF/MF ham bands of the era, and in many areas it was full of noise from ISM users like diathermy machines, vacuum formers, etc. Since many other countries didn't allocate 11 meters to hams, there wasn't as much DX to work on 11. And the 1.7 MHz wide 10 meter band was right next door.

Of course hams didn't like losing the band, fearing that it was a harbinger of things to come, but it wasn't. Over the intervening years, we hams got all of 160 back, and three new HF bands at 30, 17 and 12 meters. The cb boom of the '70s came and went, and hams are still here.

73 de Jim, N2EY

2090. Re: Protection of 23cm / 13cm antennas - what paint or coating?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-08 23:52:15 UTC
From: ferrymanr <richardferryman@btinternet.com>
Message-ID: <MdudnReKVoMo8M_YnZ2dnUVZ8sOdnZ2d@bt.com>
Source record: 49864

These are 'bow tie' antennas. A double quad fed as the corners looking a bit like a figure of 8 and space above a copper reflector. Gives me over 9dBi gain and excellent bandwidth. I use them on their own or as the feed to a simple large mesh reflector system, a section of a parabolic dish in fact.. The 23 cm version has quads of 56mm sides. The reflector is 17cm x 23cm of single side copper clad fibreglass. 13 cm version is directly scaled down in size. See http://www.w6pql.com/23cm_double_quad.htm but mine does not have mesh reflector but the copper clad board instead rather like http://www.vhfman.freeuk.com/radio/23cmantennas.html.
Dick

"Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in message
news:9zt4h.22648$HD6.10300@tornado.southeast.rr.com...
> Is it a yagi? What size are they?
> Joe
>
> "ferrymanr" <richardferryman@btinternet.com> wrote in message
> news:s7-dnaRThJOn_M_YnZ2dnUVZ8qSdnZ2d@bt.com...
>> I have home made antennas for 23cm and 13cm ATV. These are made mainly
>> of
>> copper, Copper clad fibreglas PCB material and 3mm diameter silver plated
>> wire with silver plated N-Type connectors an solid copper coax. I want
>> to
>> protect them from corrosion etc. Is there a paint, varnish, laquer etc.
>> (ideally an aerosol type) that I can use which will not introduce losses?
>> If someone can give me guidance as to what base type - for example
> acrylic -
>> I should use it would be most helpful. I am always wary of the sprays
>> supplied for spraying vehicles but these seem to be the most commonly
>> available.
>> Thank you
>> Dick G4BBH
>>
>>
>
>

2091. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 00:23:41 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <hyu4h.9002$B31.8504@newssvr27.news.prodigy.net>
Source record: 49865
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

Dave wrote:
> How about a carrier that confirms ALL OK.
> Absence of carrier = Problem exists.

Absence of carrier is the opposite of
continuous wave. :-)
--
73, Cecil http://www.w5dxp.com

2092. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 00:45:30 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <KSu4h.4104$0r.533@newsread1.news.pas.earthlink.net>
Source record: 49867
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

John Smith <assemblywizard@gmail.com> wrote in
news:eir9jg$b9u$1@aioe.server.aioe.org:

> Tell us man, we are here to help you! Don't be afraid to admit it and
> come clean. You already have our pity, although you found the end to
> our patience a while back.
>
> JS

John,

If it's not too difficult for your tiny CW hating brain to handle, try to
figured out how to use your killfile. Everyone is tired of seeing your
retard follow-ups to my protect ham radio posts. Tnx.

Try not to get your pants dirty when you sit on the floor at the next
club meeting.

SC

2093. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 00:45:33 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <NSu4h.4106$0r.399@newsread1.news.pas.earthlink.net>
Source record: 49866
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

Cecil Moore <mycall@hotmail.com> wrote in
news:hyu4h.9002$B31.8504@newssvr27.news.prodigy.net:

> Dave wrote:
>> How about a carrier that confirms ALL OK.
>> Absence of carrier = Problem exists.
>
> Absence of carrier is the opposite of
> continuous wave. :-)

And switching between the two with various patterns can convey a message.

Those with a brain and who aren't lazy can receive it, those that can't
should stay on CB.

SC

2094. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 00:45:40 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <USu4h.4111$0r.1219@newsread1.news.pas.earthlink.net>
Source record: 49869
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

He'sDoneItAgain <again@emanon.net> wrote in
news:Xuj4h.1337$6t.12@newssvr11.news.prodigy.com:

> You wrote:
>> In article <1162877457.065507.167550@m73g2000cwd.googlegroups.com>,
>> "Too_Many_Tools" <too_many_tools@yahoo.com> wrote:
>>
>>> Do the right thing....bring the troops home starting tomorrow.
>>>
>>> TMT
>>
>> TMT is a "Cut and Run" Limp Dick, and needs to grow a spine.......
>
> Now, now...you're BOTH right--the "cut and runners" AND the "stay and
> fighters".
>
> Big Trouble if we stay!
>
> Big Trouble if we go!
>
> Thanks, Georgie, for painting us into the perfect corner.

That's funny, the people in uniform doing the clean-up work over there
think we're winning, they can't understand why the democrats and the main
stream media say the things it says regarding Iraq.

Of course now that the democrats have taken over, we have lost Iraq. We
weren't defeated, we'll just cut & run.

Terrorist worldwide, rejoice. Democrats have handed you another victory!

SC

2095. Never under estimate the power of stupid people in large groups.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 00:45:44 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <YSu4h.4114$0r.1277@newsread1.news.pas.earthlink.net>
Source record: 49868
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

I hope one day the republicans figure that out.

SC

2096. Re: Rumsfeld Resigns!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 00:45:48 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <0Tu4h.4117$0r.1798@newsread1.news.pas.earthlink.net>
Source record: 49870
Cross-posted to: rec.radio.amateur.antenna,rec.radio.shortwave,rec.radio.amateur.misc

"Art Harris" <n2ah@hotmail.com> wrote in
news:1163010550.885165.120810@m73g2000cwd.googlegroups.com:

> See:
> http://www.cnn.com/2006/POLITICS/11/08/rumsfeld.ap/index.html
>
>

That was a smart move for Rumsfeld. Why try to protect America and win
the wars when the democrats aren't going to let you win?

All along the democrats were more concerned about terrorist rights,
instead of terrorist deaths.

SC

2097. Re: Protection of 23cm / 13cm antennas - what paint or coating?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 01:08:35 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <ncv4h.22702$HD6.6426@tornado.southeast.rr.com>
Source record: 49871

It seems to me that you could put the whole thing in a tube. If I understand
you correctly.

Joe

"ferrymanr" <richardferryman@btinternet.com> wrote in message
news:MdudnReKVoMo8M_YnZ2dnUVZ8sOdnZ2d@bt.com...
> These are 'bow tie' antennas. A double quad fed as the corners looking a
> bit like a figure of 8 and space above a copper reflector. Gives me over
> 9dBi gain and excellent bandwidth. I use them on their own or as the feed
> to a simple large mesh reflector system, a section of a parabolic dish in
> fact.. The 23 cm version has quads of 56mm sides. The reflector is 17cm
x
> 23cm of single side copper clad fibreglass. 13 cm version is directly
> scaled down in size. See http://www.w6pql.com/23cm_double_quad.htm but
mine
> does not have mesh reflector but the copper clad board instead rather like
> http://www.vhfman.freeuk.com/radio/23cmantennas.html.
> Dick
>
> "Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in message
> news:9zt4h.22648$HD6.10300@tornado.southeast.rr.com...
> > Is it a yagi? What size are they?
> > Joe
> >
> > "ferrymanr" <richardferryman@btinternet.com> wrote in message
> > news:s7-dnaRThJOn_M_YnZ2dnUVZ8qSdnZ2d@bt.com...
> >> I have home made antennas for 23cm and 13cm ATV. These are made mainly
> >> of
> >> copper, Copper clad fibreglas PCB material and 3mm diameter silver
plated
> >> wire with silver plated N-Type connectors an solid copper coax. I want
> >> to
> >> protect them from corrosion etc. Is there a paint, varnish, laquer
etc.
> >> (ideally an aerosol type) that I can use which will not introduce
losses?
> >> If someone can give me guidance as to what base type - for example
> > acrylic -
> >> I should use it would be most helpful. I am always wary of the sprays
> >> supplied for spraying vehicles but these seem to be the most commonly
> >> available.
> >> Thank you
> >> Dick G4BBH
> >>

> >>
> >
> >
>
>

2098. Re: Handheld transeiver

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 01:44:34 UTC
From: Kevin <knball@gmail.com>
Message-ID: <1163036674.174589.132670@e3g2000cwe.googlegroups.com>
Source record: 49872

Hi Bob,
Well the APRS really isn't that important. I feel it would be more of
a toy that I would tire of really fast. As for what is important to
me, I am too new to really have any idea of what I might consider
important. This is also something I am trying to figure out :) Sorry
for the ignorance.
Thanks a lot
Bob Bob wrote:
> Hi Kevin
>
> Congrats!
>
> What to get is always a hard choice.
>
> My personal view (probably very different from many others) is that
> newer radios are actually worse off than older models in many cases. The
> move towards a single RF broadband design with CPU/software selected
> frequencies tends to make them more prone to interference (selectivity
> issues). The manufacturers answer to these issues is then to often
> reduce sensitivity or make a big thing about DCS! If I was looking at a
> new device I would carefully sort through the RF performance specs
> first. My rule of thumb is that if it hasn't got a few RF front end
> (helical) cavities it isn't worth buying!
>
> I'd suggest that if you are looking for something new, rank what
> features are important to you and look up user reviews when you get a
> shorter lost. You may end up having to make a choice based on features
> rather than RF performance.
>
> Personally I'd take an old IC202 (SSB txcv) on a camping trip if there
> were no nearby rptrs. If I wanted FM I'd go for the old IC2A with a home
> made PA. Both these radios are really low on DC power consumption.
>
> Is APRS really that important to you whilst portable? A cheap laptop and
> a sound card interface will also work well if you don't mind the extra
> weight!
>
> Apologies for not being specific.
>
> Cheers Bob W5/VK2YQA
>
>
> Kevin wrote:
> >

> > Hi all,
> > KB8HVF here.

2099. Re: Rumsfeld Resigns!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 02:04:22 UTC
From: kd5sak <kd5sak@sbcglobal.net>
Message-ID: <G0w4h.7249$9v5.3282@newssvr29.news.prodigy.net>
Source record: 49873
Cross-posted to: rec.radio.amateur.antenna,rec.radio.shortwave,rec.radio.amateur.misc

"Slow Code" <my.mail@no.spam> wrote in message
news:0Tu4h.4117$0r.1798@newsread1.news.pas.earthlink.net...
> "Art Harris" <n2ah@hotmail.com> wrote in
> news:1163010550.885165.120810@m73g2000cwd.googlegroups.com:
>
>> See:
>> http://www.cnn.com/2006/POLITICS/11/08/rumsfeld.ap/index.html
>>
>>
>
>
> That was a smart move for Rumsfeld. Why try to protect America and win
> the wars when the democrats aren't going to let you win?
>
> All along the democrats were more concerned about terrorist rights,
> instead of terrorist deaths.
>
> SC

Hey, Dude, we don't agree on CW but otherwise you make a certain amount of
sense.

Harold
KD5SAK

2100. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 02:33:18 UTC
From: Mark@kb9rqz.aprs
Message-ID: <eq45l2lb64kmg2dghqu40o0pp3i6bkqbqf@4ax.com>
Source record: 49874
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Thu, 09 Nov 2006 00:45:30 GMT, Slow Code <my.mail@no.spam> wrote:

>John Smith <assemblywizard@gmail.com> wrote in
>news:eir9jg$b9u$1@aioe.server.aioe.org:
>
>> Tell us man, we are here to help you! Don't be afraid to admit it and
>> come clean. You already have our pity, although you found the end to
>> our patience a while back.
>>
>> JS
>
>
>John,
>
>If it's not too difficult for your tiny CW hating brain to handle, try to
>figured out how to use your killfile. Everyone is tired of seeing your
>retard follow-ups to my protect ham radio posts. Tnx.

lying again SC not everybody
>
>Try not to get your pants dirty when you sit on the floor at the next
>club meeting.

why would he sit on the floor?
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2101. slow crapathon conitues

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 02:39:23 UTC
From: Mark@kb9rqz.aprs
Message-ID: <k655l2pcqcfuk10i5mft74abe9nhcnkafm@4ax.com>
Source record: 49875
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Thu, 09 Nov 2006 00:45:44 GMT, Slow Code <my.mail@no.spam> wrote:

>
>I hope one day the republicans figure that out.
>
>SC
slow crapathon conitues
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2102. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 03:13:40 UTC
From: AC7PN <brunius@rockisland.com>
Message-ID: <1163042020.367417.246210@b28g2000cwb.googlegroups.com>
Source record: 49726
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

Slow Code wrote:
> "AC7PN" <brunius@rockisland.com> wrote in
> news:1162916077.277238.142340@h54g2000cwb.googlegroups.com:
>
> > If you really think that way dude you are too stupid to be a ham.
> >
> > Slow Code wrote:
> >> Don't help the terrorists.
> >>
> >> Don't risk getting killed by a bomb or dying in a
> >> collapsing Skyscraper.
> >>
> >> Vote Republican, and live.
> >>
> >> Tnx, 73
> >> de Slow Code
>
>
>
> Pull your head out of the sand.
>
> SC

Pull your head out of your ass!

RB

2103. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 03:22:38 UTC
From: Mark@kb9rqz.aprs
Message-ID: <ll75l2terl8unodiuhecmoditqt67nrr92@4ax.com>
Source record: 49727
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On 8 Nov 2006 19:13:40 -0800, "AC7PN" <brunius@rockisland.com> wrote:

>
>Slow Code wrote:
>> "AC7PN" <brunius@rockisland.com> wrote in
>> news:1162916077.277238.142340@h54g2000cwb.googlegroups.com:
>>
>> > If you really think that way dude you are too stupid to be a ham.
>> >
>> > Slow Code wrote:
>> >> Don't help the terrorists.
>> >>
>> >> Don't risk getting killed by a bomb or dying in a
>> >> collapsing Skyscraper.
>> >>
>> >> Vote Republican, and live.
>> >>
>> >> Tnx, 73
>> >> de Slow Code
>>
>>
>>
>> Pull your head out of the sand.
>>
>> SC
>
>Pull your head out of your ass!
he can't

since it seem tobe made of shit if he pulled it out he have to flush
it
>
>RB
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2104. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 04:08:23 UTC
From: hamradiowv <hamradiowv.2h00k9@news.radiobanter.com>
Message-ID: <hamradiowv.2h00k9@news.radiobanter.com>
Source record: 49731

Denny Wrote:
> The Morse test neither helps nor hinders... It is simply another
> barrier to be overcome by the motivated... If it weren't for such
> barriers we would all have certificates as neurosurgeons...
> If the feds want to drop CW, fine by me... If you want to discuss it
> look for me on the bottom end of 160 and 80...
>
> denny / k8do

Ahhh someone has finally spoken the truth. How refreshing. We will always have the one percenters in any hobby, activity or other rallying point. When you remove the barriers to admittance you simply let in more one percenters, so now that one percent equals many thousands instead of the hundreds that got through before no code, incentive licensing etc. Its not the gold coaster filled with pride anymore guys, its become the redneck yatch club. Lets help out and team up with the new guys that are not part of the one percenters and you'll find that most of them would have eventually overcome the barriers. Most of the garbage ends up on 2 meter fm and 75 phone that leaves lots of bands and modes for the real amateurs (no coders included) to enjoy. And that doesn't mean that 2 fm and 75 phone are for loosers, by no means. When you swim in a community pool you just stay out of the nasty end and enjoy whats left. If the non-morons get mad and go away then the whole pool becomes nasty. Stay in the hobby, continue to do it the "right" way (lead by example), have fun, ignore the morons, pay attention to the newbies that show promise and the hobby just might survive. Morphed a bit but survive non the less. I welcome the influx of interest good or bad. Without it we would not be enjoying all the new rigs, antennas and accessories that are now on the market since the manufacturers were dropping like flies when we were more of a closed snobish hobby with dwindling numbers. The yahoos don't quite know what to make of the advanced DSP, high quality RF amps, Ops specific radios like the FT847 or IC910 or other inovations like the 1.2 ghz data stuff etc. but it wouldn't be rolling out of the factories if they weren't swelling the ranks of ham radio with new hams good or bad. C U on the bottom end of 160 and 80 ... or 40 SSB on Sunday mornings .... or 20 PSK mid week ... or 6 during that sudden opening on an indian summer morning ... or 10 FM around the greyline ... or, well you get the picture (I Hope) The new hams are not ALL ABOUT doom and gloom unless we (oldtimers?) let it happen and waste all our time crying about it on the newsgroups instead of being on the air communicating, contesting, experimenting and just plain olde fashioned hamming. Acting the fool (or just sounding like one) on the air and calling it fun is the sport of Morons. Serious, intelligent amateur radio is also fun and can usually be found by just changing the

frequency, band or mode. All in all ham radio is getting better or at least has the potential to get better, bigger, broader in scope etc. as long as we don't waste our time bellyaching about the few that slipped under the ever diminishing radar. In fact before all this new ham bashing I remember we had a proportional amount of bad eggs then as well. We just seemed to either tolerate or take care of the problems in a different way. Wake up amateurs, the only way you loose the hobby is if you let go of the reigns.

--
hamradiowv

2105. Re: Handheld transeiver

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 04:12:56 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <4552aaca$0$6152$39cecf19@news.twtelecom.net>
Source record: 49728

Kevin wrote:

> Hi all,
<snip>
> thought the APRS feature would be nice to have in a radio. If anyone
> can help me narrow down my choices that would be great.
> Thanks,
> Kevin
>

There are several good reasons that the Yaesu VX7R is the most popular handheld ever (I think that's correct). The VX6R is also a solidly built, well designed rig and a bit cheaper. I am buying a VX6R for my daughter for Christmas. She likes the slightly smaller size.

Either one is a good choice from a feature perspective. That they both handle multiple reps of the 6 foot drop to concrete floor test is also a great reason to go with them.

tom
K0TAR

2106. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 05:04:03 UTC
From: nojunk@this_address.com
Message-ID: <1hoi0l5.nrtnd7xv1zdyN%nojunk@this_address.com>
Source record: 49729
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

w9gb <spam_protect@arrl.net> wrote:

> "Slow Code" <my.mail@no.spam> wrote in message
> news:5TQ3h.3087$l25.83@newsread4.news.pas.earthlink.net...
> >
> > Don't help the terrorists.
> >
> > Don't risk getting killed by a bomb or dying in a
> > collapsing Skyscraper.
> >
> > Vote Republican, and live.
> >
>
> This is off-topic (OT) - find a political Usenet.
> ----------
> Wow, short-memories.
>
> Remember the 1980s and Reagan administration's fight against the
> Sandinista Revolution (1980 - 1990) in Nicaragua ?
>
> Of course, most people remember the Iran-Contra affair with Oliver North.
> It involved several members of the Reagan Administration who in 1986 helped
> sell arms to Iran, an avowed enemy, (1 of 3 "axis of evil" countries) and
> used the proceeds to fund the Contras, an anti-communist guerrilla
> organization in Nicaragua.
>
> 12 years of Republican administration sure did not solve that problem.
> BTW, remember Jose Daniel Ortega ? -- received majority of votes this week
> http://en.wikipedia.org/wiki/Nicaraguan_general_election,_2006

Funny you should mention that, now that Robert 'Let's funnel arms to the
Contras' Gates has been named the new SecDef!

--
Mike
NAR #70953 - Sr/HPR Level-1 ~ BEMRC - NAR Section #627
NO Junk Email, please! Real email to: amphoto [at] blarg [dot] net.
<WANTED: Experienced Kamikaze Pilot>

2107. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 06:04:17 UTC
From: cmdr buzz corey <cmdr-buzz-corey@mailcity.com>
Message-ID: <1163052257.698157.165480@m73g2000cwd.googlegroups.com>
Source record: 49730
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

X-rated wrote:
> On Wed, 08 Nov 2006 00:34:08 GMT, Slow Code <my.mail@no.spam> wrote:
>
> >
> >When CW is gone, CB'ers will get the other bands too.
> >
> >
> >SC
> ++++++++
> I fail to see the connection between Country and Western music bands
> and amateur radio. And what makes you think that Country and Western
> is endangered in the first place?

Actually today it is Country and Restroom.

2108. Re: Fix up your NEC2! (Bug fix)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 10:03:32 UTC
From: Arie <4nec2@gmx.net>
Message-ID: <1163066611.957028.44150@f16g2000cwb.googlegroups.com>
Source record: 49732

For those using surface-patches in Nec2 and who are afraid running into problems; new Nec2dXS executable files are available at my website.

2109. Re: Whip Antenna Formula

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 11:23:52 UTC
From: Harry Lethall <oeieio@NOSPAAM.hotmail.com>
Message-ID: <eiv349$lp7$1@news.al.sw.ericsson.se>
Source record: 49733

> I have just looked at the antenna and it is made in 4 parts; the whip,
> the chrome spring that the whip gets screwed into, a metal tube [with a
> plastic sleeve covering it. could this be the loading coil?] and lastly,
> the mag base. A small quantity of RG 58 is soldered to the underside of
> the "loading coil", making a very compact antenna.
>
> If I loosen the set screw in the base and pull out the whip, it is 28"
> long; I'd like to cut it so that it will receive/resonate center of the
> 151-174 MHz band. where I do most of my summer monitoring, using my old
> [but still working] BC 210.
>
> How long should I cut the whip to accomplish this? Or is the whip too
> short already!?

Short out the coil and use length(cm)=7300 / MHz as the total length,
including the bridge over the coil.

You could alternatively use the coil to correct the excessive high.angle
radiation of a 5/8-wave antenna. Use total length(cm)=1860 / MHz including
the length of the turns of the coil. If in practice you find you have less
gain than a simple 1/4-wave then go back to plan #1 above.

Note that these lengths are correct, but reality has a habit of varying, so
cut too long and clip the length for best VSWR.

2110. Re: Stripped off coax velocity factor

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 11:32:01 UTC
From: Harry Lethall <oeieio@NOSPAAM.hotmail.com>
Message-ID: <eiv3jh$lu4$1@news.al.sw.ericsson.se>
Source record: 49734

> Let's say I have a coax cable with 83% velocity factor. I want to use
> its inner conductor (that is solid copper single conductor) so I remove
> the outer sheath and the braid.
>
> I am left with the inner conductor and what was the dielectric, now
> performing as an insulator around my wire.
>
> What is the resulting velocity factor?
> * 83%, as the original cable
> * 100%, copper's
> * something else?

As others have already mentioned, you have a bit of wire with a plastic environmental sheath. You didn't mention the frequency, but for HF I have each close to trees. The calculated length is about 4% longer than the the actual length requred for resonance, even with more than 3 metres of nylon cord to support the ends.

In other words, the velocity factor of a bit of wire in space is 1. Put it near something and that VF falls a bit. Stuff it in a metal tube and it will fall a LOT, maybe even approaching half (0.66).

2111. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 12:58:38 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <g_ednVZgXbthuM7YnZ2dnUVZ_uqdnZ2d@comcast.com>
Source record: 49735
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

N2EY@AOL.COM wrote:

SNIPPED

> Some more facts:
>
> 11 meters was never a ham band by international treaty. FCC allowed
> hams to use it on a shared basis with Industrial, Scientific and
> Medical users after WW2. This was done in part as a sort of
> compensation for hams' loss of 160 meters to LORAN after WW2.
>
> The Citizens' Radio Service was created by FCC in the late 1940s. The
> original Class A and Class B services were on UHF - right where FRS
> and GMRS are now.
>
> The problem was that, in those days, the UHF radios that performed well
> were big, heavy, expensive, power hungry and complex. Simple UHF sets
> that were small, light, inexpensive and simple didn't perform too well.
>
>
> The Citizen's Radio service had so few takers at the end of 10 years
> that FCC created Class C and Class D, at 27 MHz. Low power channelized
> sets for 27 MHz could be made small and inexpensive even with the
> technology of the late 1950s.
>
> FCC could take the band away from hams because it wasn't a ham band by
> treaty anyway. They also argued that the creation of the 15 meter ham
> band in 1954, and the gradual return of 160 to hams, meant that 11
> meters wasn't critical to ham radio.
>
> Add to that the fact that 11 meters wasn't the most-popular ham band
> anyway. Many popular rigs of the time didn't even cover the band. It
> wasn't harmonically related to the other HF/MF ham bands of the era,
> and in many areas it was full of noise from ISM users like diathermy
> machines, vacuum formers, etc. Since many other countries didn't
> allocate 11 meters to hams, there wasn't as much DX to work on 11. And
> the 1.7 MHz wide 10 meter band was right next door.
>
> Of course hams didn't like losing the band, fearing that it was a
> harbinger of things to come, but it wasn't. Over the intervening years,
> we hams got all of 160 back, and three new HF bands at 30, 17 and 12
> meters. The cb boom of the '70s came and went, and hams are still here.
>
> 73 de Jim, N2EY

>

As a former user of 11 meters, the Ham Band, this summary pretty much reflects my memory of events. BTW, my old Multi-Elmac AH-54 [if I recall] had 11 meters factory installed. It drifted "slighlty" during each transmission. Slightly meaning 50 +/- KHz. I had to use crystal control to stay reasonably close to any frequency!

2112. Rumsfeld , more like Dumsfeld!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 13:10:40 UTC
From: Not Cocksucker Lloyd <not_time_turd_lloyd@yahoo.com>
Message-ID: <1163077840.749991.173240@i42g2000cwa.googlegroups.com>
Source record: 49736
Cross-posted to: rec.radio.amateur.antenna,rec.radio.shortwave,rec.radio.amateur.misc

```
Slow Code wrote:
> "Art Harris" <n2ah@hotmail.com> wrote in
> news:1163010550.885165.120810@m73g2000cwd.googlegroups.com:
>
> > See:
> > http://www.cnn.com/2006/POLITICS/11/08/rumsfeld.ap/index.html
> >
> >
>
>
> That was a smart move for Rumsfeld. Why try to protect America and win
> the wars when the democrats aren't going to let you win?
>
> All along the democrats were more concerned about terrorist rights,
> instead of terrorist deaths.

Good riddence, he should take Bush and Chaney with him.
```

2113. hello every1

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 13:26:37 UTC
From: arnab <arunabh71@gmail.com>
Message-ID: <1163078796.994871.231090@i42g2000cwa.googlegroups.com>
Source record: 49737

hi everybody
im new to this group i wanted to know whic are the american
universities which are presently doing good research work in the fields
of electromagnetics and antennas
thanx
bye
arunabh

2114. Re: hello every1

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 13:57:37 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <ltG4h.3027$IR4.2110@newssvr25.news.prodigy.net>
Source record: 49738

arnab wrote:
> im new to this group i wanted to know whic are the american
> universities which are presently doing good research work in the fields
> of electromagnetics and antennas

Dr. Balanis at Arizona State University always has
something going on. I took his antenna course around
1990.
--
73, Cecil http://www.w5dxp.com

2115. Re: Looking for a base antenna for a Yeasu 8900R

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 14:08:45 UTC
From: Bob Bob <bob3bob3@cox.net>
Message-ID: <icpb24-ak1.ln1@p400bob.personal.cox.net>
Source record: 49741

My gut feel is that even if an antenna existed that you could buy, it would be a major compromise on (say) half of the bands. Depending on how unscrupulous the seller was they may (say) make gain claims on lobes that are nowhere near in the direction you want! Its relatively easy to load a multiband antenna (for low VSWR etc). Its another matter to make it radiate where you want it to.

I's personally look at the two band market and get two antennas. 2/70 for example seem to have some good designs. If you feel like building have a look at an extended double zepp design with a larger hairpin section.

Cheers Bob VK2YQA

nobody@nowhere.com wrote:
>
> I'm looking for an antenna for a Yeasu 8900R. 4 band base radio. Its
> not a base radio but I'll be using it as such.
>
> thanks

2116. Re: hello every1

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 14:40:27 UTC
From: gwatts <gwatts@frontiernet.net>
Message-ID: <v5H4h.5122$ya1.1539@news02.roc.ny>
Source record: 49739

arnab wrote:
> hi everybody
> im new to this group i wanted to know whic are the american
> universities which are presently doing good research work in the fields
> of electromagnetics and antennas
> thanx
> bye
> arunabh
>

A quick glance at the IEEE Antennas and Propagation Society publications show magazine staff at places like the Georgia Institute of Technology (Tech), University of Massachusetts Lowell, Syracuse U., U. of Connecticut, U. of New Mexico, U. of Utah, Utah State U., U. of Mississippi., U. of Houston, U. of Illinois Chicago, U. of Colorado, U. of Central Florida, Penn State, U. of Idaho. I am also aware of ongoing research at the U. of Virginia, Virginia Tech and Ohio State U.

Good? In the eye of the beholder...

- Galen, W8LNA

2117. Re: hello every1

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 14:48:42 UTC
From: gwatts <gwatts@frontiernet.net>
Message-ID: <edH4h.5023$Ka1.3550@news01.roc.ny>
Source record: 49740

gwatts wrote:
> arnab wrote:
>
>> hi everybody
>> im new to this group i wanted to know whic are the american
>> universities which are presently doing good research work in the fields
>> of electromagnetics and antennas
>> thanx
>> bye
>> arunabh
>>
>
> A quick glance at the IEEE Antennas and Propagation Society publications
> show magazine staff at places like the Georgia Institute of Technology
> (Tech), University of Massachusetts Lowell, Syracuse U., U. of
> Connecticut, U. of New Mexico, U. of Utah, Utah State U., U. of
> Mississippi., U. of Houston, U. of Illinois Chicago, U. of Colorado, U.
> of Central Florida, Penn State, U. of Idaho. I am also aware of ongoing
> research at the U. of Virginia, Virginia Tech and Ohio State U.

Too quick on the click,
Arizona State U. has on line courses as does Georgia Tech, National
Technological U. Penn State, Rochester Inst. of Tech., U of Ill Chicago
and Applied Technology Institute.

...by no means meant o be an exhaustive list...

2118. Re: hello every1

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 15:28:35 UTC
From: Bob Spooner <rls19@psu.edu>
Message-ID: <eivhf9ogq1@f04n12.cac.psu.edu>
Source record: 49742

"arnab" <arunabh71@gmail.com> wrote in message
news:1163078796.994871.231090@i42g2000cwa.googlegroups.com...
> hi everybody
> im new to this group i wanted to know whic are the american
> universities which are presently doing good research work in the fields
> of electromagnetics and antennas
> thanx
> bye
> arunabh
>
Arunabh,

Dr. James K. Breakall (WA3FET) is doing a lot of good work here at Penn State. You can find out more about him and his work at:

http://www.ee.psu.edu/faculty/breakall/breakall1.html

Regards,
Bob AD3K

2119. Re: Never under estimate the power of stupid people in large groups.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 16:29:53 UTC
From: maskirovka <rec@radio.shortwave>
Message-ID: <eivl1q$b3h$1@aioe.server.aioe.org>
Source record: 49743
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

"Slow Code" <my.mail@no.spam> wrote in message
news:YSu4h.4114$0r.1277@newsread1.news.pas.earthlink.net...
>
> I hope one day the republicans figure that out.
>
> SC

They can start by implimenting a voucher system for students of parents who
can not afford private schools.
The bulk of their ever increasing property taxes goes to fund the Socialist
public school system. You know, the system that wants to do away with The
Pledge and instead have our children site quotes from the koran.

2120. Re: Never under estimate the power of stupid people in large groups.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 16:41:05 UTC
From: Mark@kb9rqz.aprs
Message-ID: <7gm6l259r7etop5f873o7urekco4iurn42@4ax.com>
Source record: 49744
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Thu, 9 Nov 2006 10:29:53 -0600, "maskirovka" <rec@radio.shortwave>
wrote:

>
>"Slow Code" <my.mail@no.spam> wrote in message
>news:YSu4h.4114$0r.1277@newsread1.news.pas.earthlink.net...
>>
>> I hope one day the republicans figure that out.
>>
>> SC
>
>They can start by implimenting a voucher system for students of parents who
>can not afford private schools.
>The bulk of their ever increasing property taxes goes to fund the Socialist
>public school system. You know, the system that wants to do away with The
>Pledge and instead have our children site quotes from the koran.
>
tlak about a stupid person they could not implement that when they
controled congress
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2121. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 16:55:06 UTC
From: Joel Kolstad <JKolstad71HatesSpam@yahoo.com>
Message-ID: <12l6nbch852b545@corp.supernews.com>
Source record: 49745
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

"larya" <larya@rogers.com> wrote in message
news:1163017911.266486.104440@m7g2000cwm.googlegroups.com...
> Second... I also think you will find that the fcc, and in my country
> the IC, are deeply regretting the conversion of 11 meters to 'cb'.

I hope not. The FCC providing unlicensed spectrum for the masses was one of the smartest thing they ever did! Yes, it leads to all sorts of horrible operating practices, but CB and -- more contemporarily -- FRS/GMRS and WiFi had provided *huge* benefits for people (and many millions of dollars in equipment sales) nationwide. I'd hate to live in a country where there's no such thing as a license-free $20 pair of FRS-type walkie talkies or $20 WiFi cards for high-speed Internet access.

> Virtually all of our bad radio operating procedures, of all radio
> services, can all be traced back to the bad operating technique found
> in the 11 meter cb band....

I'd say they can be traced back to human nature. People were rowdy and "uncouth" in, say, taverns for thousands of years before CB came along.

---Joel

2122. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 17:01:53 UTC
From: Mark@kb9rqz.aprs
Message-ID: <gln6l2ttl3a7h04cf9jctdvup4tm5t1s09@4ax.com>
Source record: 49746
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

On Thu, 9 Nov 2006 08:55:06 -0800, "Joel Kolstad"
<JKolstad71HatesSpam@yahoo.com> wrote:

>"larya" <larya@rogers.com> wrote in message
>news:1163017911.266486.104440@m7g2000cwm.googlegroups.com...
>> Second... I also think you will find that the fcc, and in my country
>> the IC, are deeply regretting the conversion of 11 meters to 'cb'.
>
>I hope not. The FCC providing unlicensed spectrum for the masses was one of
>the smartest thing they ever did! Yes, it leads to all sorts of horrible
>operating practices, but CB and -- more contemporarily -- FRS/GMRS and WiFi
>had provided *huge* benefits for people (and many millions of dollars in
>equipment sales) nationwide. I'd hate to live in a country where there's no
>such thing as a license-free $20 pair of FRS-type walkie talkies or $20 WiFi
>cards for high-speed Internet access.

the bad part about what they did with CB was providing that band for
and limiting it to local comms when everyone knew it was usable for
longer range stuff this insurred folks would not have much respect for
the rules (wether they obeyed em or not
>
>> Virtually all of our bad radio operating procedures, of all radio
>> services, can all be traced back to the bad operating technique found
>> in the 11 meter cb band....
>
>I'd say they can be traced back to human nature. People were rowdy and
>"uncouth" in, say, taverns for thousands of years before CB came along.
>
>---Joel
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2123. Re: hello every1

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 17:15:33 UTC
From: arnab <arunabh71@gmail.com>
Message-ID: <1163092533.247459.125090@m7g2000cwm.googlegroups.com>
Source record: 49747

thank u frends for all the replies!!!
Bob Spooner wrote:
> "arnab" <arunabh71@gmail.com> wrote in message
> news:1163078796.994871.231090@i42g2000cwa.googlegroups.com...
> > hi everybody
> > im new to this group i wanted to know whic are the american
> > universities which are presently doing good research work in the fields
> > of electromagnetics and antennas
> > thanx
> > bye
> > arunabh
> >
> Arunabh,
>
> Dr. James K. Breakall (WA3FET) is doing a lot of good work here at Penn
> State. You can find out more about him and his work at:
>
> http://www.ee.psu.edu/faculty/breakall/breakall1.html
>
> Regards,
> Bob AD3K

2124. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 17:29:27 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <MNKdnZu_i8vp-M7YnZ2dnUVZ_qudnZ2d@comcast.com>
Source record: 49748
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

Joel Kolstad wrote:

SNIPPED
> I'd say they can be traced back to human nature. People were rowdy and
> "uncouth" in, say, taverns for thousands of years before CB came along.
> ---Joel

I'll agree with the uncouth in the taverns part, but, disagree with the context.

CB brought the uncouth out of the tavern and onto the air.

:-)

2125. Re: Never under estimate the power of stupid people in large groups.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 17:54:04 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <eivq1r$1ak9$1@news.ndhu.edu.tw>
Source record: 49749
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

Slow Code wrote:
> I hope one day the republicans figure that out.
>
> SC

U R an idiot...

JS

2126. Re: Recommendations for 800 Mhz cell phone Yagi antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 18:53:12 UTC
From: Tony VE6MVP <tony@REMOVEve6mvp.com>
Message-ID: <q3u6l2lqtniaknpso4q3itmi8j7dvnd1mn@4ax.com>
Source record: 49750

On Tue, 07 Nov 2006 23:06:11 GMT, Bruce in Alaska <bruceg@btpost.net>
wrote:

>Here in the USA, we are losing our AMPS Network next year, so all the
>3Watt AMPS BagPhones will be non-functional. Most of us bush Folks have
>switched to either Digital BagPhones, or handhelds with external Antenna
>Ports and 3 Watt Booster Amps. I use a Nokia Handheld with external
>10db Panel Antenna, mounted in an Active Cradle that simulates an RJ11
>Jack, and has a Cordless Phone plugged into it. I have a "Line of Sight"
>shot at our local Cellsite, which is 16 miles away, (over water) so I
>don't need the Booster Amp here. Some of the neighbors need them,
>however.

Ah, very interesting. To my knowledge we're not losing ours in
Canada any time soon.

But I also have two cell phones. The small tri band pocket phone and
the bag phone. I've been wondering if I wouldn't be best off figuring
out a good system of using the pocket phone with an external antenna
and only pay for one cell phone.

But also my pocket cell phone is about four years old now. And I
don't want to get stuck with some technology which requires a specific
make and model of cell phone.

Tony

2127. Re: Recommendations for 800 Mhz cell phone Yagi antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 18:53:47 UTC
From: Tony VE6MVP <tony@REMOVEve6mvp.com>
Message-ID: <r8u6l2llg29r034i9n6kh1t66kbs84p52v@4ax.com>
Source record: 49751

On Wed, 08 Nov 2006 13:21:12 -0500, Bob Dixon <dixon.8@osu.edu> wrote:

>Get LMR-400 Ultraflex. Much more flexible.

Good point. I've heard of that stuff in the past but had forgotten
about it.

>Adaptor cords are available for most any phone from various suppliers.
>Try google on "cell phone antenna cord"

Thanks, Tony

2128. Re: Handheld transeiver

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 18:55:35 UTC
From: Tony VE6MVP <tony@REMOVEve6mvp.com>
Message-ID: <icu6l25jroitcahi8dhk3qjjtr2m9lbm6u@4ax.com>
Source record: 49752

On Wed, 08 Nov 2006 22:12:56 -0600, Tom Ring <news0003@taring.org>
wrote:

>There are several good reasons that the Yaesu VX7R is the most popular
>handheld ever (I think that's correct). The VX6R is also a solidly
>built, well designed rig and a bit cheaper. I am buying a VX6R for my
>daughter for Christmas. She likes the slightly smaller size.
>
>Either one is a good choice from a feature perspective. That they both
>handle multiple reps of the 6 foot drop to concrete floor test is also a
>great reason to go with them.

I'm exceedingly happy with my VX5R.

Tony

2129. Re: Whip Antenna Formula

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 19:12:27 UTC
From: Tony VE6MVP <tony@REMOVEve6mvp.com>
Message-ID: <hav6l2h4snkffn9tjo7lh48ddr8rrj1vn3@4ax.com>
Source record: 49753

On Tue, 07 Nov 2006 08:41:03 -0800, "A. Pismo Clam"
<opalockamishabob@'86DASPAMnetscape.net> wrote:

>If I loosen the set screw in the base and pull out the whip, it is 28"
>long; I'd like to cut it so that it will receive/resonate center of the
>151-174 MHz band. where I do most of my summer monitoring, using my old
>[but still working] BC 210.

If all you are doing is receiving then I suspect that the length
really doesn't matter a great deal. Clearly an antenna half as long
wouldn't hear distance signals as well but that would be about it.

Tony

2130. Re: Rumsfeld Resigns!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 19:56:47 UTC
From: Art Harris <n2ah@hotmail.com>
Message-ID: <1163102207.769496.167210@b28g2000cwb.googlegroups.com>
Source record: 49754
Cross-posted to: rec.radio.amateur.antenna,rec.radio.shortwave,rec.radio.amateur.misc

Slow Code wrote:
> > See:
> > http://www.cnn.com/2006/POLITICS/11/08/rumsfeld.ap/index.html
.
> That was a smart move for Rumsfeld. Why try to protect America and win
> the wars when the democrats aren't going to let you win?
>
Oh? You think his strategy has been working well up until now with the
Republicans controlling the White House and both houses of Congress? If
you think the war is going well, I'd hate to see what bad is.

Art

2131. Re: Rumsfeld Resigns!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 20:10:43 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej0222$1hh9$1@news.ndhu.edu.tw>
Source record: 49755
Cross-posted to: rec.radio.amateur.antenna,rec.radio.shortwave,rec.radio.amateur.misc

Slow Code wrote:
> "Art Harris" <n2ah@hotmail.com> wrote in
> news:1163010550.885165.120810@m73g2000cwd.googlegroups.com:
>
>> See:
>> http://www.cnn.com/2006/POLITICS/11/08/rumsfeld.ap/index.html
>>
>>
>
>
> That was a smart move for Rumsfeld. Why try to protect America and win
> the wars when the democrats aren't going to let you win?
>
> All along the democrats were more concerned about terrorist rights,
> instead of terrorist deaths.
>
> SC

U R an idiot...

JS

2132. Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 20:32:40 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej03b7$1iea$1@news.ndhu.edu.tw>
Source record: 49756

In a lecture meant for his inauguration at the University of Leiden in 1920, Einstein remarked:

"...we may say that according to the general theory of relativity space is endowed with physical qualities; in this sense, therefore, there exists an ether. According to the general theory of relativity space without ether is unthinkable; for in such space there not only would be no propagation of light, but also no possibility of existence for standards of space and time (measuring-rods and clocks), nor therefore any space-time intervals in the physical sense. But this ether may not be thought of as endowed with the quality characteristic of ponderable media, as consisting of parts which may be tracked through time. The idea of motion may not be applied to it."

Shortly before his lecture in Leyden in 1920 he admitted in the paper: Grundgedanken und Methoden der Relativitï¿½tstheorie in ihrer Entwicklung dargestellt:

"Therefore I thought in 1905 that in physics one should not speak of the ether at all. This judgement was too radical though as we shall see with the next considerations about the general theory of relativity. It moreover remains, as before, allowed to assume a space-filling medium if one can refer to electromagnetic fields (and thus also for sure matter) as the condition thereof ".

Perhaps he was correct, you think?

JS

2133. Re: Looking for a base antenna for a Yeasu 8900R

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 21:06:43 UTC
From: nobody@nowhere.com
Message-ID: <ms57l2ls5lnvaj46rn2j3dlr4gbogiijjp@4ax.com>
Source record: 49757

On Thu, 09 Nov 2006 08:08:45 -0600, Bob Bob <bob3bob3@cox.net> wrote:

>My gut feel is that even if an antenna existed that you could buy, it
>would be a major compromise on (say) half of the bands. Depending on how
>unscrupulous the seller was they may (say) make gain claims on lobes
>that are nowhere near in the direction you want! Its relatively easy to
>load a multiband antenna (for low VSWR etc). Its another matter to make
>it radiate where you want it to.
>
>I's personally look at the two band market and get two antennas. 2/70
>for example seem to have some good designs. If you feel like building
>have a look at an extended double zepp design with a larger hairpin section.
>
>Cheers Bob VK2YQA
>
>nobody@nowhere.com wrote:
>>
>> I'm looking for an antenna for a Yeasu 8900R. 4 band base radio. Its
>> not a base radio but I'll be using it as such.
>>
>> thanks

I'm not sure what you mean by half of the bands when the radio only
does FM and on 4 bands only. 10M, 6M, 2M, & 70cm. I don't even care
about the 10M as I'm just a tech with no intrest in becoming a
general.

We have several 6M repeaters around here and it'll do 6M simplex on
50W. A beam will get me a lot of distance.

Of course I could buy an Icom 706 MK-II G and then just get a hor beam
or use a G5RV.

2134. Re: Never under estimate the power of stupid people in large groups.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 21:22:33 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej068q$1lf2$1@news.ndhu.edu.tw>
Source record: 49758
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

Slow Code wrote:
> I hope one day the republicans figure that out.
>
> SC

Slow Idiot:

I appeal to you. Perhaps you cannot grasp what we are seeing from your words, let me attempt a better explanation to those presented to you in the past:

Have you ever seen someone in a public place who has something on his face? Have you ever made a motion to convey this to him/her? Did you perhaps see a puzzled look upon that persons face? Did you come to realize they just didn't get it? Did you see the revelation of what you were trying to convey to them suddenly hit home in their mind? Didn't you find they were quickly able to correct the condition and make things right and proper? Didn't you find them a bit embarrassed and thankful to you for helping them?

Or, for yet another example, have you ever attempted to explain a new concept to another individual? Did you ever have that experience where the person failed to get the concept, became confused, and interpreted the data you were attempting to convey them into a totally different concept, or were unable to form any concept in their mind at all? Then, perhaps with further explanation and examples offered from you, they finally were able to grasp the true and real concept. Perhaps then you noticed they were a bit embarrassed from taking so long and appearing so dense? They they apologized for taxing your patience and expending your time and thanked you?

Did you ever consider the fact that the above may be occurring, and is indeed my intention, when I am attempting to convey to you the simple fact that, "U R an idiot?"

Do you realize all we wish is for you to recognize this truth and allow that knowledge to correct your present behavior?

Warmest regards,
thanks for your time,
JS

2135. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 22:02:17 UTC
From: Joel Kolstad <JKolstad71HatesSpam@yahoo.com>
Message-ID: <12l79baai66qgbf@corp.supernews.com>
Source record: 49759
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

"Dave" <W1MCE@comcast.net> wrote in message
news:MNKdnZu_i8vp-M7YnZ2dnUVZ_qudnZ2d@comcast.com...
> CB brought the uncouth out of the tavern and onto the air.

Drive by the tavern... tune past the CBers? ;-)

I suppose amateur radio is supposed to be more a high-class dining
establishment than a dinner -- suit, tie, and official FCC-approved membership
required --, although these days you wouldn't necessarily know it from
listening to the airwaves.

2136. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 22:03:48 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej08m5$1qse$1@news.ndhu.edu.tw>
Source record: 49760

John Smith wrote:
> In a lecture meant for his inauguration at the University of Leiden in
> 1920, Einstein remarked:
>
> "...we may say that according to the general theory of relativity space
> is endowed with physical qualities; in this sense, therefore, there
> exists an ether. According to the general theory of relativity space
> without ether is unthinkable; for in such space there not only would be
> no propagation of light, but also no possibility of existence for
> standards of space and time (measuring-rods and clocks), nor therefore
> any space-time intervals in the physical sense. But this ether may not
> be thought of as endowed with the quality characteristic of ponderable
> media, as consisting of parts which may be tracked through time. The
> idea of motion may not be applied to it."
>
> Shortly before his lecture in Leyden in 1920 he admitted in the paper:
> Grundgedanken und Methoden der Relativitï¿½tstheorie in ihrer Entwicklung
> dargestellt:
>
> "Therefore I thought in 1905 that in physics one should not speak of the
> ether at all. This judgement was too radical though as we shall see with
> the next considerations about the general theory of relativity. It
> moreover remains, as before, allowed to assume a space-filling medium if
> one can refer to electromagnetic fields (and thus also for sure matter)
> as the condition thereof ".
>
> Perhaps he was correct, you think?
>
> JS

Of course, other theories and proposals exit to the unknown/"un-understood":

http://www.mountainman.com.au/aetherqr.htm

JS

2137. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 22:10:48 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej0939$1roe$1@news.ndhu.edu.tw>
Source record: 49761
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

Joel Kolstad wrote:
> "Dave" <W1MCE@comcast.net> wrote in message
> news:MNKdnZu_i8vp-M7YnZ2dnUVZ_qudnZ2d@comcast.com...
>> CB brought the uncouth out of the tavern and onto the air.
>
> Drive by the tavern... tune past the CBers? ;-)
>
> I suppose amateur radio is supposed to be more a high-class dining
> establishment than a dinner -- suit, tie, and official FCC-approved membership
> required --, although these days you wouldn't necessarily know it from
> listening to the airwaves.
>
>
>
>

Hmmm:

You mean you can quickly tell the difference from some self-important, self-worshiping, self-impressed, carried-away-with-oneself personality as opposed to one considering himself/herself to being a student-of-the-world? And, your final implication being, "This group of amateurs is full of the former?"

You present a most interesting observation! <in-a-contemplative-state>

JS

2138. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 23:14:51 UTC
From: N2EY@AOL.COM
Message-ID: <1163114091.811538.251680@b28g2000cwb.googlegroups.com>
Source record: 49762
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

Joel Kolstad wrote:
> "Dave" <W1MCE@comcast.net> wrote in message
> news:MNKdnZu_i8vp-M7YnZ2dnUVZ_qudnZ2d@comcast.com...
> > CB brought the uncouth out of the tavern and onto the air.
>
> Drive by the tavern... tune past the CBers? ;-)
>
> I suppose amateur radio is supposed to be more a high-class dining
> establishment than a dinner -- suit, tie, and official FCC-approved membership
> required --, although these days you wouldn't necessarily know it from
> listening to the airwaves.

I think it depends where you listen...

This past weekend, I was active in the November CW Sweepstakes. Made
over 400 QSOs in 74 sections (all states except Hawaii). Lots of
activity but nothing objectionable at all.

73 de Jim, N2EY

2139. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 23:18:49 UTC
From: N2EY@AOL.COM
Message-ID: <1163114329.736030.120270@m7g2000cwm.googlegroups.com>
Source record: 49763
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

Dave wrote:
> N2EY@AOL.COM wrote:
>
> SNIPPED
>
> > Some more facts:
> >
> > 11 meters was never a ham band by international treaty. FCC allowed
> > hams to use it on a shared basis with Industrial, Scientific and
> > Medical users after WW2. This was done in part as a sort of
> > compensation for hams' loss of 160 meters to LORAN after WW2.
> >
> > The Citizens' Radio Service was created by FCC in the late 1940s. The
> > original Class A and Class B services were on UHF - right where FRS
> > and GMRS are now.
> >
> > The problem was that, in those days, the UHF radios that performed well
> > were big, heavy, expensive, power hungry and complex. Simple UHF sets
> > that were small, light, inexpensive and simple didn't perform too well.
> >
> >
> > The Citizen's Radio service had so few takers at the end of 10 years
> > that FCC created Class C and Class D, at 27 MHz. Low power channelized
> > sets for 27 MHz could be made small and inexpensive even with the
> > technology of the late 1950s.
> >
> > FCC could take the band away from hams because it wasn't a ham band by
> > treaty anyway. They also argued that the creation of the 15 meter ham
> > band in 1954, and the gradual return of 160 to hams, meant that 11
> > meters wasn't critical to ham radio.
> >
> > Add to that the fact that 11 meters wasn't the most-popular ham band
> > anyway. Many popular rigs of the time didn't even cover the band. It
> > wasn't harmonically related to the other HF/MF ham bands of the era,
> > and in many areas it was full of noise from ISM users like diathermy
> > machines, vacuum formers, etc. Since many other countries didn't
> > allocate 11 meters to hams, there wasn't as much DX to work on 11. And
> > the 1.7 MHz wide 10 meter band was right next door.
> >
> > Of course hams didn't like losing the band, fearing that it was a
> > harbinger of things to come, but it wasn't. Over the intervening years,
> > we hams got all of 160 back, and three new HF bands at 30, 17 and 12
> > meters. The cb boom of the '70s came and went, and hams are still here.

> >
> > 73 de Jim, N2EY

> As a former user of 11 meters, the Ham Band, this summary pretty much reflects
> my memory of events.

Thanks!

> BTW, my old Multi-Elmac AH-54 [if I recall] had 11 meters
> factory installed. It drifted "slighlty" during each transmission. Slightly
> meaning 50 +/- KHz. I had to use crystal control to stay reasonably close to any
> frequency!

I think one reason for the relative unpopularity of 11 meters with hams
was that the band was not harmonically related to other bands, meaning
crystals bought for 11 were probably not useful on any other ham band.

73 de Jim, N2EY

2140. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 23:23:16 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <ELO4h.4556$l25.2380@newsread4.news.pas.earthlink.net>
Source record: 49764
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

N2EY@AOL.COM wrote in
news:1163029387.830593.79290@m7g2000cwm.googlegroups.com:

> The cb boom of the '70s came and went, and hams are still here.
>
> 73 de Jim, N2EY

Hams are still here right up until code is eliminated.

SC

2141. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 23:23:18 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <GLO4h.4557$l25.2126@newsread4.news.pas.earthlink.net>
Source record: 49765
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

"Joel Kolstad" <JKolstad71HatesSpam@yahoo.com> wrote in
news:12l79baai66qgbf@corp.supernews.com:

> "Dave" <W1MCE@comcast.net> wrote in message
> news:MNKdnZu_i8vp-M7YnZ2dnUVZ_qudnZ2d@comcast.com...
>> CB brought the uncouth out of the tavern and onto the air.
>
> Drive by the tavern... tune past the CBers? ;-)
>
> I suppose amateur radio is supposed to be more a high-class dining
> establishment than a dinner -- suit, tie, and official FCC-approved
> membership required --,

Too many amateurs now don't care if ham radio turns into the local
scarf & barf.

2142. Re: Never under estimate the power of stupid people in large groups.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 23:23:26 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <OLO4h.4564$l25.369@newsread4.news.pas.earthlink.net>
Source record: 49766
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

"maskirovka" <rec@radio.shortwave> wrote in
news:eivl1q$b3h$1@aioe.server.aioe.org:

>
> "Slow Code" <my.mail@no.spam> wrote in message
> news:YSu4h.4114$0r.1277@newsread1.news.pas.earthlink.net...
>>
>> I hope one day the republicans figure that out.
>>
>> SC
>
> They can start by implimenting a voucher system for students of parents
> who can not afford private schools.
> The bulk of their ever increasing property taxes goes to fund the
> Socialist public school system. You know, the system that wants to do
> away with The Pledge and instead have our children site quotes from the
> koran.

We need to keep pointing out their evil. Democrats throw BS out and
ignorant people believe it.

There's a radio show, the host has a person ask simple political questions
to voters on the street. Most of the people are democrats, it's a Blue
state.

It's sad the number of voters that can't tell you the name of the
vice-president, or other simple questions. Informed voters votes are
getting cancel out by retard votes.

SC

2143. Re: Rumsfeld Resigns!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-09 23:23:29 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <RLO4h.4566$l25.920@newsread4.news.pas.earthlink.net>
Source record: 49767
Cross-posted to: rec.radio.amateur.antenna,rec.radio.shortwave,rec.radio.amateur.misc

"Art Harris" <n2ah@hotmail.com> wrote in
news:1163102207.769496.167210@b28g2000cwb.googlegroups.com:

> Slow Code wrote:
>> > See:
>> > http://www.cnn.com/2006/POLITICS/11/08/rumsfeld.ap/index.html
> .
>> That was a smart move for Rumsfeld. Why try to protect America and win
>> the wars when the democrats aren't going to let you win?
>>
> Oh? You think his strategy has been working well up until now with the
> Republicans controlling the White House and both houses of Congress? If
> you think the war is going well, I'd hate to see what bad is.
>
> Art

Bad is when the enemy drives you out of the country.

SC

2144. Re: Looking for a base antenna for a Yeasu 8900R

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 00:28:51 UTC
From: Bob Bob <bob3bob3@cox.net>
Message-ID: <antc24-nr5.ln1@p400bob.personal.cox.net>
Source record: 49768

I don't know the radio at all! I also never troubled myself to find out what Technician limitations were!

What I am trying to get at is that if you want one antenna to do the job, it isn't going to work as well as three antennas, one for each of the bands (6/2/70) you are interested in. Like a said a dual (or more) band design will be a compromise. This is not the same kind of issue you might get on HF (you mentioned G5RV). Ionospheric propagation on HF is (kind of) happy with a radiation pattern that isn't horizontal to the ground. On VHF/UHF it is very important however to get the pattern as close to the horizontal as possible, hence these antenna designs can be said to be more critical.

If for example you constructed a vertical halfwave on 6m, the same antenna fed on 2m would have much of its radiation going skyward at a steep angle...

This begs the question, do you want to buy or build? There are some nice 2/70 dual band antennas out there that might be a good initial purchase. Have no idea what they cost or how good they are though.

Cheers Bob W5/VK2YQA (Australian in East Texas!)

nobody@nowhere.com wrote:

>
>
> I'm not sure what you mean by half of the bands when the radio only
> does FM and on 4 bands only. 10M, 6M, 2M, & 70cm. I don't even care
> about the 10M as I'm just a tech with no intrest in becoming a
> general.
>
> We have several 6M repeaters around here and it'll do 6M simplex on
> 50W. A beam will get me a lot of distance.
>
> Of course I could buy an Icom 706 MK-II G and then just get a hor beam
> or use a G5RV.
>
>

2145. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 02:01:57 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej0mkl$2ajq$1@news.ndhu.edu.tw>
Source record: 49769

John Smith wrote:
> In a lecture meant for his inauguration at the University of Leiden in
> 1920, Einstein remarked:
>
> Perhaps he was correct, you think?
>
> JS

I think like this. Amateurs look, to me, like a couple of guys who build some equipment (or buy it), hook it to a wire, and communicate between themselves and possibly others. They keep on developing different and sometimes better gear and they learn many uses, games and recreation purposes for it. However, and lately, they make NO moves to advance it, a responsibility the the mere possession of an amateur license places on oneself...

Now, I liken the "wire" in the above to the ether. And, these amateurs NEVER question where the wire (ether) came from, how it works, how long it is, the characteristics of it, etc.

I think, obviously, that any "NEW" and "REAL" discoveries, developments, technology, etc. will ONLY come from answering the question which is implied above or, "How does the ether factor into communications? Will a(the) manipulation(s) of the ether further radio technology, its' use, worth, etc.?"

Now, I do think antennas are an excellent place to begin such studies and research. They obviously, in my humble opinion, interface with the ether! Or, if your belief in the ether is holding you back, I offer the following as an example of hunting for it:
http://pages.sbcglobal.net/webster.kehr/files/Detection.pdf

This page contains instructions on how to construct a cheap and simple device to detect the ether. It uses a laser (laser level--mine cost 12.95 + tax) and a few front surface mirrors... (I am still proving the ether to myself and undecided as to whether to have the same faith I hold for God, for it (ether)...) I would love to come up with a way to use RF.

Point being, DO SOMETHING CONSTRUCTIVE or SHUT UP and go about your BS over the airwaves(vibrations of the ether really!) <smile>

Or, said simply, "Those who can do, those who can't fire up the rig and rag chew."

JS

2146. crapthon continues

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 02:36:38 UTC
From: Mark@kb9rqz.aprs
Message-ID: <ocp7l2poq1dfasg6tdfjpf6aa5qblf8adt@4ax.com>
Source record: 49770
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

On Thu, 09 Nov 2006 23:23:18 GMT, Slow Code <my.mail@no.spam> wrote:

>"Joel Kolstad" <JKolstad71HatesSpam@yahoo.com> wrote in
>news:12l79baai66qgbf@corp.supernews.com:
>
>> "Dave" <W1MCE@comcast.net> wrote in message
>> news:MNKdnZu_i8vp-M7YnZ2dnUVZ_qudnZ2d@comcast.com...
>>> CB brought the uncouth out of the tavern and onto the air.
>>
>> Drive by the tavern... tune past the CBers? ;-)
>>
>> I suppose amateur radio is supposed to be more a high-class dining
>> establishment than a dinner -- suit, tie, and official FCC-approved
>> membership required --,
>
>
>Too many amateurs now don't care if ham radio turns into the local
>scarf & barf.

becuase many of the HF bands already sound that way and have for years
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2147. Re: Rumsfeld Resigns!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 02:39:14 UTC
From: Brian Denley <b.denley@comcast.net>
Message-ID: <a9mdnTFzq_fOe87YnZ2dnUVZ_u-dnZ2d@comcast.com>
Source record: 49771
Cross-posted to: rec.radio.amateur.antenna,rec.radio.shortwave,rec.radio.amateur.misc

I work with the military. Every US Army officer I have met despises
Rumsfeld. He has refused to listen to them from the very begining and fired
any general who tried to tell him he was wrong.

--
Brian Denley
http://home.comcast.net/~b.denley/index.html

"Slow Code" <my.mail@no.spam> wrote in message
news:0Tu4h.4117$0r.1798@newsread1.news.pas.earthlink.net...
> "Art Harris" <n2ah@hotmail.com> wrote in
> news:1163010550.885165.120810@m73g2000cwd.googlegroups.com:
>
>> See:
>> http://www.cnn.com/2006/POLITICS/11/08/rumsfeld.ap/index.html
>>
>>
>
>
> That was a smart move for Rumsfeld. Why try to protect America and win
> the wars when the democrats aren't going to let you win?
>
> All along the democrats were more concerned about terrorist rights,
> instead of terrorist deaths.
>
> SC

2148. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 02:41:50 UTC
From: Mark <makolber@yahoo.com>
Message-ID: <1163126510.918461.217420@m73g2000cwd.googlegroups.com>
Source record: 49772
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

modelman wrote:
> Several months ago I had a high efficiency Trane XV90 natural gas
> furnace and heat pump installed. Since the weather has recently been
> cold enough for the gas furnace to provide heat, I have been
> experiencing severe radio interference. The interference wipes out AM
> broadcast reception throughout my house. I also see snow on a TV
> connected to an external antenna.
>
> The radio noise occurs as soon as the draft inducer motor starts up;
> the pitch of the interference is related to the motor speed. The draft
> inducer motor is a dc motor driven by a PWM controller on the main
> circuit board. It is well known that PWM systems generate strong
> harmonics throughout the radio spectrum, resulting in radio
> interference. However, properly designed PWM systems include filtering
> and shielding to suppress the radio frequency currents from the wiring.
>
> I contacted my installer, who is totally unfamiliar with the problem.
> The electrician who was sent to my house to investigate the problem
> also doesn't understand what's going on. I had to explain the
> difference between an RF ground and dc or house ground to him.
> Although everything appears to be well grounded from a dc perspective,
> I suspect that portions of the system are radiating RF energy.
>
> Several days ago I emailed Trane about the problem, but haven't
> received any response.
>
> Although there has been past discussion in this group about radio/TV
> interference emanating from Trane high efficiency gas furnaces, I
> haven't seen any definitive fix. Does anyone know if Trane has a fix
> for this problem. Do they have a shielded cable and or rf filter kit
> to suppress this noise? Since my system is under warranty, I won't
> attempt any modiifcations to the system.
>
> Has anyone experienced this problem?
>
> Thanks.

Trane should be made to fix this and recall all the units that have
been installed. I can pick this interference up on a 2 meter receiver
in my car for blocks. The FCC should bust them if they don't fix it...

I cross posted this to some of the amateur radio groups.

Mark

2149. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 03:00:23 UTC
From: Smarty <nobody@nobody.com>
Message-ID: <NMadncdmmOTbds7YnZ2dnUVZ_omdnZ2d@adelphia.com>
Source record: 49773
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

Good point! There are FCC rules regarding interference / EMI and Trane may have flagrantly ignored them. Maybe a threatening letter to the Customer Service Department written with the help of those of us who are amateur radio / electrical engineering types would force them to finally do the right thing.

Smarty

"Mark" <makolber@yahoo.com> wrote in message news:1163126510.918461.217420@m73g2000cwd.googlegroups.com...
> modelman wrote:
>> Several months ago I had a high efficiency Trane XV90 natural gas
>> furnace and heat pump installed. Since the weather has recently been
>> cold enough for the gas furnace to provide heat, I have been
>> experiencing severe radio interference. The interference wipes out AM
>> broadcast reception throughout my house. I also see snow on a TV
>> connected to an external antenna.
>>
>> The radio noise occurs as soon as the draft inducer motor starts up;
>> the pitch of the interference is related to the motor speed. The draft
>> inducer motor is a dc motor driven by a PWM controller on the main
>> circuit board. It is well known that PWM systems generate strong
>> harmonics throughout the radio spectrum, resulting in radio
>> interference. However, properly designed PWM systems include filtering
>> and shielding to suppress the radio frequency currents from the wiring.
>>
>> I contacted my installer, who is totally unfamiliar with the problem.
>> The electrician who was sent to my house to investigate the problem
>> also doesn't understand what's going on. I had to explain the
>> difference between an RF ground and dc or house ground to him.
>> Although everything appears to be well grounded from a dc perspective,
>> I suspect that portions of the system are radiating RF energy.
>>
>> Several days ago I emailed Trane about the problem, but haven't
>> received any response.
>>
>> Although there has been past discussion in this group about radio/TV
>> interference emanating from Trane high efficiency gas furnaces, I
>> haven't seen any definitive fix. Does anyone know if Trane has a fix
>> for this problem. Do they have a shielded cable and or rf filter kit
>> to suppress this noise? Since my system is under warranty, I won't
>> attempt any modiifcations to the system.
>>
>> Has anyone experienced this problem?

>>
>> Thanks.
>
>
> Trane should be made to fix this and recall all the units that have
> been installed. I can pick this interference up on a 2 meter receiver
> in my car for blocks. The FCC should bust them if they don't fix it...
>
> I cross posted this to some of the amateur radio groups.
>
> Mark
>

2150. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 03:39:53 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej0scc$2eo7$1@news.ndhu.edu.tw>
Source record: 49774
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

Smarty wrote:
> Good point! There are FCC rules regarding interference / EMI and Trane may
> have flagrantly ignored them. Maybe a threatening letter to the Customer
> Service Department written with the help of those of us who are amateur
> radio / electrical engineering types would force them to finally do the
> right thing.
>
>
> Smarty
>
>
> "Mark" <makolber@yahoo.com> wrote in message
> news:1163126510.918461.217420@m73g2000cwd.googlegroups.com...
>> modelman wrote:
>>> Several months ago I had a high efficiency Trane XV90 natural gas
>>> furnace and heat pump installed. Since the weather has recently been
>>> cold enough for the gas furnace to provide heat, I have been
>>> experiencing severe radio interference. The interference wipes out AM
>>> broadcast reception throughout my house. I also see snow on a TV
>>> connected to an external antenna.
>>>
>>> The radio noise occurs as soon as the draft inducer motor starts up;
>>> the pitch of the interference is related to the motor speed. The draft
>>> inducer motor is a dc motor driven by a PWM controller on the main
>>> circuit board. It is well known that PWM systems generate strong
>>> harmonics throughout the radio spectrum, resulting in radio
>>> interference. However, properly designed PWM systems include filtering
>>> and shielding to suppress the radio frequency currents from the wiring.
>>>
>>> I contacted my installer, who is totally unfamiliar with the problem.
>>> The electrician who was sent to my house to investigate the problem
>>> also doesn't understand what's going on. I had to explain the
>>> difference between an RF ground and dc or house ground to him.
>>> Although everything appears to be well grounded from a dc perspective,
>>> I suspect that portions of the system are radiating RF energy.
>>>
>>> Several days ago I emailed Trane about the problem, but haven't
>>> received any response.
>>>
>>> Although there has been past discussion in this group about radio/TV
>>> interference emanating from Trane high efficiency gas furnaces, I
>>> haven't seen any definitive fix. Does anyone know if Trane has a fix
>>> for this problem. Do they have a shielded cable and or rf filter kit

>>> to suppress this noise? Since my system is under warranty, I won't
>>> attempt any modiifcations to the system.
>>>
>>> Has anyone experienced this problem?
>>>
>>> Thanks.
>>
>> Trane should be made to fix this and recall all the units that have
>> been installed. I can pick this interference up on a 2 meter receiver
>> in my car for blocks. The FCC should bust them if they don't fix it...
>>
>> I cross posted this to some of the amateur radio groups.
>>
>> Mark
>>
>
>

First, I would get a schematic of the electronics/wiring/specs/and installation instructions for the specific model (web is a good place maybe.) More of a chance the installer has made an error in the installation, grounding, shielding, etc., could save you from the possibility of "crying wolf" too soon... I suspect the engineers of using more caution in the design of the unit, then the installers in the installation of the unit.

JS

2151. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 03:46:17 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <dCS4h.1978$6t.1507@newssvr11.news.prodigy.com>
Source record: 49775

John Smith wrote:
> Perhaps he was correct, you think?

Of course, he was correct. Empty space has been
proved not to be empty and certainly appears to
have a structure with particles winking in and
out of existence. The physicists were correct
about the existence of the medium (ether) but they
made incorrect assumptions about its nature. It was
a mistake to assume the ether didn't exist just
because its nature was different than expected.
--
73, Cecil http://www.w5dxp.com

2152. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 03:52:53 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <pIS4h.1983$6t.740@newssvr11.news.prodigy.com>
Source record: 49776

John Smith wrote:
> This page contains instructions on how to construct a cheap and simple
> device to detect the ether.

Consider that the galactic red shift might be caused
by the expansion of the ether and not by movement of
the galaxies.
--
73, Cecil http://www.w5dxp.com

2153. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 03:56:53 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej0tc4$2fhc$1@news.ndhu.edu.tw>
Source record: 49777

Cecil Moore wrote:
> John Smith wrote:
>> Perhaps he was correct, you think?
>
> Of course, he was correct. Empty space has been
> proved not to be empty and certainly appears to
> have a structure with particles winking in and
> out of existence. The physicists were correct
> about the existence of the medium (ether) but they
> made incorrect assumptions about its nature. It was
> a mistake to assume the ether didn't exist just
> because its nature was different than expected.

Of course, the ether has not yet been seen, and the unseen is difficult
to prove and accept...

http://www.uoregon.edu/~rwh/physics/twoslit.html
http://web.syr.edu/~dmalling/history.html
http://hyperphysics.phy-astr.gsu.edu/hbase/relativ/mmhist.html
http://physics.ucr.edu/~wudka/Physics7/Notes_www/node67.html
http://adsabs.harvard.edu/abs/1935JScI...12...75D
http://www.lepp.cornell.edu/spr/1998-12/msg0013841.html
http://www.columbia.edu/cu/augustine/arch/jaki/absolute.htm
http://www.physics.rutgers.edu/~jackph/2004f/lecture6.txt
http://humboldt.edu/~scimus/Instruments/SpecScp-Noyes/SpecScp-Noyes.htm

JS

2154. Re: Rumsfeld Resigns!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 03:59:25 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <xOS4h.1985$6t.79@newssvr11.news.prodigy.com>
Source record: 49778
Cross-posted to: rec.radio.amateur.antenna,rec.radio.shortwave,rec.radio.amateur.misc

Brian Denley wrote:
> I work with the military. Every US Army officer I have met despises
> Rumsfeld. He has refused to listen to them from the very begining and fired
> any general who tried to tell him he was wrong.

Too bad General George S. Patton Jr. is not available.
--
73, Cecil http://www.w5dxp.com

2155. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 04:03:07 UTC
From: Alan Taylor <adt1944@hotmail.com>
Message-ID: <4553f9fb$1_1@news.iprimus.com.au>
Source record: 49779
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

Mark,

I had a severe interference MF to HF from a neighbours gas heater unit. Not sure what it was that was causing it but it was being effectively radiated by the external cables, power and control. I traced the interference to the unit using a portable rx. I silenced it by wrapping both cables tightly around a 6 inch ferrite rod. The cables held in place by cable ties and tape. Hope this helps.

73 Alan VK6BN

"Mark" <makolber@yahoo.com> wrote in message
news:1163126510.918461.217420@m73g2000cwd.googlegroups.com...
> modelman wrote:
>> Several months ago I had a high efficiency Trane XV90 natural gas
>> furnace and heat pump installed. Since the weather has recently been
>> cold enough for the gas furnace to provide heat, I have been
>> experiencing severe radio interference. The interference wipes out AM
>> broadcast reception throughout my house. I also see snow on a TV
>> connected to an external antenna.
>>
>> The radio noise occurs as soon as the draft inducer motor starts up;
>> the pitch of the interference is related to the motor speed. The draft
>> inducer motor is a dc motor driven by a PWM controller on the main
>> circuit board. It is well known that PWM systems generate strong
>> harmonics throughout the radio spectrum, resulting in radio
>> interference. However, properly designed PWM systems include filtering
>> and shielding to suppress the radio frequency currents from the wiring.
>>
>> I contacted my installer, who is totally unfamiliar with the problem.
>> The electrician who was sent to my house to investigate the problem
>> also doesn't understand what's going on. I had to explain the
>> difference between an RF ground and dc or house ground to him.
>> Although everything appears to be well grounded from a dc perspective,
>> I suspect that portions of the system are radiating RF energy.
>>
>> Several days ago I emailed Trane about the problem, but haven't
>> received any response.
>>
>> Although there has been past discussion in this group about radio/TV
>> interference emanating from Trane high efficiency gas furnaces, I
>> haven't seen any definitive fix. Does anyone know if Trane has a fix
>> for this problem. Do they have a shielded cable and or rf filter kit
>> to suppress this noise? Since my system is under warranty, I won't

>> attempt any modiifcations to the system.
>>
>> Has anyone experienced this problem?
>>
>> Thanks.
>
>
> Trane should be made to fix this and recall all the units that have
> been installed. I can pick this interference up on a 2 meter receiver
> in my car for blocks. The FCC should bust them if they don't fix it...
>
> I cross posted this to some of the amateur radio groups.
>
> Mark
>

2156. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 04:03:30 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej0toh$2fmj$1@news.ndhu.edu.tw>
Source record: 49780

Cecil Moore wrote:
> John Smith wrote:
>> This page contains instructions on how to construct a cheap and simple
>> device to detect the ether.
>
> Consider that the galactic red shift might be caused
> by the expansion of the ether and not by movement of
> the galaxies.

Cecil:

I suspect you of being a rather "Doppler Fellow!" Or, is that "Dapper Fellow?"

Whatever... <grin>

Warmest regards,
JS

2157. Re: Never under estimate the power of stupid people in large groups.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 04:15:30 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <C1T4h.1555$mR4.1303@tornado.texas.rr.com>
Source record: 49781
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

"Slow Code" <my.mail@no.spam> wrote in message
news:OLO4h.4564$l25.369@newsread4.news.pas.earthlink.net...
> "maskirovka" <rec@radio.shortwave> wrote in
> news:eivl1q$b3h$1@aioe.server.aioe.org:
>
>>
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:YSu4h.4114$0r.1277@newsread1.news.pas.earthlink.net...
>>>
>>> I hope one day the republicans figure that out.
>>>
>>> SC
>>
>> They can start by implimenting a voucher system for students of parents
>> who can not afford private schools.
>> The bulk of their ever increasing property taxes goes to fund the
>> Socialist public school system. You know, the system that wants to do
>> away with The Pledge and instead have our children site quotes from the
>> koran.
>
>
> We need to keep pointing out their evil. Democrats throw BS out and
> ignorant people believe it.
>
> There's a radio show, the host has a person ask simple political questions
> to voters on the street. Most of the people are democrats, it's a Blue
> state.
>
> It's sad the number of voters that can't tell you the name of the
> vice-president, or other simple questions. Informed voters votes are
> getting cancel out by retard votes.

Like yours.

2158. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 04:40:15 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <PoT4h.1991$6t.971@newssvr11.news.prodigy.com>
Source record: 49782

John Smith wrote:
> Of course, the ether has not yet been seen, and the unseen is difficult
> to prove and accept...

Quoting "Alpha & Omega", by Charles Seife:
"Quantum physicists are forced to conclude that
the vacuum isn't truly empty. It is seething with
particles and energy. ... The need (to understand)
is more pressing than ever before, because they
think that the energy of the vacuum, the zero-point
energy that is everywhere in the universe, is forcing
the universe apart." That force is thought to be the
same thing as the Casimir effect which has indeed been
measured.
--
73, Cecil http://www.w5dxp.com

2159. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 05:03:46 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <SKT4h.1994$6t.958@newssvr11.news.prodigy.com>
Source record: 49783

John Smith wrote:
> I suspect you of being a rather "Doppler Fellow!"

Consider that the mere expansion of empty space itself
would cause a red shift possibly unrelated to the
Doppler effect.
--
73, Cecil http://www.w5dxp.com

2160. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 05:25:10 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej12hl$2j91$1@news.ndhu.edu.tw>
Source record: 49784

Cecil Moore wrote:
> John Smith wrote:
>> Of course, the ether has not yet been seen, and the unseen is
>> difficult to prove and accept...
>
> Quoting "Alpha & Omega", by Charles Seife:
> "Quantum physicists are forced to conclude that
> the vacuum isn't truly empty. It is seething with
> particles and energy. ... The need (to understand)
> is more pressing than ever before, because they
> think that the energy of the vacuum, the zero-point
> energy that is everywhere in the universe, is forcing
> the universe apart." That force is thought to be the
> same thing as the Casimir effect which has indeed been
> measured.

Cecil:

You made a mistake in your spelling, a first (well, maybe!) But surely, you meant the "Cashmere Effect", the effect my suit has on women!

"Dutch physicist Hendrik B. G. Casimir first proposed the existence of the force, and he formulated an experiment to detect it in 1948 while participating in research at Philips Research Labs. The classic form of his experiment used a pair of uncharged parallel metal plates in a vacuum, and successfully demonstrated the force to within 15% of the value he had predicted according to his theory.

The van der Waals force between a pair of neutral atoms is a similar effect. In modern theoretical physics, the Casimir effect plays an important role in the chiral bag model of the nucleon, and in applied physics, it is becoming of increasing importance in development of the ever-smaller, miniaturised components of emerging micro- and nano-technologies." -- Wikipedia

Hey, does an affect cause an effect? Or, is each and every effect is followed by an equal and opposite affect? Geesh, confusing...

... makes me see visions of Fleischmann-Pons dancing in my head, only thing keeping me up is a long tether tossed me from NASA and it might have broken!

Warmest regards,
JS

2161. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 05:32:59 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej130a$2jgm$1@news.ndhu.edu.tw>
Source record: 49785

Cecil Moore wrote:
> John Smith wrote:
>> I suspect you of being a rather "Doppler Fellow!"
>
> Consider that the mere expansion of empty space itself
> would cause a red shift possibly unrelated to the
> Doppler effect.

The passage of time will make that known beyond doubt, the universe expands at an ever increasing (yet, rather slow increase) rate... (Or, what color red do you like?)

What would you see as the affect causing the red shift effect?

Regards,
JS

2162. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 12:17:09 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <95_4h.6571$yl4.1841@newssvr12.news.prodigy.com>
Source record: 49786

John Smith wrote:
> ... only
> thing keeping me up is a long tether tossed me from NASA and it might
> have broken!

Nope, the tether is expanding right along with space. :-)
--
73, Cecil http://www.w5dxp.com

2163. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 12:44:51 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <7v_4h.206$yE6.26@newssvr14.news.prodigy.com>
Source record: 49787

John Smith wrote:
> What would you see as the affect causing the red shift effect?

We are immersed in relativistic effects and cannot measure or see the forest for the trees. If our velocity is less today than it was in the past, then seconds are shorter today than in the past. If we measure a frequency with a second that is shorter than seconds were when the frequency was generated, the frequency measurement is red-shifted. If we measure the age of the universe with shortened seconds, we come up with a value that is too large.

What if the very first second after the Big Bang was one billion years long measured in present day seconds? Hyperinflation would not be needed. And there would be a drift between carbon-14 years and Bristle Cone pine rings.

This thought occurred to me some 40+ years ago when I made a frequency measurement and the time base selection knob on my o'scope was loose and pointing to the wrong time scale. I measured 30 Hz for the power line frequency.
--
73, Cecil http://www.w5dxp.com

2164. Re: Rumsfeld Resigns!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 13:31:37 UTC
From: jawod <jawod@fuse.net>
Message-ID: <45547F39.6030602@fuse.net>
Source record: 49788
Cross-posted to: rec.radio.amateur.antenna,rec.radio.shortwave,rec.radio.amateur.misc

Slow Code wrote:
> "Art Harris" <n2ah@hotmail.com> wrote in
> news:1163010550.885165.120810@m73g2000cwd.googlegroups.com:
>
>
>>See:
>>http://www.cnn.com/2006/POLITICS/11/08/rumsfeld.ap/index.html
>>
>>
>
>
>
> That was a smart move for Rumsfeld. Why try to protect America and win
> the wars when the democrats aren't going to let you win?
>
> All along the democrats were more concerned about terrorist rights,
> instead of terrorist deaths.
>
> SC
You're in "Da Nile" ...
you know that river that Bushy thinks is in Libya?

I am SOOO happy my government is no longer in the hands of Troglodites, Neanderthals and pedophiles. Stay the course, indeed: straight to hell.

Long Live Good Government

Republicans can lick their wounds and enjoy all the money they've collected from Abramoff and friends. Head on down to Cancun. They can continue to enjoy their Spa Resort lifestyle.

In the meantime, we regular folks have a lot of work to do to restore government and end Bush's Folly in Iraq.

2165. Re: clean up ham radio SC start by truning in your license

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 14:30:10 UTC
From: The Duce <DoubleDuce4u@hotmail.com>
Message-ID: <S105h.8005$9v5.4167@newssvr29.news.prodigy.net>
Source record: 49789
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

The test will continue to dumb down because ham radio is dying. There's a new radio game in town, its called cell phone. Like it or not anyone can get a license to use them.

I've been in ham radio for over 30 years. The same discussion is going on today as was when I first started. It has never been settled and never will to satisfy all. Equipment prices will skyrocket as the number of hams continues to decline. In fact they already have. I laugh when I see radio's like an IC-706 that someone is trying to sell on Ebay for $900 plus when only a few years ago new ones were being had at Hamvention under $600. Radio is dying folks enjoy it while the government allows us to have it. There is no "use" for all the Techs anymore.Allthis brainpower should be put together to find a use for your existence instead of continually hashing the same old dead beaten horse.

<Mark@kb9rqz.net> wrote in message
news:uroti2dv2kcafauen1mld2qkqrka34dfj6@4ax.com...
> On Fri, 13 Oct 2006 00:18:06 GMT, Slow Code <my.mail@no.spam> wrote:
>
>>Gropus <jbuchy@shaw.ca> wrote in
>>news:7c9ri21p136061hhabebo7c6of6o64opun@4ax.com:
>>
>>> On Thu, 12 Oct 2006 01:00:57 GMT, Blow a Toad <my.mail@no.spam> spake
>>> thusly:
>>>
>>>
>>>>I just wish all you people would take a stand against dumbing things
>>>>down any further. If it continues, it going to make hams irrelevant and
>>>>our bands will sound like CB.
>>>
>>> Right now, CB is totally dead. Nothing. Nada. Zip. Zilch.
>>>
>>> Behavior like yours will push ham that way too. Who wants to be
>>> associated with the likes of you?
>>
>>
>>Everyone that desires to be a good ham and valuable asset to the radio
>>service and to their country do.
>>
>>Now how's your CW practice coming along? Are you practicing or did you
>>decide to pack it in and just talk on a mic like other lazy KKKanadians.
>>Eh?
> clean up ham radio SC start by truning in your license
>

>>
>>SC
> http://kb9rqz.blogspot.com/
>
> --
> Posted via a free Usenet account from http://www.teranews.com
>
>

2166. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 15:28:22 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej25sm$b5e$1@news.ndhu.edu.tw>
Source record: 49790

Cecil Moore wrote:
> John Smith wrote:
>> What would you see as the affect causing the red shift effect?
>
> We are immersed in relativistic effects and cannot
> measure or see the forest for the trees. If our
> velocity is less today than it was in the past, then
> seconds are shorter today than in the past. If we
> measure a frequency with a second that is shorter
> than seconds were when the frequency was generated,
> the frequency measurement is red-shifted. If we
> measure the age of the universe with shortened
> seconds, we come up with a value that is too large.
>
> What if the very first second after the Big Bang was
> one billion years long measured in present day seconds?
> Hyperinflation would not be needed. And there would
> be a drift between carbon-14 years and Bristle Cone
> pine rings.
>
> This thought occurred to me some 40+ years ago when
> I made a frequency measurement and the time base
> selection knob on my o'scope was loose and pointing
> to the wrong time scale. I measured 30 Hz for the
> power line frequency.

Cecil:

So, you are committed to the universe WITHOUT a universal frame reference, and therefore the (implied?) Einsteinian Model; but, the Tesla Model remains, yet, to be proven false.

Personally, I favor the Tesla Model (or a near work-a-like); a gut feeling (some "evidence", no real [depends on "real" here] proof) of mine implies it much more favorable towards a condition of holding free energy in an unknown/yet-to-be-measured form and being able to affect the imbalance effect capable of producing/containing some form of kinetic energy on a "self-generating" and subatomic scale of, virtually, boundless proportions (or, what good is an imbalance if you can't measure it?) Something akin(?) to that expanding universe and the "pressure(s)" holding everything apart and having the ability to overwhelm/overcome gravity itself (I mean, if you are going to dream, dream BIG!)

Now, I must disclose a secret (well, alright, it is obvious really), I am a conspiracy nut when it comes to the suspicion that the powers which be would move to suppress knowledge of freely available energy and how to manipulate such an energy source which exists in an manner and form which is "easy" to access and to use in abundant and diabolically-dangerously large quantities of (Or, where is Fleischmann-Pons? Have I lost my tether--why won't you tell me--or at least attempt to toss it again? Is that universe fading from view due to my failing sight? Etc.) Really, I think they would hide such knowledge--I would!

Just imagine middle-east terrorists with the ability to toss out a string and annihilate the world (or just Israel!) Could we already consider it done?

Regards,
JS

2167. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 16:26:24 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <jcudnUwQfrusNcnYnZ2dnUVZ_oKdnZ2d@comcast.com>
Source record: 49791
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

Mark wrote:
> modelman wrote:
>
>>Several months ago I had a high efficiency Trane XV90 natural gas
>>furnace and heat pump installed. Since the weather has recently been
>>cold enough for the gas furnace to provide heat, I have been
>>experiencing severe radio interference. The interference wipes out AM
>>broadcast reception throughout my house. I also see snow on a TV
>>connected to an external antenna.
>>
>>The radio noise occurs as soon as the draft inducer motor starts up;
>>the pitch of the interference is related to the motor speed. The draft
>>inducer motor is a dc motor driven by a PWM controller on the main
>>circuit board. ... SNIPPED ...

DC motors are notorious noise generators. Those of us who used to be mobile when 6 VDC was the value of a car battery, and alternators did not exist, will attest to the facts of generator [DC motor] noise.

A DC motor uses brushes to contact windings within the motor. As the motor turns the brushes continually make and break current in the rotating armature [inductance]. This making and breaking creates a very wide HF and lower VHF noise spectrum. [Lots of sparks].

The solution, in the olden days, was a coaxial capacitor mounted directly to the frame of the motor with the DC power running through the capacitor. I recall the capacitor was about 1 inch in diameter and 2 inches long. Sprague made such a critter.

Hope this history helps.

/s/ DD, W1MCE

2168. Re: clean up ham radio SC start by truning in your license

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 16:39:52 UTC
From: honestjohn <honestjohn@centurytel.net>
Message-ID: <SOSdnTq4l8z7M8nYnZ2dnUVZ_vCdnZ2d@centurytel.net>
Source record: 49792
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"The Duce" <DoubleDuce4u@hotmail.com> wrote in message
news:S105h.8005$9v5.4167@newssvr29.news.prodigy.net...
> The test will continue to dumb down because ham radio is dying. There's a
> new radio game in town, its called cell phone. Like it or not anyone can
get
> a license to use them.
>
> I've been in ham radio for over 30 years. The same discussion is going on
> today as was when I first started. It has never been settled and never
will
> to satisfy all. Equipment prices will skyrocket as the number of hams
> continues to decline. In fact they already have. I laugh when I see
radio's
> like an IC-706 that someone is trying to sell on Ebay for $900 plus when
> only a few years ago new ones were being had at Hamvention under $600.
Radio
> is dying folks enjoy it while the government allows us to have it. There
is
> no "use" for all the Techs anymore.Allthis brainpower should be put
together
> to find a use for your existence instead of continually hashing the same
old
> dead beaten horse.
>
Scanners and listening to the cops will die out too. Each police car will
have a wireless broadband set-up and the individual cops will carry around a
wireless link device to communicate to the computer in their car and that
will be "THE END" for scanners!

The handwriting is on the wall!

HJ

2169. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 17:00:05 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej2b8jffg1@news.ndhu.edu.tw>
Source record: 49793

Irv Finkleman wrote:
> What holds empty space together? Does the ether
> cluster in gobs? Just wondering. :-)
>
> Irv VE6BP
>
> Cecil Moore wrote:
>> John Smith wrote:
>>> I suspect you of being a rather "Doppler Fellow!"
>> Consider that the mere expansion of empty space itself
>> would cause a red shift possibly unrelated to the
>> Doppler effect.
>> --
>> 73, Cecil http://www.w5dxp.com
>

Irv:

Your question is an excellent one and your point well taken. And, that simple question strikes right to the crux of the matter, doesn't it. So, what is your best guess? <grin>

Warmest regards,
JS

2170. Re: clean up ham radio SC start by truning in your license

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 17:01:57 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej2bc4ffg2@news.ndhu.edu.tw>
Source record: 49794
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

honestjohn wrote:
> "The Duce" <DoubleDuce4u@hotmail.com> wrote in message
> news:S105h.8005$9v5.4167@newssvr29.news.prodigy.net...
>> The test will continue to dumb down because ham radio is dying. There's a
>> new radio game in town, its called cell phone. Like it or not anyone can
> get
>> a license to use them.
>>
>> I've been in ham radio for over 30 years. The same discussion is going on
>> today as was when I first started. It has never been settled and never
> will
>> to satisfy all. Equipment prices will skyrocket as the number of hams
>> continues to decline. In fact they already have. I laugh when I see
> radio's
>> like an IC-706 that someone is trying to sell on Ebay for $900 plus when
>> only a few years ago new ones were being had at Hamvention under $600.
> Radio
>> is dying folks enjoy it while the government allows us to have it. There
> is
>> no "use" for all the Techs anymore.Allthis brainpower should be put
> together
>> to find a use for your existence instead of continually hashing the same
> old
>> dead beaten horse.
>>
> Scanners and listening to the cops will die out too. Each police car will
> have a wireless broadband set-up and the individual cops will carry around a
> wireless link device to communicate to the computer in their car and that
> will be "THE END" for scanners!
>
> The handwriting is on the wall!
>
> HJ
>
>

Hey, you just stole that idea from "Chicken Little!"

JS

2171. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 17:26:14 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej2cpn$gu4$1@news.ndhu.edu.tw>
Source record: 49795

John Smith wrote:
> Irv Finkleman wrote:
>> What holds empty space together? Does the ether
>> cluster in gobs? Just wondering. :-)
>>
>> Irv VE6BP
>>
>> Cecil Moore wrote:
>>> John Smith wrote:
>>>> I suspect you of being a rather "Doppler Fellow!"
>>> Consider that the mere expansion of empty space itself
>>> would cause a red shift possibly unrelated to the
>>> Doppler effect.
>>> --
>>> 73, Cecil http://www.w5dxp.com
>>
>
> Irv:
>
> Your question is an excellent one and your point well taken. And, that
> simple question strikes right to the crux of the matter, doesn't it. So,
> what is your best guess? <grin>
>
> Warmest regards,
> JS

Irv:

My first response was only meant to be provocative.

I hear your question as a baffling inquiry composed of the following:

a) What kind of table does space lie upon.
b) What kind of "void" does space, itself, hang suspended in? (floating in?)
c) Does the "state of the ALL" exist as a solution, or an emulsion, a
gas, a solid, etc?
d) Is the ether composed of the smallest particles possible, or are
their smaller particles which the ether is composed of?
e) Is "our matter" which "our world/universe" is composed of the largest
particles possible or, are there much larger particles in existence and
our universe only a particle of this larger matter and would that larger
matter be the largest possible?
f) Etc.

To even propose an answer, I would truly believe in, to what you ask is
impossible for me, at least for me to do so in any real way... I seek

answers and have only questions and possible ideas on how to find answers with.

I often look in others ideas, can you blame me?

Regards,
JS

2172. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 17:58:20 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej2els$1fju$1@news.ndhu.edu.tw>
Source record: 49796

Cecil Moore wrote:
> John Smith wrote:
>> ... only thing keeping me up is a long tether tossed me from NASA and
>> it might have broken!
>
> Nope, the tether is expanding right along with space. :-)

Cecil:

Surely you jest?

You really want to propose that my yardstick grows longer (has no relation to human body parts, I am sure! Hmm, could this be possibly be desirable?) while my seconds grow shorter?

Hmm, come to think of it, I could measure much larger things in much shorter time spans, could be quite handy, really!

Regards,
JS

2173. Re: clean up ham radio SC start by truning in your license

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 18:04:56 UTC
From: honestjohn <honestjohn@centurytel.net>
Message-ID: <u_ednSKP-InuX8nYnZ2dnUVZ_uydnZ2d@centurytel.net>
Source record: 49797
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"John Smith" <assemblywizard@gmail.com> wrote in message

> Hey, you just stole that idea from "Chicken Little!"
>
Mr. Little happens to be a friend of mine.

H.J.

2174. Re: clean up ham radio SC start by truning in your license

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 19:01:33 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej2ico$18tp$1@news.ndhu.edu.tw>
Source record: 49798
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

honestjohn wrote:
> "John Smith" <assemblywizard@gmail.com> wrote in message
>
>> Hey, you just stole that idea from "Chicken Little!"
>>
> Mr. Little happens to be a friend of mine.
>
> H.J.
>
>

HJ:

Obviously, you are both proponents of "Realistic Philosophy!" And, I do admit, such thinking does provide one with an explanation as to where these chunks of matter, which keep landing on my head, are coming from! <straight-face> I accept such until a better explanation comes forth...

JS

2175. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 19:16:33 UTC
From: MLD <MLD@verizon.net>
Message-ID: <le45h.23$fk2.17@trndny02>
Source record: 49799
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

Nice thought, but I went a bit down that road--I'm fuzzy about the specific details but for one reason or another the people that I spoke to didn't give me anything positive. Something about the generation of RF interference not applying to a product like a furnace. Since this has been a problem for so long and Trane has not been mandated to fix it lends some weight to what I was told. I did tell the Trane Rep that I was going to contact someone in higher management (VP etc) and issue a complaint at that level----didn't phase him. Then I put in my cable line and didn't follow up. For those of you still aggravated by the RF noise why not try this route? I guess that if you go the way of the Small Claims Court you probably have to sue the installer as well as Trane and it would have to be for a complete replacement (one without the problem)or a removal and money refunded.
MLD
"Smarty" <nobody@nobody.com> wrote in message
news:NMadncdmmOTbds7YnZ2dnUVZ_omdnZ2d@adelphia.com...
> Good point! There are FCC rules regarding interference / EMI and Trane may
> have flagrantly ignored them. Maybe a threatening letter to the Customer
> Service Department written with the help of those of us who are amateur
> radio / electrical engineering types would force them to finally do the
> right thing.
>
>
> Smarty
>
>
> "Mark" <makolber@yahoo.com> wrote in message
> news:1163126510.918461.217420@m73g2000cwd.googlegroups.com...
> > modelman wrote:
> >> Several months ago I had a high efficiency Trane XV90 natural gas
> >> furnace and heat pump installed. Since the weather has recently been
> >> cold enough for the gas furnace to provide heat, I have been
> >> experiencing severe radio interference. The interference wipes out AM
> >> broadcast reception throughout my house. I also see snow on a TV
> >> connected to an external antenna.
> >>
> >> The radio noise occurs as soon as the draft inducer motor starts up;
> >> the pitch of the interference is related to the motor speed. The draft
> >> inducer motor is a dc motor driven by a PWM controller on the main
> >> circuit board. It is well known that PWM systems generate strong
> >> harmonics throughout the radio spectrum, resulting in radio
> >> interference. However, properly designed PWM systems include filtering
> >> and shielding to suppress the radio frequency currents from the wiring.
> >>

> >> I contacted my installer, who is totally unfamiliar with the problem.
> >> The electrician who was sent to my house to investigate the problem
> >> also doesn't understand what's going on. I had to explain the
> >> difference between an RF ground and dc or house ground to him.
> >> Although everything appears to be well grounded from a dc perspective,
> >> I suspect that portions of the system are radiating RF energy.
> >>
> >> Several days ago I emailed Trane about the problem, but haven't
> >> received any response.
> >>
> >> Although there has been past discussion in this group about radio/TV
> >> interference emanating from Trane high efficiency gas furnaces, I
> >> haven't seen any definitive fix. Does anyone know if Trane has a fix
> >> for this problem. Do they have a shielded cable and or rf filter kit
> >> to suppress this noise? Since my system is under warranty, I won't
> >> attempt any modiifcations to the system.
> >>
> >> Has anyone experienced this problem?
> >>
> >> Thanks.
> >
> >
> > Trane should be made to fix this and recall all the units that have
> > been installed. I can pick this interference up on a 2 meter receiver
> > in my car for blocks. The FCC should bust them if they don't fix it...
> >
> > I cross posted this to some of the amateur radio groups.
> >
> > Mark
> >
>
>

2176. Re: Looking for a base antenna for a Yeasu 8900R

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 19:47:31 UTC
From: nobody@nowhere.com
Message-ID: <9il9l25q175hdi3nfgri2ahg5ugph5jv3u@4ax.com>
Source record: 49800

On Thu, 09 Nov 2006 18:28:51 -0600, Bob Bob <bob3bob3@cox.net> wrote:

>I don't know the radio at all! I also never troubled myself to find out
>what Technician limitations were!
>
>What I am trying to get at is that if you want one antenna to do the
>job, it isn't going to work as well as three antennas, one for each of
>the bands (6/2/70) you are interested in. Like a said a dual (or more)
>band design will be a compromise. This is not the same kind of issue you
>might get on HF (you mentioned G5RV). Ionospheric propagation on HF is
>(kind of) happy with a radiation pattern that isn't horizontal to the
>ground. On VHF/UHF it is very important however to get the pattern as
>close to the horizontal as possible, hence these antenna designs can be
>said to be more critical.
>
>If for example you constructed a vertical halfwave on 6m, the same
>antenna fed on 2m would have much of its radiation going skyward at a
>steep angle...
>
>This begs the question, do you want to buy or build? There are some nice
> 2/70 dual band antennas out there that might be a good initial
>purchase. Have no idea what they cost or how good they are though.
>
>Cheers Bob W5/VK2YQA (Australian in East Texas!)
>
>nobody@nowhere.com wrote:
>
>>
>>
>> I'm not sure what you mean by half of the bands when the radio only
>> does FM and on 4 bands only. 10M, 6M, 2M, & 70cm. I don't even care
>> about the 10M as I'm just a tech with no intrest in becoming a
>> general.
>>
>> We have several 6M repeaters around here and it'll do 6M simplex on
>> 50W. A beam will get me a lot of distance.
>>
>> Of course I could buy an Icom 706 MK-II G and then just get a hor beam
>> or use a G5RV.
>>
>>

I'm really not too intrested in building. Hands are too shakky.
However I did find a nice Cushcraft tri band FM beam. It'll do 6M,
2M, and 70cm. This is what I want. One antenna. I've only got one

pole. The pole is already there. Its a 55 ft pushup pole. Its not a tower but then my funds are limited. I get maybe $1K per year for equipment and sometimes not that much.

Now I'm thinking of an antenna for the same freqs but for SSB.

2177. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 19:47:41 UTC
From: Mark <makolber@yahoo.com>
Message-ID: <1163188061.612887.192980@m7g2000cwm.googlegroups.com>
Source record: 49801
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

Dave wrote:
> Mark wrote:
> > modelman wrote:
> >
> >>Several months ago I had a high efficiency Trane XV90 natural gas
> >>furnace and heat pump installed. Since the weather has recently been
> >>cold enough for the gas furnace to provide heat, I have been
> >>experiencing severe radio interference. The interference wipes out AM
> >>broadcast reception throughout my house. I also see snow on a TV
> >>connected to an external antenna.
> >>
> >>The radio noise occurs as soon as the draft inducer motor starts up;
> >>the pitch of the interference is related to the motor speed. The draft
> >>inducer motor is a dc motor driven by a PWM controller on the main
> >>circuit board. ... SNIPPED ...
>
> DC motors are notorious noise generators. Those of us who used to be mobile when
> 6 VDC was the value of a car battery, and alternators did not exist, will attest
> to the facts of generator [DC motor] noise.
>
> A DC motor uses brushes to contact windings within the motor. As the motor turns
> the brushes continually make and break current in the rotating armature
> [inductance]. This making and breaking creates a very wide HF and lower VHF
> noise spectrum. [Lots of sparks].
>
> The solution, in the olden days, was a coaxial capacitor mounted directly to the
> frame of the motor with the DC power running through the capacitor. I recall the
> capacitor was about 1 inch in diameter and 2 inches long. Sprague made such a
> critter.
>
> Hope this history helps.
>
> /s/ DD, W1MCE

I'm pretty sure these motors don't have brushes and are electronically
commutated and the electronics are causing the EMI...
Mark

2178. Re: clean up ham radio SC start by truning in your license

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 20:21:55 UTC
From: honestjohn <honestjohn@centurytel.net>
Message-ID: <z9ednRmzO9Aqf8nYnZ2dnUVZ_s6dnZ2d@centurytel.net>
Source record: 49802
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"John Smith" <assemblywizard@gmail.com> wrote in message

>such thinking does provide one with an explanation as to where
> these chunks of matter, which keep landing on my head, are coming from!
> <straight-face> I accept such until a better explanation comes forth...
>
> JS

Now, don't you feel better for admitting that?

HJ

2179. Re: Never under estimate the power of stupid people in large groups.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 20:53:53 UTC
From: Republican <Rep@rnc.org>
Message-ID: <12l9pmrf9jt7sc8@corp.supernews.com>
Source record: 49803
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

"Slow Code" <my.mail@no.spam> wrote > >
> > They can start by implimenting a voucher system for students of parents
> > who can not afford private schools.
> > The bulk of their ever increasing property taxes goes to fund the
> > Socialist public school system. You know, the system that wants to do
> > away with The Pledge and instead have our children site quotes from the
> > koran.
>
>
> We need to keep pointing out their evil. Democrats throw BS out and
> ignorant people believe it.
>
> There's a radio show, the host has a person ask simple political questions
> to voters on the street. Most of the people are democrats, it's a Blue
> state.
>
> It's sad the number of voters that can't tell you the name of the
> vice-president, or other simple questions. Informed voters votes are
> getting cancel out by retard votes.
>
> SC

You can thank the Neo-Kommies.
Our founding fathers had it right the first time. Never should have allowed
Commons to vote.
They knew what would happen and so it has...

2180. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 22:33:40 UTC
From: clifto <clifto@gmail.com>
Message-ID: <5bbf24-lu1.ln1@remote.clifto.com>
Source record: 49804
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

MLD wrote:
> Nice thought, but I went a bit down that road--I'm fuzzy about the specific
> details but for one reason or another the people that I spoke to didn't give
> me anything positive. Something about the generation of RF interference not
> applying to a product like a furnace.

Anything that generates RF inside the USA is regulated by the FCC. If your
cat's butt emits RF in the USA it's regulated by the FCC.

--
"A man's country is not a certain area of land, of mountains, rivers, and
woods, but it is a principle; and patriotism is loyalty to that principle."
-- George William Curtis

2181. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-10 23:20:06 UTC
From: jgboyles@aol.com
Message-ID: <1163200805.949869.33280@b28g2000cwb.googlegroups.com>
Source record: 49805
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

Mark wrote:
> Dave wrote:
> > Mark wrote:
> > > modelman wrote:
> > >
> > >>Several months ago I had a high efficiency Trane XV90 natural gas
> > >>furnace and heat pump installed. Since the weather has recently been
> > >>cold enough for the gas furnace to provide heat, I have been
> > >>experiencing severe radio interference. The interference wipes out AM
> > >>broadcast reception throughout my house. I also see snow on a TV
> > >>connected to an external antenna.
> > >>
> > >>The radio noise occurs as soon as the draft inducer motor starts up;
> > >>the pitch of the interference is related to the motor speed. The draft
> > >>inducer motor is a dc motor driven by a PWM controller on the main
> > >>circuit board. ... SNIPPED ...
> > >
> > DC motors are notorious noise generators. Those of us who used to be mobile when
> > 6 VDC was the value of a car battery, and alternators did not exist, will attest
> > to the facts of generator [DC motor] noise.
> > >
> > A DC motor uses brushes to contact windings within the motor. As the motor turns
> > the brushes continually make and break current in the rotating armature
> > [inductance]. This making and breaking creates a very wide HF and lower VHF
> > noise spectrum. [Lots of sparks].
> > >
> > The solution, in the olden days, was a coaxial capacitor mounted directly to the
> > frame of the motor with the DC power running through the capacitor. I recall the
> > capacitor was about 1 inch in diameter and 2 inches long. Sprague made such a
> > critter.
> > >
> > Hope this history helps.
> > >
> > /s/ DD, W1MCE
> >
> I'm pretty sure these motors don't have brushes and are electronically
> commutated and the electronics are causing the EMI...
> Mark

Hi Mark, Modern HVAC, dishwashers, washing machines,ect. use variable
speed drives, which increases the efficiency of the devices. The
increased efficiency produces increased RFI due to the switching action
of the solid state devices (SCR's, BJT's, IGBJT's.ect). My washing

machine drives me crazy on Sat. morning on HF as my maid does the weekly wash. As for what you can do? I don't know, it would require vast amounts of filtering at the drives, I am sure that Trane and other mfgrs are not willing invest in.

This is completely different from the usual thermostat interference, and will be much more difficult to get rid of.
Gary N4AST

2182. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 00:11:19 UTC
From: "Mark@kb9rqz.aps" <Mark@kb9rqz.aprs>
Message-ID: <4555084c$0$12150$88260bb3@free.teranews.com>
Source record: 49806
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

"Mark" <makolber@yahoo.com> wrote in message
news:1163126510.918461.217420@m73g2000cwd.googlegroups.com...
> modelman wrote:
>> Several months ago I had a high efficiency Trane XV90 natural gas
>> furnace and heat pump installed. Since the weather has recently been
>> cold enough for the gas furnace to provide heat, I have been
>> experiencing severe radio interference. The interference wipes out AM
>> broadcast reception throughout my house. I also see snow on a TV
>> connected to an external antenna.
>>
>> The radio noise occurs as soon as the draft inducer motor starts up;
>> the pitch of the interference is related to the motor speed. The draft
>> inducer motor is a dc motor driven by a PWM controller on the main
>> circuit board. It is well known that PWM systems generate strong
>> harmonics throughout the radio spectrum, resulting in radio
>> interference. However, properly designed PWM systems include filtering
>> and shielding to suppress the radio frequency currents from the wiring.
>>
>> I contacted my installer, who is totally unfamiliar with the problem.
>> The electrician who was sent to my house to investigate the problem
>> also doesn't understand what's going on. I had to explain the
>> difference between an RF ground and dc or house ground to him.
>> Although everything appears to be well grounded from a dc perspective,
>> I suspect that portions of the system are radiating RF energy.
>>
>> Several days ago I emailed Trane about the problem, but haven't
>> received any response.
>>
>> Although there has been past discussion in this group about radio/TV
>> interference emanating from Trane high efficiency gas furnaces, I
>> haven't seen any definitive fix. Does anyone know if Trane has a fix
>> for this problem. Do they have a shielded cable and or rf filter kit
>> to suppress this noise? Since my system is under warranty, I won't
>> attempt any modiifcations to the system.
>>
>> Has anyone experienced this problem?
>>
>> Thanks.
>
>
> Trane should be made to fix this and recall all the units that have
> been installed. I can pick this interference up on a 2 meter receiver
> in my car for blocks. The FCC should bust them if they don't fix it...

>
> I cross posted this to some of the amateur radio groups.
>
> Mark
>
with the punce gotcha do u hav anyting cognet two say?

--
Posted via a free Usenet account from http://www.teranews.com

2183. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 00:14:21 UTC
From: Jake <jkelleyus@verizon.net>
Message-ID: <xB85h.54$xD.43@trndny08>
Source record: 49807
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

Interesting discussion, folks....

As a controls engineer and High-Voltage electrician.... as well as delving into HVAC control of late... here's my observations...

These manufacturers will always take the cheapest route possible and damn the consequences. This is particularly true in power and control systems.

A whole lot of manufacturers are moving toward PWM drives on their blowers in particular. Many solutions are an 'on-board' frequency chopper that is integral with the blower's motor.

These choppers are cheaply built and cheaply engineered. I suppose they thought RFI and EMI would be insignificant due to the control being mounted on the motor... but they're noisy as hell.

Suggestions: Replace the power cables with a shielded, VFD rated cable. Belden makes a wide variety... I think they're called the VFD classic line. Pay close attention the unit and cable grounding. Check to be certain your house ground and neutral connections are only tied together at the service entrance panel of your home.

My 2 cents...

Jake

2184. Re: Never under estimate the power of stupid people in large groups.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 00:51:00 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <U795h.5469$ig4.347@newsread2.news.pas.earthlink.net>
Source record: 49808
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

"U-Know-Who" <no-one@nowhere.com> wrote in
news:C1T4h.1555$mR4.1303@tornado.texas.rr.com:

>
> "Slow Code" <my.mail@no.spam> wrote in message
> news:OLO4h.4564$l25.369@newsread4.news.pas.earthlink.net...
>> "maskirovka" <rec@radio.shortwave> wrote in
>> news:eivl1q$b3h$1@aioe.server.aioe.org:
>>
>>>
>>> "Slow Code" <my.mail@no.spam> wrote in message
>>> news:YSu4h.4114$0r.1277@newsread1.news.pas.earthlink.net...
>>>>
>>>> I hope one day the republicans figure that out.
>>>>
>>>> SC
>>>
>>> They can start by implimenting a voucher system for students of
>>> parents who can not afford private schools.
>>> The bulk of their ever increasing property taxes goes to fund the
>>> Socialist public school system. You know, the system that wants to do
>>> away with The Pledge and instead have our children site quotes from
>>> the koran.
>>
>>
>> We need to keep pointing out their evil. Democrats throw BS out and
>> ignorant people believe it.
>>
>> There's a radio show, the host has a person ask simple political
>> questions to voters on the street. Most of the people are democrats,
>> it's a Blue state.
>>
>> It's sad the number of voters that can't tell you the name of the
>> vice-president, or other simple questions. Informed voters votes are
>> getting cancel out by retard votes.
>
> Like yours.

The democrats won, so you're right, a retards vote canceled out my vote.

SC

2185. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 00:55:11 UTC
From: Noon-Air <Noon-Air@comcast.net>
Message-ID: <VOWdnTl2D8nygsjYnZ2dnUVZ_qydnZ2d@comcast.com>
Source record: 49809
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

"Jake" <jkelleyus@verizon.net> wrote in message
news:xB85h.54$xD.43@trndny08...
> Interesting discussion, folks....
>
> As a controls engineer and High-Voltage electrician.... as well as delving
> into HVAC control of late... here's my observations...
>
> These manufacturers will always take the cheapest route possible and damn
> the consequences. This is particularly true in power and control systems.
>
> A whole lot of manufacturers are moving toward PWM drives on their blowers
> in particular. Many solutions are an 'on-board' frequency chopper that is
> integral with the blower's motor.
>
> These choppers are cheaply built and cheaply engineered. I suppose they
> thought RFI and EMI would be insignificant due to the control being
> mounted on the motor... but they're noisy as hell.
>
> Suggestions: Replace the power cables with a shielded, VFD rated cable.
> Belden makes a wide variety... I think they're called the VFD classic
> line. Pay close attention the unit and cable grounding. Check to be
> certain your house ground and neutral connections are only tied together
> at the service entrance panel of your home.
>
> My 2 cents...
>
> Jake

As Jake said.... with the addition of....
Make sure that you have proper earth grounds for your power, and the HAM rigs/shack. That will go a long way towards eliminating RFI. Make sure that all the bonding screws in the furnace are clean and tight, make sure that the furnace has a proper ground also.
When I put the shack together, I drove a seperate 8ft copper ground rod, and silver brazed #6 solid copper to it, then silver brazed the wire to the copper ground buss on the back of the bench. All equipment grounded.....no problem.

de n6ojn

2186. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 01:18:33 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <455524e9$0$1016$39cecf19@news.twtelecom.net>
Source record: 49810

Cecil Moore wrote:

> John Smith wrote:
>
>> This page contains instructions on how to construct a cheap and simple
>> device to detect the ether.
>
>
> Consider that the galactic red shift might be caused
> by the expansion of the ether and not by movement of
> the galaxies.

Oh Cecil. You disappoint me. I really thought you were smarter than this.

tom
K0TAR

2187. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 01:41:57 UTC
From: Mo Hoaner <spam@uce.gov>
Message-ID: <CR95h.11048$1v.8719@bignews3.bellsouth.net>
Source record: 49811
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

"clifto" <clifto@gmail.com> wrote in message
news:5bbf24-lu1.ln1@remote.clifto.com...
> MLD wrote:
>> Nice thought, but I went a bit down that road--I'm fuzzy about the
>> specific
>> details but for one reason or another the people that I spoke to didn't
>> give
>> me anything positive. Something about the generation of RF interference
>> not
>> applying to a product like a furnace.
>
> Anything that generates RF inside the USA is regulated by the FCC. If your
> cat's butt emits RF in the USA it's regulated by the FCC.
>
Wrong. If the cat's butt emits RF, it's regulated by the FCC. But, digital equipment used only in transportation vehicles - busses, cars, aircraft - and equipment used in appliances - HVAC equipment mentioned specifically - are exempt from Radio Frequency Device regulations. The rule says "....are exempt from the specific technical standards and other requirements contained in this part. The operator of the exempted device shall be required to stop operating the device upon a finding by the Commission or its representative that the device is causing harmful interference".

As to harmful interference, just because the noise floor rises 20db for 5 seconds on a 50 kHz segment of 20 meters when a bus passes your house, it isn't going to be considered harmful interference. As much as you might like to think that it is, a detectable signal from your neighbors Air Conditioner isn't going to be considered "harmful interference". A carrier that obliterates a specific, used - as in "there's a repeater 3 miles away running 200 watts on 444.600, and the carrier from the Carrier (or Trane) nukes it" - frequency might result in a letter. Just " 'cause you can hear it" ain't gonna cut it.

47CFR15.103

2188. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 01:54:42 UTC
From: Alan Taylor <adt1944@hotmail.com>
Message-ID: <45552d64$1_1@news.iprimus.com.au>
Source record: 49812
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

Hi again Mark,

I think Jake is on the right track, whatever the source of noise inside the unit its the mechanism that radiates the noise that needs to be attended to. In my case it was the external cables, choking them off with ferrite sorted out my problem. To suppress the noise at source within the unit seems a bit hard for me. I also suspect there may be more than one noise source in the box.

73 Alan VK6BN

"Mark" <makolber@yahoo.com> wrote
>> Several months ago I had a high efficiency Trane XV90 natural gas
>> furnace and heat pump installed. Since the weather has recently been
>> cold enough for the gas furnace to provide heat, I have been
>> experiencing severe radio interference. The interference wipes out AM

2189. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 02:13:53 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej3bn5$9u3$1@news.ndhu.edu.tw>
Source record: 49813
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

Mark wrote:
> Dave wrote:
>> Mark wrote:
>>> modelman wrote:
>>>
>> /s/ DD, W1MCE
>
> Mark
>

Mark:

A quick check of the web turned up a site with posts dealing with the same problem you are experiencing, it seems someone was able to make some noticeable improvements in the rf interference generated--but not totally eliminate... Just might be worth you time time to look, the link I will paste is a long one, if it wraps you may have to copy and paste both lines into the address bar of your browser and make sure there have been no breaks, spaces, caused the whole link. Hope this helps...

http://groups.google.com/group/alt.home.repair/browse_thread/thread/c562c69341788370/cceb8ab594ac0781%23cceb8ab594ac0781

Regards,
JS

2190. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 02:38:31 UTC
From: Mike Coslo <mremovethiscoslo@adelphia.net>
Message-ID: <KeSdnUXEo6Q4qsjYnZ2dnUVZ_tOdnZ2d@comcast.com>
Source record: 49814

Cecil Moore wrote:
> John Smith wrote:
>
>> What would you see as the affect causing the red shift effect?
>
>
> We are immersed in relativistic effects and cannot
> measure or see the forest for the trees.

I'm holding out for Phlogiston theory to come back....;^)

- 73 de Mike KB3EIA -

2191. Re: clean up ham radio SC start by truning in your license

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 02:55:39 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej3e59$23ra$1@news.ndhu.edu.tw>
Source record: 49815
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

honestjohn wrote:
>
> Now, don't you feel better for admitting that?
>
> HJ
>
>

BELIEVE!

JS

2192. Re: clean up ham radio SC start by truning in your license

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 02:56:50 UTC
From: honestjohn <honestjohn@centurytel.net>
Message-ID: <ksKdne4UG9DY3MjYnZ2dnUVZ_sednZ2d@centurytel.net>
Source record: 49817
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

"John Smith" <assemblywizard@gmail.com> wrote in message
news:ej3e59$23ra$1@news.ndhu.edu.tw...
> honestjohn wrote:
> >
> > Now, don't you feel better for admitting that?
> >
> > HJ
> >
> >
>
> BELIEVE!
>
Amen Brother, I do!

HJ

2193. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 03:02:36 UTC
From: Tony Hwang <dragon40@shaw.ca>
Message-ID: <g3b5h.295960$R63.14677@pd7urf1no>
Source record: 49816
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

Alan Taylor wrote:

> Hi again Mark,
>
> I think Jake is on the right track, whatever the source of noise inside the
> unit its the mechanism that radiates the noise that needs to be attended to.
> In my case it was the external cables, choking them off with ferrite sorted
> out my problem. To suppress the noise at source within the unit seems a bit
> hard for me. I also suspect there may be more than one noise source in the
> box.
>
> 73 Alan VK6BN
>
>
> "Mark" <makolber@yahoo.com> wrote
>
>>>Several months ago I had a high efficiency Trane XV90 natural gas
>>>furnace and heat pump installed. Since the weather has recently been
>>>cold enough for the gas furnace to provide heat, I have been
>>>experiencing severe radio interference. The interference wipes out AM
>
>
>
Hi,
Then, shielding, choking, bypassing with caps come to mind. It's all by
trial and error. O'scope may come in handy.

2194. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 04:06:09 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej3i9i$2fnd$1@news.ndhu.edu.tw>
Source record: 49818

Tom Ring wrote:
> Cecil Moore wrote:
>
>> John Smith wrote:
>>
>>> This page contains instructions on how to construct a cheap and
>>> simple device to detect the ether.
>>
>>
>> Consider that the galactic red shift might be caused
>> by the expansion of the ether and not by movement of
>> the galaxies.
>
> Oh Cecil. You disappoint me. I really thought you were smarter than this.
>
> tom
> K0TAR

Ahhh, Mr. Tom Ring, the number one heckler of Cecil Moore! A personality in his own right, if for no other reason than his imbecilic and insane persistence in this devotion to such petty heckling!

Let me see, there are many, many posts from Mr. Tom Ring to this newsgroup, and these posts span a notable time span. Now, as to the worth of these posts, let us have a look.

It seems Mr. Ring is very good at making some use of the available and current technology. He even has made some recorded voice files available on the net. Seems if questions asked here in the group are more-or-less standard ones, and the knowledge is quite commonly available, Mr Ring is very, very good at looking it up, citing sources and pointing out known and very much accepted, traditional thinking, solutions and methods. He might even be a master at using Roy's little program to plot antenna design specs! Indeed, it might be said he would be suitable to tutor another on and in its' use. And, I do believe he has never failed in being able to match his antenna to his xmitter as a proper load.

But, in my humble opinion, although you may search from the beginning of his posts, here and in other groups or the web, he has demonstrated very little if any real abilities, motivations or offerings in ORIGINAL THOUGHT! Mr. Ring is a bit of a coward, and although any physicist with a valid degree will acknowledge that we are far from having explained, to any complete satisfaction, the workings of electromagnetic waves and their propagation, the medium they exist within, etc., Mr. Ring hides

always in the shadows of others findings, proofs, theories, experiments, designs, etc. It seems Mr. Ring is much, too much a coward to ever stick his neck out and offer any original thought, and this is especially noted if it would require such thought to be against "Traditional Beliefs." Mr. Ring, I suspect, is more of a "YES MAN."

While Mr. Ring may be a devoted member of "The Church of Hardcore and Steadfast Amateurs Devoted to The Traditions of the Decades" he quite certainly will NEVER offer any ideas, theories, experiments or even words against traditionally held beliefs, which even by the sheerest of accidents, would contribute to anything, even remotely, resembling a new discovery, a new design, a new method, a new tradition.

If you want to find plans for equipment someone else has designed, Mr. Ring is your man! If you need antenna advice on any standard and "amateur accepted" antenna, Mr. Ring is your man!

However, if you grow tire of the common, of the already "explored to death", of touted lines from notary figures and wish to try new things, you may expect only ridicule from Mr. Tom Ring.

I can only offer you my personal opinion of Mr. Tom Ring. But, I think you already know what that opinion is, and I will spare you the tirade... I am sure Mr. Ring already already suspects what he is, and seeks to lessen taller men, with his imbecilic heckling, who threaten him with their shadow--indeed, Mr. Ring attempts to silence any thought which would lead to new discoveries--imagine if he was next to Tesla, Bell, Pasteur, da Vinci, etc. in a newsgroup, AND WAS SUCCESSFUL!

A million men might offer clues and make attempts and fail before but one man sees the light and is successful. Just think, that implies 999,999 hecklers might have been right--only one needed to be wrong for a new discovery.

Thank God newsgroups were not in existence, and Mr. Ring present therein when the Wright brothers dreamed...

Sorry, that has been building for a bit...

Regards,
JS

2195. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 04:20:47 UTC
From: nm5k@wt.net
Message-ID: <1163218847.214209.128530@h54g2000cwb.googlegroups.com>
Source record: 49819

Cecil Moore wrote:
> John Smith wrote:
> > What would you see as the affect causing the red shift effect?
>
> We are immersed in relativistic effects and cannot
> measure or see the forest for the trees. If our
> velocity is less today than it was in the past, then
> seconds are shorter today than in the past. If we
> measure a frequency with a second that is shorter
> than seconds were when the frequency was generated,
> the frequency measurement is red-shifted. If we
> measure the age of the universe with shortened
> seconds, we come up with a value that is too large.
>
> What if the very first second after the Big Bang was
> one billion years long measured in present day seconds?
> Hyperinflation would not be needed. And there would
> be a drift between carbon-14 years and Bristle Cone
> pine rings.
>
> This thought occurred to me some 40+ years ago when
> I made a frequency measurement and the time base
> selection knob on my o'scope was loose and pointing
> to the wrong time scale. I measured 30 Hz for the
> power line frequency.
> --
> 73, Cecil http://www.w5dxp.com

Dunno. I still think time is a man made confarction.
After all, who was the one that determined just how
long a second lasted in the first place. Probably a
hairy man. Who would be the one to decide that the
length of a second has changed value? Again, probably
some hairly legged dude sitting at a desk.
Me? I don't think time exists as we know it. Time as
we know it was conceived by men, for men.
A second can be any length we choose.
Of course, through time as we know it, we have developed
tighter standards of tracking this unit of measure, which
was conceived by man for man. Of course, I imagine the
beginnings of keeping track of time were all solar related.
IE: sunrise, sunset, etc..
Time is infinite the way I see it.
In it's true state, it has no bounderies. In a way, it doesn't

even exist.
My name is not Einstein, but I approved this message anyway.
MK

2196. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 05:14:06 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej3m8u$2r0g$1@news.ndhu.edu.tw>
Source record: 49821

nm5k@wt.net wrote:
> Cecil Moore wrote:
>> John Smith wrote:
>>> What would you see as the affect causing the red shift effect?
>> We are immersed in relativistic effects and cannot
>> measure or see the forest for the trees. If our
>> velocity is less today than it was in the past, then
>> seconds are shorter today than in the past. If we
>> measure a frequency with a second that is shorter
>> than seconds were when the frequency was generated,
>> the frequency measurement is red-shifted. If we
>> measure the age of the universe with shortened
>> seconds, we come up with a value that is too large.
>>
>> What if the very first second after the Big Bang was
>> one billion years long measured in present day seconds?
>> Hyperinflation would not be needed. And there would
>> be a drift between carbon-14 years and Bristle Cone
>> pine rings.
>>
>> This thought occurred to me some 40+ years ago when
>> I made a frequency measurement and the time base
>> selection knob on my o'scope was loose and pointing
>> to the wrong time scale. I measured 30 Hz for the
>> power line frequency.
>> --
>> 73, Cecil http://www.w5dxp.com
>
> Dunno. I still think time is a man made confarction.
> After all, who was the one that determined just how
> long a second lasted in the first place. Probably a
> hairy man. Who would be the one to decide that the
> length of a second has changed value? Again, probably
> some hairly legged dude sitting at a desk.
> Me? I don't think time exists as we know it. Time as
> we know it was conceived by men, for men.
> A second can be any length we choose.
> Of course, through time as we know it, we have developed
> tighter standards of tracking this unit of measure, which
> was conceived by man for man. Of course, I imagine the
> beginnings of keeping track of time were all solar related.
> IE: sunrise, sunset, etc..
> Time is infinite the way I see it.
> In it's true state, it has no bounderies. In a way, it doesn't

> even exist.
> My name is not Einstein, but I approved this message anyway.
> MK
>

MK:

Indeed:

... But this ether may not be thought of as endowed with the quality characteristic of ponderable media, as consisting of parts which may be tracked through time. -- Einstein

You just sounded a LOT like him...

JS

2197. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 05:17:52 UTC
From: kd5sak <kd5sak@sbcglobal.net>
Message-ID: <42d5h.3764$IR4.1121@newssvr25.news.prodigy.net>
Source record: 49820

"Mike Coslo" <mremovethiscoslo@adelphia.net> wrote in message
news:KeSdnUXEo6Q4qsjYnZ2dnUVZ_tOdnZ2d@comcast.com...
> Cecil Moore wrote:
>> John Smith wrote:
>>
>>> What would you see as the affect causing the red shift effect?
>>
>>
>> We are immersed in relativistic effects and cannot
>> measure or see the forest for the trees.
>
> I'm holding out for Phlogiston theory to come back....;^)
>
> - 73 de Mike KB3EIA -

Could be that light ages over eons of travel time and the red shift is
actually a form
of fatigue. Or not. (G)

Harold
KD5SAK

2198. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 05:28:35 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej3n43hej1@news.ndhu.edu.tw>
Source record: 49822

kd5sak wrote:
> "Mike Coslo" <mremovethiscoslo@adelphia.net> wrote in message
> news:KeSdnUXEo6Q4qsjYnZ2dnUVZ_tOdnZ2d@comcast.com...
>> Cecil Moore wrote:
>>> John Smith wrote:
>>>
>>>> What would you see as the affect causing the red shift effect?
>>>
>>> We are immersed in relativistic effects and cannot
>>> measure or see the forest for the trees.
>> I'm holding out for Phlogiston theory to come back....;^)
>>
>> - 73 de Mike KB3EIA -
>
>
> Could be that light ages over eons of travel time and the red shift is
> actually a form
> of fatigue. Or not. (G)
>
> Harold
> KD5SAK
>
>

Interesting enough, I found just such a theory being advanced awhile
back by a "real" university, it sounds preposterous, don't you think?
However, if you happen to have that page, please post it--I should have
at least given it a full read before dismissal...

Regards,
JS

2199. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 12:01:34 UTC
From: kd5sak <kd5sak@sbcglobal.net>
Message-ID: <yYi5h.2360$6t.601@newssvr11.news.prodigy.com>
Source record: 49823

"John Smith" <assemblywizard@gmail.com> wrote in message
news:ej3n43hej1@news.ndhu.edu.tw...
>> Could be that light ages over eons of travel time and the red shift is
>> actually a form
>> of fatigue. Or not. (G)
>>
>> Harold
>> KD5SAK
>
> Interesting enough, I found just such a theory being advanced awhile back
> by a "real" university, it sounds preposterous, don't you think?
> However, if you happen to have that page, please post it--I should have at
> least given it a full read before dismissal...
>
> Regards,
> JS

I have'nt seen anything on that. It's just something that pops up out of the
back
of my mind on the rare occasions that I see a discussion on "Red Shift". Now
that you've mentioned it I'll do a web search and see if I can find anything
on the web. Be interesting to see what aspect of physics "they" think might
allow for that "light aging" to occur.

Harold
KD5SAK

2200. What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 12:06:16 UTC
From: David <nospam@nospam>
Message-ID: <_vydnV0u-L8hIcjYRVnyhg@bt.com>
Source record: 49824

What would you define RF ground as? There seem to be a lot of different ideas.

2201. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 12:58:21 UTC
From: Smarty <nobody@nobody.com>
Message-ID: <N6udnQNuGrVxVcjYnZ2dnUVZ_tudnZ2d@adelphia.com>
Source record: 49825
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

Yes, the FCC not only has cognizance, but quite legitimately does not want to see products throwing a lot of EMI out which cause you and perhaps your neighbors to have reception issues. If I were at Trane handling Customer Service and was threatened with FCC action, I would react.

Smarty

"clifto" <clifto@gmail.com> wrote in message news:5bbf24-lu1.ln1@remote.clifto.com...
> MLD wrote:
>> Nice thought, but I went a bit down that road--I'm fuzzy about the
>> specific
>> details but for one reason or another the people that I spoke to didn't
>> give
>> me anything positive. Something about the generation of RF interference
>> not
>> applying to a product like a furnace.
>
> Anything that generates RF inside the USA is regulated by the FCC. If your
> cat's butt emits RF in the USA it's regulated by the FCC.
>
> --
> "A man's country is not a certain area of land, of mountains, rivers, and
> woods, but it is a principle; and patriotism is loyalty to that
> principle."
> -- George William Curtis

2202. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 13:15:06 UTC
From: Mark <makolber@yahoo.com>
Message-ID: <1163250906.666146.115320@h48g2000cwc.googlegroups.com>
Source record: 49676
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

> Hi,
> Then, shielding, choking, bypassing with caps come to mind. It's all by
> trial and error. O'scope may come in handy.

Well that's my concern.
There are more and more of these kinds of units being installed
everyday.
We can't "home brew" a fix for all of them.
Someone needs to get to the FCC or to the manufacterer to fix this at
the source before it gets worse.

Mark

2203. Re: What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 13:49:42 UTC
From: Dave Oldridge <doldridg@leavethisoutshaw.ca>
Message-ID: <Xns98783B48D3D9Adoldridgsprintca@64.59.135.159>
Source record: 49677

"David" <nospam@nospam> wrote in news:_vydnV0u-L8hIcjYRVnyhg@bt.com:

> What would you define RF ground as? There seem to be a lot of different
> ideas.

Except in the case of ground-mounted antennas, there is really no such
thing. There is RF neutral, though.

--
Dave Oldridge+
ICQ 1800667

2204. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 13:51:45 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <3pKdnWyeNpLsSMjYnZ2dnUVZ_umdnZ2d@comcast.com>
Source record: 49678
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

Noon-Air wrote:

SNIPPED
>
> As Jake said.... with the addition of....
> Make sure that you have proper earth grounds for your power, and the HAM
> rigs/shack. That will go a long way towards eliminating RFI. Make sure that
> all the bonding screws in the furnace are clean and tight, make sure that
> the furnace has a proper ground also.
> When I put the shack together, I drove a seperate 8ft copper ground rod, and
> silver brazed #6 solid copper to it, then silver brazed the wire to the
> copper ground buss on the back of the bench. All equipment grounded.....no
> problem.
>
> de n6ojn
>
>

As you describe your setup it does meet USA National Electrical Code. Your home should have ONLY one earth connection, not two!

As you describe it, your house presumably has the electrical service panel grounded to an 8 feet long ground rod where the service enters the house. You seem to have added a second 8 feet ground rod to your home specifically for the Ham station.

Check with a local electrician for specific compliance issues.

/s/ DD

2205. Re: What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 14:21:24 UTC
From: Richard Fry <rfry@adams.net>
Message-ID: <ej4m9c$9t5$1@news.ndhu.edu.tw>
Source record: 49679

"David" wrote
> What would you define RF ground as? There seem to be
> a lot of different ideas.

A good "r-f ground" has a very small impedance to the flow of r-f current at the frequency of interest.

A good r-f ground is especially important when using a ground-mounted vertical monopole radiator, because the path to "ground" is in series with the r-f current flowing on the monopole. Power consumed by the ground system is wasted (not radiated as EM energy).

At medium wave broadcast frequencies and in the 160 meter and low HF bands, a system of ~120 buried radials each about 1/4-wave long provides a reasonably low-Z ground connection -- probably 2 ohms or less, regardless of the ground conductivity at the site. This was determined experimentally by Brown, Lewis and Epstein of RCA in 1937.

Copper water pipes in the home, and even buried ground rods typically are not good, low-Z r-f grounds.

But many antenna types - such as a dipole - do not need or use such an r-f ground for efficient radiation.

RF

2206. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 14:26:17 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <h4l5h.705$4_.8@newsfe09.lga>
Source record: 49680

Amen!
That 'splains it! For a while I thought I have a "problem" :-)

Someone who can only spew "evaluations" of poster's mental faculties here,
without engaging in some technical discussion, belongs do Psycho-Antenna NG.

Those on the west coast can visit Tesla Exhibit in Vancouver BC Nov 16 - 30.
Should be very interesting. If Tesla was around today and posted here, I bet
W8JI would make him look like a F0OL too.

Another small step for Teslians in the (perfect ground) mud of N2EE site,
another large hole in the roof fixed. See www.TeslaRadio.org for some new
pictures.

73 Yuri, K3BU

>> Oh Cecil. You disappoint me. I really thought you were smarter than
>> this.
>>
>> tom
>> K0TAR
>
> Ahhh, Mr. Tom Ring, the number one heckler of Cecil Moore! A personality
> in his own right, if for no other reason than his imbecilic and insane
> persistence in this devotion to such petty heckling!
>
> Let me see, there are many, many posts from Mr. Tom Ring to this
> newsgroup, and these posts span a notable time span. Now, as to the worth
> of these posts, let us have a look.
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> It seems Mr. Ring is very good at making some use of the available and
> current technology. He even has made some recorded voice files available
> on the net. Seems if questions asked here in the group are more-or-less
> standard ones, and the knowledge is quite commonly available, Mr Ring is
> very, very good at looking it up, citing sources and pointing out known
> and very much accepted, traditional thinking, solutions and methods. He
> might even be a master at using Roy's little program to plot antenna
> design specs! Indeed, it might be said he would be suitable to tutor
> another on and in its' use. And, I do believe he has never failed in
> being able to match his antenna to his xmitter as a proper load.
>
> But, in my humble opinion, although you may search from the beginning of
> his posts, here and in other groups or the web, he has demonstrated very
> little if any real abilities, motivations or offerings in ORIGINAL
> THOUGHT! Mr. Ring is a bit of a coward, and although any physicist with a
> valid degree will acknowledge that we are far from having explained, to

> any complete satisfaction, the workings of electromagnetic waves and their
> propagation, the medium they exist within, etc., Mr. Ring hides always in
> the shadows of others findings, proofs, theories, experiments, designs,
> etc. It seems Mr. Ring is much, too much a coward to ever stick his neck
> out and offer any original thought, and this is especially noted if it
> would require such thought to be against "Traditional Beliefs." Mr. Ring,
> I suspect, is more of a "YES MAN."
>
> While Mr. Ring may be a devoted member of "The Church of Hardcore and
> Steadfast Amateurs Devoted to The Traditions of the Decades" he quite
> certainly will NEVER offer any ideas, theories, experiments or even words
> against traditionally held beliefs, which even by the sheerest of
> accidents, would contribute to anything, even remotely, resembling a new
> discovery, a new design, a new method, a new tradition.
>
> If you want to find plans for equipment someone else has designed, Mr.
> Ring is your man! If you need antenna advice on any standard and "amateur
> accepted" antenna, Mr. Ring is your man!
>
> However, if you grow tire of the common, of the already "explored to
> death", of touted lines from notary figures and wish to try new things,
> you may expect only ridicule from Mr. Tom Ring.
>
> I can only offer you my personal opinion of Mr. Tom Ring. But, I think
> you already know what that opinion is, and I will spare you the tirade...
> I am sure Mr. Ring already already suspects what he is, and seeks to
> lessen taller men, with his imbecilic heckling, who threaten him with
> their shadow--indeed, Mr. Ring attempts to silence any thought which would
> lead to new discoveries--imagine if he was next to Tesla, Bell, Pasteur,
> da Vinci, etc. in a newsgroup, AND WAS SUCCESSFUL!
>
> A million men might offer clues and make attempts and fail before but one
> man sees the light and is successful. Just think, that implies 999,999
> hecklers might have been right--only one needed to be wrong for a new
> discovery.
>
> Thank God newsgroups were not in existence, and Mr. Ring present therein
> when the Wright brothers dreamed...
>
> Sorry, that has been building for a bit...
>
> Regards,
> JS

2207. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 14:27:52 UTC
From: AKS <a.seput@verizon.net>
Message-ID: <l5l5h.106$m72.44@trnddc03>
Source record: 49681
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

<jgboyles@aol.com> wrote in message
news:1163200805.949869.33280@b28g2000cwb.googlegroups.com...
> Mark wrote:
>> Dave wrote:
>> > Mark wrote:
>> > > modelman wrote:
>> > >
>> > >>Several months ago I had a high efficiency Trane XV90 natural gas
>> > >>furnace and heat pump installed. Since the weather has recently been
>> > >>cold enough for the gas furnace to provide heat, I have been
>> > >>experiencing severe radio interference. The interference wipes out
>> > >>AM
>> > >>broadcast reception throughout my house. I also see snow on a TV
>> > >>connected to an external antenna.
>> > >>
>> > >>The radio noise occurs as soon as the draft inducer motor starts up;
>> > >>the pitch of the interference is related to the motor speed. The
>> > >>draft
>> > >>inducer motor is a dc motor driven by a PWM controller on the main
>> > >>circuit board. ... SNIPPED ...
>> >
>> > DC motors are notorious noise generators. Those of us who used to be
>> > mobile when
>> > 6 VDC was the value of a car battery, and alternators did not exist,
>> > will attest
>> > to the facts of generator [DC motor] noise.
>> >
>> > A DC motor uses brushes to contact windings within the motor. As the
>> > motor turns
>> > the brushes continually make and break current in the rotating armature
>> > [inductance]. This making and breaking creates a very wide HF and lower
>> > VHF
>> > noise spectrum. [Lots of sparks].
>> >
>> > The solution, in the olden days, was a coaxial capacitor mounted
>> > directly to the
>> > frame of the motor with the DC power running through the capacitor. I
>> > recall the
>> > capacitor was about 1 inch in diameter and 2 inches long. Sprague made
>> > such a
>> > critter.
>> >
>> > Hope this history helps.

>> >
>> > /s/ DD, W1MCE
>>
>> I'm pretty sure these motors don't have brushes and are electronically
>> commutated and the electronics are causing the EMI...
>> Mark
>
> Hi Mark, Modern HVAC, dishwashers, washing machines,ect. use variable
> speed drives, which increases the efficiency of the devices. The
> increased efficiency produces increased RFI due to the switching action
> of the solid state devices (SCR's, BJT's, IGBJT's.ect). My washing
> machine drives me crazy on Sat. morning on HF as my maid does the
> weekly wash. As for what you can do? I don't know, it would require
> vast amounts of filtering at the drives, I am sure that Trane and
> other mfgrs are not willing invest in.
>
> This is completely different from the usual thermostat interference,
> and will be much more difficult to get rid of.
> Gary N4AST
>
Gentlemen Hi
and there is nothing that could be done to force OEMs
for clean up this interference (RFI?) That is nice but
you and I if interfere with some one TV in Neighborhood
FCC would be all over our ass thanks for equal justice
KA2AYS

2208. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 14:29:12 UTC
From: Noon-Air <Noon-Air@comcast.net>
Message-ID: <_uGdncbT8IukQ8jYnZ2dnUVZ_rWdnZ2d@comcast.com>
Source record: 49682
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

"Dave" <W1MCE@comcast.net> wrote in message
news:3pKdnWyeNpLsSMjYnZ2dnUVZ_umdnZ2d@comcast.com...
> Noon-Air wrote:
>
> SNIPPED
>>
>> As Jake said.... with the addition of....
>> Make sure that you have proper earth grounds for your power, and the HAM
>> rigs/shack. That will go a long way towards eliminating RFI. Make sure
>> that all the bonding screws in the furnace are clean and tight, make sure
>> that the furnace has a proper ground also.
>> When I put the shack together, I drove a seperate 8ft copper ground rod,
>> and silver brazed #6 solid copper to it, then silver brazed the wire to
>> the copper ground buss on the back of the bench. All equipment
>> grounded.....no problem.
>>
>> de n6ojn
>>
>>
>
> As you describe your setup it does meet USA National Electrical Code. Your
> home should have ONLY one earth connection, not two!

Actually as I live in a lightening prone area, my home has several earth
grounds as do most of the other buildings in the area.

> As you describe it, your house presumably has the electrical service panel
> grounded to an 8 feet long ground rod where the service enters the house.

The main service panel has 2 ground rods tied to the same buss, The TV cable
entrance has a seperate earth ground, as does the telephone entrance, and
the sub panel in the garage.

>You seem to have added a second 8 feet ground rod to your home specifically
>for the Ham station.

Yes and that one too.

> Check with a local electrician for specific compliance issues.

done did... the sparky is the one that put the extra rods in for the service
entrance and the garage sub panel, and the city inspector signed off on it.

> /s/ DD
>

2209. Re: Looking for a base antenna for a Yeasu 8900R

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 14:36:59 UTC
From: Christopher Cox <chrisTOPHERcOX@coboxincORORATED.com>
Message-ID: <fel5h.26861$OE1.17400@tornado.ohiordc.rr.com>
Source record: 49683

nobody@nowhere.com wrote:
> On Thu, 09 Nov 2006 18:28:51 -0600, Bob Bob <bob3bob3@cox.net> wrote:
>
>
>>I don't know the radio at all! I also never troubled myself to find out
>>what Technician limitations were!
>>
>>What I am trying to get at is that if you want one antenna to do the
>>job, it isn't going to work as well as three antennas, one for each of
>>the bands (6/2/70) you are interested in. Like a said a dual (or more)
>>band design will be a compromise. This is not the same kind of issue you
>>might get on HF (you mentioned G5RV). Ionospheric propagation on HF is
>>(kind of) happy with a radiation pattern that isn't horizontal to the
>>ground. On VHF/UHF it is very important however to get the pattern as
>>close to the horizontal as possible, hence these antenna designs can be
>>said to be more critical.
>>
>>If for example you constructed a vertical halfwave on 6m, the same
>>antenna fed on 2m would have much of its radiation going skyward at a
>>steep angle...
>>
>>This begs the question, do you want to buy or build? There are some nice
>>2/70 dual band antennas out there that might be a good initial
>>purchase. Have no idea what they cost or how good they are though.
>>
>>Cheers Bob W5/VK2YQA (Australian in East Texas!)
>>
>>nobody@nowhere.com wrote:
>>
>>
>>>
>>>I'm not sure what you mean by half of the bands when the radio only
>>>does FM and on 4 bands only. 10M, 6M, 2M, & 70cm. I don't even care
>>>about the 10M as I'm just a tech with no intrest in becoming a
>>>general.
>>>
>>>We have several 6M repeaters around here and it'll do 6M simplex on
>>>50W. A beam will get me a lot of distance.
>>>
>>>Of course I could buy an Icom 706 MK-II G and then just get a hor beam
>>>or use a G5RV.
>>>
>>>
>

>
> I'm really not too intrested in building. Hands are too shakky.
> However I did find a nice Cushcraft tri band FM beam. It'll do 6M,
> 2M, and 70cm. This is what I want. One antenna. I've only got one
> pole. The pole is already there. Its a 55 ft pushup pole. Its not a
> tower but then my funds are limited. I get maybe $1K per year for
> equipment and sometimes not that much.
>
> Now I'm thinking of an antenna for the same freqs but for SSB.
>
>

Hello,

Not being an expert, and there are a few here:

If you do not want to spend allot of time building....

I would modify a Diamond HV7A or CR8900A mobile into a base
configuration with either radials to make it a ground plane or two (2)
of them mounted in a dipole configuration.

This would be rugged and efficient.

Regards,

Chris

2210. Re: What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 14:40:45 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <Rhl5h.718$4_.54@newsfe09.lga>
Source record: 49684

"David" <nospam@nospam> wrote in message
news:_vydnV0u-L8hIcjYRVnyhg@bt.com...
> What would you define RF ground as? There seem to be a lot of different
> ideas.
>

1. One needs to define properties or "regular" ground.

2. Illuminate it with RF of particular frequency and particular antenna.

3. Study the effect of 1 on 2 and you will get some idea. Amount of
reflection or absorption would be the indicator of how good "RF ground" it
is.

As far as suitability of "ground" to "work" with antennas it is somewhere
from horrible (rocky ground) to "perfect" (sea water, copper mine, etc.)

Other than that, if you can walk or swim on/in it and you expose it to RF,
then I suppose you could call it RF ground.
If there is no RF, the RF ground disappears :-)

Somethinglikethat?!?

73 Yuri, K3BU
da salt water muddy RF ground lover
join the Tesla Sparks at N2EE www.TeslaRadio.org

2211. Re: Never under estimate the power of stupid people in large groups.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 14:49:27 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <Xpl5h.9698$rG.4420@tornado.texas.rr.com>
Source record: 49685
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

"Republican" <Rep@rnc.org> wrote in message
news:12l9pmrf9jt7sc8@corp.supernews.com...
>
> "Slow Code" <my.mail@no.spam> wrote > >
>> > They can start by implimenting a voucher system for students of parents
>> > who can not afford private schools.
>> > The bulk of their ever increasing property taxes goes to fund the
>> > Socialist public school system. You know, the system that wants to do
>> > away with The Pledge and instead have our children site quotes from the
>> > koran.
>>
>>
>> We need to keep pointing out their evil. Democrats throw BS out and
>> ignorant people believe it.
>>
>> There's a radio show, the host has a person ask simple political
>> questions
>> to voters on the street. Most of the people are democrats, it's a Blue
>> state.
>>
>> It's sad the number of voters that can't tell you the name of the
>> vice-president, or other simple questions. Informed voters votes are
>> getting cancel out by retard votes.
>>
>> SC
>
> You can thank the Neo-Kommies.
> Our founding fathers had it right the first time.

The founding fathers also penned the Constitution, which BTW, has been
attacked by your beloved George Dubya Bush more than any other president in
history. The moron is from my state, and he is an embarrasment to the entire
U.S.

Never should have allowed
> Commons to vote.
> They knew what would happen and so it has...
>
>

2212. Re: Never under estimate the power of stupid people in large groups.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 14:52:07 UTC
From: dxAce <dxAce@milestones.com>
Message-ID: <4555E396.9F16F872@milestones.com>
Source record: 49686
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

U-Know-Who wrote:

> "Republican" <Rep@rnc.org> wrote in message
> news:12l9pmrf9jt7sc8@corp.supernews.com...
> >
> > "Slow Code" <my.mail@no.spam> wrote > >
> >> > They can start by implimenting a voucher system for students of parents
> >> > who can not afford private schools.
> >> > The bulk of their ever increasing property taxes goes to fund the
> >> > Socialist public school system. You know, the system that wants to do
> >> > away with The Pledge and instead have our children site quotes from the
> >> > koran.
> >>
> >>
> >> We need to keep pointing out their evil. Democrats throw BS out and
> >> ignorant people believe it.
> >>
> >> There's a radio show, the host has a person ask simple political
> >> questions
> >> to voters on the street. Most of the people are democrats, it's a Blue
> >> state.
> >>
> >> It's sad the number of voters that can't tell you the name of the
> >> vice-president, or other simple questions. Informed voters votes are
> >> getting cancel out by retard votes.
> >>
> >> SC
> >
> > You can thank the Neo-Kommies.
> > Our founding fathers had it right the first time.
>
> The founding fathers also penned the Constitution, which BTW, has been
> attacked by your beloved George Dubya Bush more than any other president in
> history. The moron is from my state, and he is an embarrasment to the entire
> U.S.

Meanwhile, you're an embarrassment to the world..

Run along, 'tard boy.

2213. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 14:58:23 UTC
From: MLD <MLD@verizon.net>
Message-ID: <jyl5h.1582$fk2.365@trndny02>
Source record: 49687
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

"John Smith" <assemblywizard@gmail.com> wrote in message
news:ej3bn5$9u3$1@news.ndhu.edu.tw...
> Mark wrote:
> > Dave wrote:
> >> Mark wrote:
> >>> modelman wrote:
> >>>
> >> /s/ DD, W1MCE
> >
> > Mark
> >
>
> Mark:
>
> A quick check of the web turned up a site with posts dealing with the
> same problem you are experiencing, it seems someone was able to make
> some noticeable improvements in the rf interference generated--but not
> totally eliminate... Just might be worth you time time to look, the
> link I will paste is a long one, if it wraps you may have to copy and
> paste both lines into the address bar of your browser and make sure
> there have been no breaks, spaces, caused the whole link. Hope this
> helps...
>
>
http://groups.google.com/group/alt.home.repair/browse_thread/thread/c562c69341788370/cceb8
ab594ac0781%23cceb8ab594ac0781
>
> Regards,
> JS
>

--Followed your link and was surprised to see that my comments, posted over
a year ago, are still floating around cyber space. Obviously apparent, that
the Trane RF noise problem hasn't been addressed by them. What is
disconcerting is that they have done nothing to minimize or alleviate the
problem and after more than a year are still producing furnaces with a known
RF noise generating inducer motor. Clearly a case of COST vs Customer
satisfaction---Charge more for the furnace, if that what it takes, and go
back to the motor that didn't have this problem. In my case, I had a
perfect back-to-back comparison--in the morning the first furnace worked
without incident--by noon, the new furnace was screwing up my (rabbit ears)
kitchen TV. I took a look at the new furnace and immediately saw that the
inducer motor was different--size and configuration. With a little bit of

experimentation, I finally narrowed the cause down to the inducer motor. The installer had no clue, was very helpful and cooperative in interfacing with Trane. Since I must have been early in the "new motor" time frame, Trane shot-gunned the problem trying to eliminate it, ----new control board, verifying electrical grounds, replacing the shielded motor harness (the only thing that showed some signs of improvement). I guess at that point they must have figured out that it was a bigger problem then they expected and that's when the Trane Rep stopped returning my calls. It was easier to run a cable line to the TV then to continue dealing with the installer, who was shrugging his shoulders by this time, and the vanishing Trane Rep
MLD

2214. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 14:59:13 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <5zl5h.9702$rG.6554@tornado.texas.rr.com>
Source record: 49688
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

"Noon-Air" <Noon-Air@comcast.net> wrote in message
news:_uGdncbT8IukQ8jYnZ2dnUVZ_rWdnZ2d@comcast.com...
>
> "Dave" <W1MCE@comcast.net> wrote in message
> news:3pKdnWyeNpLsSMjYnZ2dnUVZ_umdnZ2d@comcast.com...
>> Noon-Air wrote:
>>
>> SNIPPED
>>>
>>> As Jake said.... with the addition of....
>>> Make sure that you have proper earth grounds for your power, and the HAM
>>> rigs/shack. That will go a long way towards eliminating RFI. Make sure
>>> that all the bonding screws in the furnace are clean and tight, make
>>> sure that the furnace has a proper ground also.
>>> When I put the shack together, I drove a seperate 8ft copper ground rod,
>>> and silver brazed #6 solid copper to it, then silver brazed the wire to
>>> the copper ground buss on the back of the bench. All equipment
>>> grounded.....no problem.
>>>
>>> de n6ojn
>>>
>>>
>>
>> As you describe your setup it does meet USA National Electrical Code.
>> Your home should have ONLY one earth connection, not two!
>
> Actually as I live in a lightening prone area, my home has several earth
> grounds as do most of the other buildings in the area.
>
>> As you describe it, your house presumably has the electrical service
>> panel grounded to an 8 feet long ground rod where the service enters the
>> house.
>
> The main service panel has 2 ground rods tied to the same buss, The TV
> cable entrance has a seperate earth ground, as does the telephone
> entrance, and the sub panel in the garage.
>
>>You seem to have added a second 8 feet ground rod to your home
>>specifically for the Ham station.
>
> Yes and that one too.
>
>> Check with a local electrician for specific compliance issues.

>
> done did... the sparky is the one that put the extra rods in for the
> service entrance and the garage sub panel, and the city inspector signed
> off on it.

Good. Enjoy your ground loops, and have fun replacing appliances the next
time lightning hits close. Don't even think of surviving a direct strike.

2215. 2 theories on groundplane vertical antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 15:06:46 UTC
From: David <nospam@nospam>
Message-ID: <toGdnfiA8JWbesjYRVnyvA@bt.com>
Source record: 49689

Adding elements of the same length to a dipole does not produce much benefit, while in contrast adding more elements as radials to a quarterwave vertical antenna produces a lot of benefit. Many books claim that the radials of a quarterwave vertical antenna form an image. It is said that the greater the number of radials, the more 'perfect' this image is and the greater the efficiency. In contrast, adding elements of same length to dipole increases bandwidth and creates an unusual radiation pattern e.g. fan dipole.

2 theories on vertical groundplane antenna are:

1) Radials reflect radio wave emitted by vertical radiating element. Radials form a ground plane to reflect radio wave. Image theory applies where radials form a 'mirror' image.

2) Radials are simply conductors carrying current, and radiate accordingly. But they are placed and fed so this radiated wave nearly cancels. Radials do not form a flat metal conductor many wavelengths in diameter. Radials do not reflect the wave emitted by vertical. The radials are too short to reflect the wave radiated by vertical.

With elevated radials, the radials are normally a quarter wavelength long. If the radials are proper current carrying conductors instead of a metal reflector, the radials will transform the high impedance at open circuit end to a low impedance at base of antenna. Low impedance means antenna is current fed. If the radials are made a half-wavelength long or longer, does the impedance and SWR of the antenna stay the same?

Are there any tests to prove which of the above 2 theories is right?

2216. Re: 2 theories on groundplane vertical antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 15:26:19 UTC
From: Richard Fry <rfry@adams.net>
Message-ID: <ej4q33$eg0$1@news.ndhu.edu.tw>
Source record: 49690

"David" wrote
> 2 theories on vertical groundplane antenna are: <clip>
> Are there any tests to prove which of the above 2 theories is right?

See paper 4 at http://rfry.org/Software%20&%20Misc%20Papers.htm .

2217. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 16:25:42 UTC
From: -zero <notreal_zero_@notreal_zero_.com>
Message-ID: <aQm5h.13394$BI1.2189@tornado.tampabay.rr.com>
Source record: 49691
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

"Mark" <makolber@yahoo.com> wrote in message
news:1163250906.666146.115320@h48g2000cwc.googlegroups.com...
>
>
> Well that's my concern.
> There are more and more of these kinds of units being installed
> everyday.
> We can't "home brew" a fix for all of them.
> Someone needs to get to the FCC or to the manufacterer to fix this at
> the source before it gets worse.

Maybe "turn them in" to the FCC for a _finders fee_? :O)

-zero

2218. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 16:28:08 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <uvOdnXvoUOaFZ8jYnZ2dnUVZ_rydnZ2d@comcast.com>
Source record: 49692
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

AKS wrote:

SNIPPED
>>
>
> Gentlemen Hi
> and there is nothing that could be done to force OEMs
> for clean up this interference (RFI?) That is nice but
> you and I if interfere with some one TV in Neighborhood
> FCC would be all over our ass thanks for equal justice
> KA2AYS
>
>

Not quite true!

I run 1KW on low bands [75 and 20 meters]. I have a tuner and low pass filters in line. My station is properly grounded to the service panel ground/earth rod. This connection is also the equipotential surface for the operating position.

My station meets ALL FCC requirements.

If a neighbor's tv, phone, stereo, or whatever, picks up my transmissions the problem is with their equipment and I am NOT responsible for correcting the situation. I will advise them regarding what needs to be done at their end and at their expense. The best demonstration is to invite them into my station and have them witness my tv, phone, stereo etc., being interference free.

The best demonstration is an RFI free home station.

We, hams, are not responsible for deficiencies in consumer electronics. That rests with the manufacturer. The next time you buy a stereo read the Part 15 compliance statement!

Most likely it states, I paraphrase, this equipment MAY receive interfering signals from near by transmitters. Buyer Beware!

/s/ DD

2219. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 16:32:32 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12lbup2dr0uesa9@corp.supernews.com>
Source record: 49693
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

Dave wrote:

> AKS wrote:
>
> SNIPPED
>
>>>
>>
>> Gentlemen Hi
>> and there is nothing that could be done to force OEMs
>> for clean up this interference (RFI?) That is nice but
>> you and I if interfere with some one TV in Neighborhood
>> FCC would be all over our ass thanks for equal justice
>> KA2AYS
>>
>
> Not quite true!
>
> I run 1KW on low bands [75 and 20 meters]. I have a tuner and low pass
> filters in line. My station is properly grounded to the service panel
> ground/earth rod. This connection is also the equipotential surface for
> the operating position.
>
> My station meets ALL FCC requirements.
>
> If a neighbor's tv, phone, stereo, or whatever, picks up my
> transmissions the problem is with their equipment and I am NOT
> responsible for correcting the situation. I will advise them regarding
> what needs to be done at their end and at their expense. The best
> demonstration is to invite them into my station and have them witness my
> tv, phone, stereo etc., being interference free.
>
> The best demonstration is an RFI free home station.
>
> We, hams, are not responsible for deficiencies in consumer electronics.
> That rests with the manufacturer. The next time you buy a stereo read
> the Part 15 compliance statement!
>
> Most likely it states, I paraphrase, this equipment MAY receive
> interfering signals from near by transmitters. Buyer Beware!
>
> /s/ DD
>

It should also state that the device may not emit any interfering signals.

Dave WD9BDZ

2220. Re: Never under estimate the power of stupid people in large groups.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 16:44:48 UTC
From: "del.icio.us" <snuffout@leftwingers.org>
Message-ID: <12lbvh66qr441a8@corp.supernews.com>
Source record: 49694
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

"U-Know-Who" <no-one@nowhere.com> wrote
> >
> > You can thank the Neo-Kommies.
> > Our founding fathers had it right the first time.
>
>
> The founding fathers also penned the Constitution, which BTW, has been
> attacked by your beloved George Dubya Bush more than any other president
in
> history. The moron is from my state, and he is an embarrasment to the
entire
> U.S.

Your State did not exist in 1776.

> Never should have allowed
> > Commons to vote.
> > They knew what would happen and so it has...

2221. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 17:08:02 UTC
From: "Alun L. Palmer" <elektros@yahoo.com>
Message-ID: <Xns98787B5D4CE99elektrosmdonet@217.22.228.20>
Source record: 49695
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

Slow Code <my.mail@no.spam> wrote in news:5TQ3h.3087$l25.83
@newsread4.news.pas.earthlink.net:

>
> Don't help the terrorists.
>
> Don't risk getting killed by a bomb or dying in a
> collapsing Skyscraper.
>
> Vote Republican, and live.
>
> Tnx, 73
> de Slow Code
>
>

So does that mean if we vote Democrat you'll kill us all?

2222. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 17:24:20 UTC
From: clifto <clifto@gmail.com>
Message-ID: <4jdh24-rq5.ln1@remote.clifto.com>
Source record: 49696
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

Mo Hoaner wrote:
> "clifto" <clifto@gmail.com> wrote...
>> Anything that generates RF inside the USA is regulated by the FCC. If your
>> cat's butt emits RF in the USA it's regulated by the FCC.
>
> Wrong. If the cat's butt emits RF, it's regulated by the FCC. But, digital
> equipment used only in transportation vehicles - busses, cars, aircraft -
> and equipment used in appliances - HVAC equipment mentioned specifically -
> are exempt from Radio Frequency Device regulations. The rule says "....are
> exempt from the specific technical standards and other requirements
> contained in this part. The operator of the exempted device shall be
> required to stop operating the device upon a finding by the Commission or
> its representative that the device is causing harmful interference".

Interesting. I've never heard that before. Thanks for the correction.

Not that that doesn't suck...

--
"A man's country is not a certain area of land, of mountains, rivers, and
woods, but it is a principle; and patriotism is loyalty to that principle."
-- George William Curtis

2223. Unwritten policy, or "It is a Class service.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 17:33:16 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej51is$1o6$1@news.ndhu.edu.tw>
Source record: 49697
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

If you go though old posts dating back to many moons ago, in this amateur newsgroup--and others, you can easily see there is a very defined class system to amateur radio. What may not be openly apparent is that this is a multi-class system. Now, on the surface of it all, one is lead to believe this class system relates directly to the class of license an amateur holds--his knowledge, overall abilities, personality, intelligence, etc. Yet, some within this class system have, and just below its' surface, implemented a secondary class of class system.

This secondary class system relates directly to an individuals ability to produce a system of taps on a device able to key a transmitter, it is more motor skills based than any other skill I can possibly relate it to (like how well one can skate, hula-hoop, hop-scotch, play jacks, hum a tune, etc.), perhaps better viewed, in the light, as someone capable of rubbing his head and patting his stomach with few errors in implementation of the actions and done at a good speed. This secondary system seems to make no note or make considerations of other skills or knowledge which a ham possesses into consideration. Indeed, a severely limited autistic person who had a gift for such tapings, and at least a minimal ability to communicate by verbal speech and text (brag in speech and text?), would reign as king and be supreme leader (worshiped?) In such a class a sheer idiot can brag of genius (and frequently seem to do so.)

When one reads and understands the premise, goals and purpose that amateur radio was first established on, its' charter, it can be seen this class system runs in a perpendicular direction and fashion to the original purpose(s.)

Interesting, and more a statement to human nature, in my humble viewing and assessment, than it can possibly be related to anything else, wouldn't you agree? And, when brought to this light of day and viewed in its' entirety, it stands rather small in scope, would you not agree, again?

Some see this as a rather shallow endeavor and are amused by it. Others seem to poke fun at it in satire. To others, such behavior is disgusting and revolting to their intelligence, would you deny them their opinions?

Regards,
JS

2224. Re: Unwritten policy, or "It is a Class service.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 18:20:49 UTC
From: an old freind <Mark@kb9rqz.aprs>
Message-ID: <455607a6$0$21139$88260bb3@free.teranews.com>
Source record: 49698
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

"John Smith" <assemblywizard@gmail.com> wrote in message
news:ej51is$1o6$1@news.ndhu.edu.tw...
> If you go though old posts dating back to many moons ago, in this amateur
> newsgroup--and others, you can easily see there is a very defined class
> system to amateur radio. What may not be openly apparent is that this is
> a multi-class system. Now, on the surface of it all, one is lead to
> believe this class system relates directly to the class of license an
> amateur holds--his knowledge, overall abilities, personality,
> intelligence, etc. Yet, some within this class system have, and just
> below its' surface, implemented a secondary class of class system.
>
> This secondary class system relates directly to an individuals ability to
> produce a system of taps on a device able to key a transmitter, it is more
> motor skills based than any other skill I can possibly relate it to (like
> how well one can skate, hula-hoop, hop-scotch, play jacks, hum a tune,
> etc.), perhaps better viewed, in the light, as someone capable of rubbing
> his head and patting his stomach with few errors in implementation of the
> actions and done at a good speed. This secondary system seems to make no
> note or make considerations of other skills or knowledge which a ham
> possesses into consideration. Indeed, a severely limited autistic person
> who had a gift for such tapings, and at least a minimal ability to
> communicate by verbal speech and text (brag in speech and text?), would
> reign as king and be supreme leader (worshiped?) In such a class a sheer
> idiot can brag of genius (and frequently seem to do so.)
>
> When one reads and understands the premise, goals and purpose that amateur
> radio was first established on, its' charter, it can be seen this class
> system runs in a perpendicular direction and fashion to the original
> purpose(s.)
>
> Interesting, and more a statement to human nature, in my humble viewing
> and assessment, than it can possibly be related to anything else, wouldn't
> you agree? And, when brought to this light of day and viewed in its'
> entirety, it stands rather small in scope, would you not agree, again?
>
> Some see this as a rather shallow endeavor and are amused by it. Others
> seem to poke fun at it in satire. To others, such behavior is disgusting
> and revolting to their intelligence, would you deny them their opinions?
>
> Regards,
> JS
would it be too much to ask that you not assit him by at least
changing the title of his effort to make people think I am a pedo

--
Posted via a free Usenet account from http://www.teranews.com

2225. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 18:30:15 UTC
From: Irv Finkleman <finkirv@shaw.ca>
Message-ID: <455616E0.37270B75@shaw.ca>
Source record: 49699

nm5k@wt.net wrote:

Maybe time has changed over time?

> Dunno. I still think time is a man made confarction.
> After all, who was the one that determined just how
> long a second lasted in the first place. Probably a
> hairy man. Who would be the one to decide that the
> length of a second has changed value? Again, probably
> some hairly legged dude sitting at a desk.
> Me? I don't think time exists as we know it. Time as
> we know it was conceived by men, for men.
> A second can be any length we choose.
> Of course, through time as we know it, we have developed
> tighter standards of tracking this unit of measure, which
> was conceived by man for man. Of course, I imagine the
> beginnings of keeping track of time were all solar related.
> IE: sunrise, sunset, etc..
> Time is infinite the way I see it.
> In it's true state, it has no bounderies. In a way, it doesn't
> even exist.
> My name is not Einstein, but I approved this message anyway.
> MK

--

Visit my HomePage at http://members.shaw.ca/finkirv/index.html
Visit my Baby Sofia website at http://members.shaw.ca/finkirv4/index.htm
Visit my OLDTIMERS website at http://members.shaw.ca/finkirv5/index.htm
---
Irv Finkleman,
Grampa/Ex-Navy/Old Fart/Ham Radio VE6BP
Calgary, Alberta, Canada

2226. Re: What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 18:30:45 UTC
From: Dave <noone@nowhere.com>
Message-ID: <K5idnawJEoNIi8vYnZ2dnUVZ_h2dnZ2d@crocker.com>
Source record: 49700

rf ground is where ever you connect your meter/scope/analyzer ground lead.

"David" <nospam@nospam> wrote in message
news:_vydnV0u-L8hIcjYRVnyhg@bt.com...
> What would you define RF ground as? There seem to be a lot of different
> ideas.
>

2227. Re: What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 18:53:26 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej569k$na9$1@news.ndhu.edu.tw>
Source record: 49702

David wrote:
> What would you define RF ground as? There seem to be a lot of different
> ideas.
>
>

David:

Ground can be a relative thing. What I have always found to be good advice is that EVERY ground, at some point, be allowed to reach a low ohmic earth ground (best possible if it all occurs at the exact same earth ground point--or no current flows and there is no voltage potential between such grounds.) For example, although a dipole needs no rf ground directly at the point it connects to the feed-line, the rig hooked to such an antenna and feed-line should be given a good earth ground.

If the above is coupled with a good understanding, awareness, and practice of avoiding "ground loops", I think one can claim to have a good and adequate grounding system. Ground loops are well discussed in books, mags, and internet pages, etc.

In planes and outer space the earth ground can be ignored, your crafts metallic shell will serve.

Regards,
JS

2228. Re: 2 theories on groundplane vertical antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 18:58:05 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <mu4cl2pqkmf4qld5ci0s2rqmbrh6ft3r49@4ax.com>
Source record: 49701

On Sat, 11 Nov 2006 15:06:46 -0000, "David" <nospam@nospam> wrote:

>Adding elements of the same length to a dipole does not produce much
>benefit,

Hi David,

Benefit is in the eye of the beholder. Additional elements (I presume
you mean length) bring gain in some directions and nulls in others. If
by adding elements you mean in parallel (AKA fan dipole), then you
stand to benefit in bandwidth coverage. If by adding elements you
mean stacking them |||| then you are describing a primitive beam array
which has classic benefits (once you attend other details of length
and separation).

>while in contrast adding more elements as radials to a quarterwave
>vertical antenna produces a lot of benefit.

This is something of the double-shuffle. What you stand to benefit
from is you are reducing loss, and arguably loss that the dipole does
not suffer from (although there is a lot of room in that statement for
equivocation).

>Many books claim that the
>radials of a quarterwave vertical antenna form an image.

Many books are useful for leveling tables too.

>It is said that the
>greater the number of radials, the more 'perfect' this image is and the
>greater the efficiency.

This "image" and efficiency are two wholly different considerations.
True, these considerations flow from the same design, but one is an
electrical issue of matching and load, whereas the second is what in
the science of Optics is called ray-tracing.

>In contrast, adding elements of same length to
>dipole increases bandwidth and creates an unusual radiation pattern e.g. fan
>dipole.
>
>2 theories on vertical groundplane antenna are:
>
>1) Radials reflect radio wave emitted by vertical radiating element. Radials
>form a ground plane to reflect radio wave. Image theory applies where
>radials form a 'mirror' image.

That is a fairly jejune theory as applied to antennas. You need only consider yourself as being that vertical radiator standing on a literal mirror that is no wider than you are tall.

Look down into that mirror and what do you see? The sky above. Not a very compelling benefit when you are trying to see the horizon, is it? How big a mirror would you have to stand on to see, say, 10 degrees above the horizon in it? That mirror would be quite large, probably 20 times your height.

>2) Radials are simply conductors carrying current, and radiate accordingly.

This is quite true.

>But they are placed and fed so this radiated wave nearly cancels.

Again, quite true.

>Radials do
>not form a flat metal conductor many wavelengths in diameter. Radials do not
>reflect the wave emitted by vertical. The radials are too short to reflect
>the wave radiated by vertical.

As I've responded to point 1 above.

>With elevated radials, the radials are normally a quarter wavelength long.

As a specific statement, yes, but not generally so. Drooping radials are more useful (benefit) but are not the same length as orthogonal radials.

>If the radials are proper current carrying conductors instead of a metal
>reflector, the radials will transform the high impedance at open circuit end
>to a low impedance at base of antenna.

Wire or metal reflector is the same. Wire radials are simply a poor approximation (or better by degrees as the count of radials increases).

>Low impedance means antenna is
>current fed. If the radials are made a half-wavelength long or longer, does
>the impedance and SWR of the antenna stay the same?

No.

>Are there any tests to prove which of the above 2 theories is right?

Common sense comes to mind; however, it is the common sense that is found with experience and a solid base of physics. A quick path to that experience comes with modeling [sic, quick is quite variable].

The confusion of radials as being abstractions of Earth is found in the blur between matching and propagation. Earth and radials are principal actors in those activities, but unless you stand to plant an extremely huge radial field, there are different mechanisms at work.

Clearly, the association of Earth with matching portends loss. In this sense more radials shields the fields from that loss and this can be achieved in the near distance of the antenna. However, you can achieve the same benefit with fewer radials by simply increasing the distance between the antenna and lossy earth: lift the antenna up.

When we speak of Earth as a reflector of waves (the propagation side of the coin of antenna transmission), it is the degree of mismatch between the wave in space and the wave in Earth at a distance that bounces the wave at a shallow angle toward the horizon. This point will be 10s of wavelengths away from the antenna. The wave in a medium of 377 Ohms (free space) meets the ground medium of several hundred Ohms to as low as 10s of Ohms (sandy conditions to swampy conditions).

Here, it is a simple matter of the mechanics of SWR. 377:25 (or 15:1) has a huge reflection component. That is why you want to live next to water (but not in it, which is another misconception that is born of the confusion between matching and propagation). If you live next to a desert, you might experience a condition of 377:250 (or 1.5:1) and your signal is plunging right into the dunes, never to be reflected with any great benefit. The paradox of this is that planting your vertical into the sand is the best of all worlds (when you consider the proximal loss of earth).

Moral of this tale:
Erect the vertical (with a few radials) on a tall sand dune near the sea.

73's
Richard Clark, KB7QHC

2229. Re: What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 19:14:27 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <nb7cl2d6s3bpvt3fkutgod2o6mat14ci1v@4ax.com>
Source record: 49703

On Sat, 11 Nov 2006 12:06:16 -0000, "David" <nospam@nospam> wrote:

>What would you define RF ground as? There seem to be a lot of different
>ideas.

Hi David,

This is another instance of scale matters. Ground is meant to imply
an infinite resource of charge with no impedance to its flow.

Of course, "infinite" and "no impedance" are factors that are the
first casualties when RF is added as a requirment. This is from the
simple consequence of scale, because distance causes phase shifts and
brings impedance. A long wire that is perfectly capable as a ground
lead for 60 Hz can become a liability to short wavelength RF. That
wire (that we call ground) may connect to an infinite resource of
charge (the proper ground), but that charge can't get to the other end
because of possibly infinite impedances [again, infinite is in the eye
of the creator].

If you can contrive to make that lead to ground half a wavelength long
to the RF of your interest, that wire ceases to offer impedance and
acts much as you would demand of a ground wire. Curiosly enough, it
will never be zero impedance because it qualifies as a radiator (the
paradox of ground) which adds the loss of radiation. For most
purposes, however, it may be your only choice and you live with it.

Now, when we get to the actual mud of ground, and how well it performs
as an infinite resource of charge, RF still brings problems of scale
because that mud will also exhibit impedances correlated to wavelength
(corrected for velocity factors) that disconnect it from the total
earth's resource for infinite charge. This is why you lay down
radials (which simply increases coverage, but never completely escapes
the scale of wavelenght problem).

Moral to this tale:
Put your source (transmitter) as close to the mud as possible;
lay out as much copper as you can from that point to suit
a broader range of frequencies.

Alternative moral:
Put your source (transmitter) as far from the mud as possible;
Use a dipole and insure there are no connections to ground
whatever. Any violation of this last rule brings grief.
Such violations are legion and few escape.

73's
Richard Clark, KB7QHC

2230. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 19:16:03 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej57jk$1gnp$1@news.ndhu.edu.tw>
Source record: 49704

Irv Finkleman wrote:
>
> nm5k@wt.net wrote:
>
> Maybe time has changed over time?
>
>> Dunno. I still think time is a man made confarction.
>> After all, who was the one that determined just how
>> long a second lasted in the first place. Probably a
>> hairy man. Who would be the one to decide that the
>> length of a second has changed value? Again, probably
>> some hairly legged dude sitting at a desk.
>> Me? I don't think time exists as we know it. Time as
>> we know it was conceived by men, for men.
>> A second can be any length we choose.
>> Of course, through time as we know it, we have developed
>> tighter standards of tracking this unit of measure, which
>> was conceived by man for man. Of course, I imagine the
>> beginnings of keeping track of time were all solar related.
>> IE: sunrise, sunset, etc..
>> Time is infinite the way I see it.
>> In it's true state, it has no bounderies. In a way, it doesn't
>> even exist.
>> My name is not Einstein, but I approved this message anyway.
>> MK
>

Although the "Universal Time Frame", if it is more than a dream and
exists, would NOT change (taken that it is a law and the ether obeys
such a law.) The speed the earth rotates at, has changed. So, without
doubt, our time reference point has changed; however, we keep
compensating for it.

Stupid thing to base time upon really, the rotation of any specific
sphere... Indeed, from such a reference point even the existence of
time, itself, is impossible to prove. Although time IS an effect of
motion, a second is NOT "time." A second only records the speed and
distance an object moves, in a rather round-about-measure.

Regards,
JS

2231. Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 19:24:04 UTC
From: "C. J. Clegg" <reply.in.group@nospam.no>
Message-ID: <pan.2006.11.11.19.24.02.145933@nospam.no>
Source record: 49705

Good afternoon...

Anybody know where I can find some formulas or design information for designing coax traps for a dipole?

I've seen some articles on coax-trap antennas but the traps they use are too big. I need to make some traps for 40 meters that are narrower (but, longer is OK) than the ones I've seen in the articles.

(A thought I had was perhaps using RG-174 instead of RG-58 ... these will be used at low power only, 10 watts max)

High Q and narrow bandwidth is OK. These traps only have to resonate at one specific frequency.

Any thoughts or advice?

Thanks...

2232. Re: Never under estimate the power of stupid people in large groups.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 19:27:56 UTC
From: olekinghole9007 <revfoxweek9@yahoo.com>
Message-ID: <1163273276.007447.70480@k70g2000cwa.googlegroups.com>
Source record: 49706
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

Slow Code wrote:
> I hope one day the republicans figure that out.
>
> SC

In the meantime........check this out!

Here: http://www.youtube.com/watch?v=2eHdMGrQdBI

Is it a HE, or is it a SHE, or is it a HE-SHE ??

(I was told that some of the RRAP boys from W.Va and AL like
this kind of thingie so there you go...... ENJOY!)

One More: http://www.youtube.com/watch?v=8qrsNP5Gx9c

---

ps: all I can say is I wish that I had access to this kind of stuff
10 Years ago when the 14.313/3.894.5 Net Wars were going on!
This kinda stuff would have drove Mikie, Herbie, Polly, Big Al
and Porkbutt outta their minds with live entertainment! Wheee!!

2233. Re: Never under estimate the power of stupid people in large groups.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 19:39:04 UTC
From: olekinghole9007 <revfoxweek9@yahoo.com>
Message-ID: <1163273944.326710.116020@b28g2000cwb.googlegroups.com>
Source record: 49707
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

Whoopsies !! The 2nd link was incorrect!

The CORRECT one is below this line.

here: http://www.youtube.com/watch?v=0kCqBIgktCM

....and just because you looked, here is a BONUS video!

here: http://www.youtube.com/watch?v=U9Wb1oVS3s4

(you have to see the one above to believe it! no word yet if he's a
no-code tech
or if he went the 'bashbook' route years ago, which was (bash-bookers)
the
first wave of retards we let into the hobby......)

2234. Re: Rumsfeld Resigns!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 20:17:57 UTC
From: jawod <jawod@fuse.net>
Message-ID: <45562FF5.2020005@fuse.net>
Source record: 49709
Cross-posted to: rec.radio.amateur.antenna,rec.radio.shortwave,rec.radio.amateur.misc

Cecil Moore wrote:
> Brian Denley wrote:
>
>> I work with the military. Every US Army officer I have met despises
>> Rumsfeld. He has refused to listen to them from the very begining and
>> fired any general who tried to tell him he was wrong.
>
>
> Too bad General George S. Patton Jr. is not available.
Bushie could use a slap right about now. (and from now on)

2235. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 20:31:21 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <8KidnTyvU8iErsvYnZ2dnUVZ_hmdnZ2d@comcast.com>
Source record: 49710

Send me a valid email address and I'll send you a coax trap program written by
Reg Edwards [SK]

C. J. Clegg wrote:
> Good afternoon...
>
> Anybody know where I can find some formulas or design information for
> designing coax traps for a dipole?
>
> I've seen some articles on coax-trap antennas but the traps they use are
> too big. I need to make some traps for 40 meters that are narrower (but,
> longer is OK) than the ones I've seen in the articles.
>
> (A thought I had was perhaps using RG-174 instead of RG-58 ... these will
> be used at low power only, 10 watts max)
>
> High Q and narrow bandwidth is OK. These traps only have to resonate at
> one specific frequency.
>
> Any thoughts or advice?
>
> Thanks...
>

2236. Re: clean up ham radio SC start by truning in your license

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 20:40:44 UTC
From: Mark@kb9rqz.aprs
Message-ID: <u8dcl2921sv691petdb7opu0ec4m4hme8d@4ax.com>
Source record: 49711
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Fri, 10 Nov 2006 14:30:10 GMT, "The Duce"
<DoubleDuce4u@hotmail.com> wrote:

>The test will continue to dumb down because ham radio is dying. There's a
>new radio game in town, its called cell phone. Like it or not anyone can get
>a license to use them.
>
funny how nobody is proposing to "dumb" anything donw

or remove anything that skill of which demostrates inteligence ata ll
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2237. Re: Never under estimate the power of stupid people in large groups.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 20:43:13 UTC
From: an old freind <Mark@kb9rqz.aprs>
Message-ID: <45562906$0$21086$88260bb3@free.teranews.com>
Source record: 49712
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

"olekinghole9007" <revfoxweek9@yahoo.com> wrote in message
news:1163273276.007447.70480@k70g2000cwa.googlegroups.com...
>
> Slow Code wrote:
>> I hope one day the republicans figure that out.
>>
>> SC
>
> In the meantime.....check this out!
>
> Here: http://www.youtube.com/watch?v=2eHdMGrQdBI
>
> Is it a HE, or is it a SHE, or is it a HE-SHE ??
>
my shemale wife is a lot prettyer

--
Posted via a free Usenet account from http://www.teranews.com

2238. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 20:44:22 UTC
From: ken scharf <wa2mzeNOSPAMBOTS@bellsouth.net>
Message-ID: <BCq5h.18297$GE1.1902@bignews7.bellsouth.net>
Source record: 49713
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

Joel Kolstad wrote:
> "larya" <larya@rogers.com> wrote in message
> news:1163017911.266486.104440@m7g2000cwm.googlegroups.com...
>> Second... I also think you will find that the fcc, and in my country
>> the IC, are deeply regretting the conversion of 11 meters to 'cb'.
>
> I hope not. The FCC providing unlicensed spectrum for the masses was one of
> the smartest thing they ever did! Yes, it leads to all sorts of horrible
> operating practices, but CB and -- more contemporarily -- FRS/GMRS and WiFi
> had provided *huge* benefits for people (and many millions of dollars in
> equipment sales) nationwide. I'd hate to live in a country where there's no
> such thing as a license-free $20 pair of FRS-type walkie talkies or $20 WiFi
> cards for high-speed Internet access.
>
>> Virtually all of our bad radio operating procedures, of all radio
>> services, can all be traced back to the bad operating technique found
>> in the 11 meter cb band....
>
> I'd say they can be traced back to human nature. People were rowdy and
> "uncouth" in, say, taverns for thousands of years before CB came along.
>
> ---Joel
>
>
At the time "CB" in the 27mhz region made sense because UHF equipment
was too expensive to build for the masses. That's no longer true. The
FCC should eliminate the 27 mhz CB service before the start of the next
sunspot cycle and force everyone there to move to UHF. One of CB's
biggest problems was interference from 'skip' (DX), and it is illegal to
work DX stations anyway.

2239. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 20:53:53 UTC
From: Willie <anon@anon>
Message-ID: <f1utg.g1h.19.1@news.alt.net>
Source record: 49708
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

"Alun L. Palmer" <elektros@yahoo.com> wrote in message
news:Xns98787B5D4CE99elektrosmdonet@217.22.228.20...
Slow Code <my.mail@no.spam> wrote in news:5TQ3h.3087$l25.83
@newsread4.news.pas.earthlink.net:

>
> Don't help the terrorists.
>
> Don't risk getting killed by a bomb or dying in a
> collapsing Skyscraper.
>
> Vote Republican, and live.
>
> Tnx, 73
> de Slow Code
>
>

So does that mean if we vote Democrat you'll kill us all?

.....
I know that I can easily recognize bullshit when I see it.
Hi, Alun.

2240. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 21:03:20 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <o9dcl210aib45f54acga8taggb1ug9pkp1@4ax.com>
Source record: 49714

On Sat, 11 Nov 2006 14:24:04 -0500, "C. J. Clegg"
<reply.in.group@nospam.no> wrote:

>
>Good afternoon...
>
>Anybody know where I can find some formulas or design information for
>designing coax traps for a dipole?

I assume that to mean a parallel LC circuit where the L is mainly formed by the inductance of the outer of a coax cable, and the capacitance is mostly formed by the inner to outer of the coax cable.

The programs that I have seen assume that the impedance of a short o/c transmission line stub is purely capacitive and has a constant capacitance per unit length.

Both assumptions are wrong, which is why these traps have higher loss and are wider band (both inextricably linked) than predicted by those programs.

>
>I've seen some articles on coax-trap antennas but the traps they use are
>too big. I need to make some traps for 40 meters that are narrower (but,
>longer is OK) than the ones I've seen in the articles.
>
>(A thought I had was perhaps using RG-174 instead of RG-58 ... these will
>be used at low power only, 10 watts max)

At the further expense of efficiency, if that matters.

>
>High Q and narrow bandwidth is OK. These traps only have to resonate at
>one specific frequency.
>

You could wind a traditional solenoid with thick copper, and use a quality fixed capacitor. Short o/c stubs of lossy coax make for lossy reactors.

Try the calculator at http://www.vk1od.net/tl/tllc.php to find the input impedance of 3m of RG174 with a 100MOhm load at 7MHz... I get 1-j64, so it is a 64 ohm capacitive reactance with a D factor of 0.016 (or Q of 64). You should expect an order of magnitude or more better performance from a quality fixed capacitor.

But they "work". The benefit of wider trap bandwidth and less critical
tuning are at the expense of radiated power.

>Any thoughts or advice?
>
>Thanks...

Owen
--

2241. Re: Unwritten policy, or "It is a Class service.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 21:05:31 UTC
From: Mark@kb9rqz.aprs
Message-ID: <0necl2t8vkdbkan0opuuj2rmni3rmdol6a@4ax.com>
Source record: 49715
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

On Sat, 11 Nov 2006 09:33:16 -0800, John Smith
<assemblywizard@gmail.com> wrote:

>If you go though old posts dating back to many moons ago, in this
>amateur newsgroup--and others, you can easily see there is a very
>defined class system to amateur radio. What may not be openly apparent
>is that this is a multi-class system. Now, on the surface of it all,
>one is lead to believe this class system relates directly to the class
>of license an amateur holds--his knowledge, overall abilities,
>personality, intelligence, etc. Yet, some within this class system
>have, and just below its' surface, implemented a secondary class of
>class system.
>
>This secondary class system relates directly to an individuals ability
>to produce a system of taps on a device able to key a transmitter, it is
>more motor skills based than any other skill I can possibly relate it to
>(like how well one can skate, hula-hoop, hop-scotch, play jacks, hum a
>tune, etc.), perhaps better viewed, in the light, as someone capable of
>rubbing his head and patting his stomach with few errors in
>implementation of the actions and done at a good speed. This secondary
>system seems to make no note or make considerations of other skills or
>knowledge which a ham possesses into consideration. Indeed, a severely
>limited autistic person who had a gift for such tapings, and at least a
>minimal ability to communicate by verbal speech and text (brag in speech
>and text?), would reign as king and be supreme leader (worshiped?) In
>such a class a sheer idiot can brag of genius (and frequently seem to do
>so.)
>
>When one reads and understands the premise, goals and purpose that
>amateur radio was first established on, its' charter, it can be seen
>this class system runs in a perpendicular direction and fashion to the
>original purpose(s.)
>
>Interesting, and more a statement to human nature, in my humble viewing
>and assessment, than it can possibly be related to anything else,
>wouldn't you agree? And, when brought to this light of day and viewed
>in its' entirety, it stands rather small in scope, would you not agree,
>again?
>
>Some see this as a rather shallow endeavor and are amused by it. Others
>seem to poke fun at it in satire. To others, such behavior is
>disgusting and revolting to their intelligence, would you deny them
>their opinions?

>
>Regards,
>JS
well written and treibly true and look at the alrm when people begin
to move to dismantle that system trying to stop the hazing rituals of
Morse Code is the end of the world for these folks
and let it end
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2242. id theft remains a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 21:11:46 UTC
From: Mark@kb9rqz.aprs
Message-ID: <94fcl2pbq0c2hb77mbvkkn9uduja76m76s@4ax.com>
Source record: 49716
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Sat, 11 Nov 2006 15:43:13 -0500, "an old freind" <Mark@kb9rqz.aprs>
wrote:

>
>
id theft remains a crime
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2243. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 22:07:14 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <2ehcl2d7i2l0485sfqk3j5fr202relv0en@4ax.com>
Source record: 49717

On Sat, 11 Nov 2006 21:03:20 GMT, Owen Duffy <owen@no.where> wrote:

>Try the calculator at http://www.vk1od.net/tl/tllc.php to find the
>input impedance of 3m of RG174 with a 100MOhm load at 7MHz... I get
>1-j64, so it is a 64 ohm capacitive reactance with a D factor of 0.016
>(or Q of 64). You should expect an order of magnitude or more better
>performance from a quality fixed capacitor.
>

The selection of 7MHz for the above example should not be taken as a
recommendation that traps be resonant at one of the frequencies of
"operation"... in fact it is usually better that they are not operated
at resonance.

I also had a quick look at Reg's COAXTRAP prog. On an trial for a trap
at 6MHz using 5.2mm dia line, it came up with a resonant impedance of
187kOhms which seems very high. I make the 1.8m of coax o/c stub
bringing around 34kOhms of shunt resistance alone, so resonance
impedance should be less than that, and more likely less than 20kOhm.

Programs tend to underestimate the losses of these traps.

Owen
--

2244. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 22:18:22 UTC
From: Mo Hoaner <spam@uce.gov>
Message-ID: <LYr5h.16221$GU5.7633@bignews8.bellsouth.net>
Source record: 49718
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

"David G. Nagel" <nagel@core.com> wrote in message
news:12lbup2dr0uesa9@corp.supernews.com...
> Dave wrote:
>> Snipped...

> It should also state that the device may not emit any interfering signals.

Actually, most of the stuff being talked about here is exempted by the FCC
from testing. Basically, any digital stuff in appliances, and vehicles is
exempt from showing compliance. That doesn't mean it's allowed to cause
harmful interference, but the exact definition of "harmful" is a grey area.

>
> Dave WD9BDZ

2245. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 23:11:14 UTC
From: sailtamarack@yahoo.ca
Message-ID: <1163286674.573427.134880@f16g2000cwb.googlegroups.com>
Source record: 49719

C.J.

You can design the antenna and the coils using Hamcalc. Hamcalc is a collection of GWBASIC programs that run in a DOS box in Windows. It includes over a hundred programs that do a variety of ham calculations. The collection is free and is updated regularly. No changes to your registry, source included and no spyware!!

Available from http://www.cq-amateur-radio.com/HamCalcem.html

Roger

2246. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-11 23:13:28 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12lcm8q3gmodl89@corp.supernews.com>
Source record: 49720
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

Mo Hoaner wrote:
> "David G. Nagel" <nagel@core.com> wrote in message
> news:12lbup2dr0uesa9@corp.supernews.com...
>
>>Dave wrote:
>>
>>>Snipped...
>
>
>>It should also state that the device may not emit any interfering signals.
>
>
> Actually, most of the stuff being talked about here is exempted by the FCC
> from testing. Basically, any digital stuff in appliances, and vehicles is
> exempt from showing compliance. That doesn't mean it's allowed to cause
> harmful interference, but the exact definition of "harmful" is a grey area.
>
>
>
>
>>Dave WD9BDZ
>
>
>
Exempt from FCC compliance testing but not from Part 15 compliance.
Intentional and Unintentional radiators must comply with Part 15. There
is still a permissible level of signal emitted under this Part i.e.
Unlicensed two way radios.

Dave WD9BDZ

2247. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 00:19:48 UTC
From: Danny Richardson <n_group@k6mhe.com>
Message-ID: <t2qcl21k4f586i4ssvbt478e8n2mgdna0i@4ax.com>
Source record: 49721

On Sat, 11 Nov 2006 22:07:14 GMT, Owen Duffy <owen@no.where> wrote:

>Programs tend to underestimate the losses of these traps.

Owen,

What is your estimation of the loses? Will it be more than a dB?

Danny, K6MHE

2248. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 00:28:30 UTC
From: Mike Coslo <mremovethiscoslo@adelphia.net>
Message-ID: <AsKdndGpN4Ux98vYnZ2dnUVZ_hmdnZ2d@comcast.com>
Source record: 49722

kd5sak wrote:
> "John Smith" <assemblywizard@gmail.com> wrote in message
> news:ej3n43hej1@news.ndhu.edu.tw...
>
>>>Could be that light ages over eons of travel time and the red shift is
>>>actually a form
>>>of fatigue. Or not. (G)
>>>
>>>Harold
>>>KD5SAK
>>
>>Interesting enough, I found just such a theory being advanced awhile back
>>by a "real" university, it sounds preposterous, don't you think?
>>However, if you happen to have that page, please post it--I should have at
>>least given it a full read before dismissal...
>>
>>Regards,
>>JS
>
>
> I have'nt seen anything on that. It's just something that pops up out of the
> back
> of my mind on the rare occasions that I see a discussion on "Red Shift". Now
> that you've mentioned it I'll do a web search and see if I can find anything
> on the web. Be interesting to see what aspect of physics "they" think might
> allow for that "light aging" to occur.

The aging of light is one of those strange concepts often brought out
by creationists as an attempt to make the universe "younger" in order to
fit in with their worldview.

One contradiction to that theory is the fact that while most distant
stellar objects are red shifting, there are also objects that are blue
shifting on us. Galaxy Andromeda comes to mind. So if redshift is to be
refuted, blueshift must also be explained.

Another issue is that Doppler effect, the basis of redshift, is so
easily demonstrated on so many scales - sonically, and
electromagnetically, that one would have to have a really strong
argument to refute it. I'd be interested in hearing the arguments though.

- 73 de Mike KB3EIA -

2249. Re: (OT) Veteran's Day.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 01:18:27 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <DDu5h.5278$0r.2788@newsread1.news.pas.earthlink.net>
Source record: 49723
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.antenna,rec.radio.amateur.policy

cuhulin@webtv.net wrote in
news:20275-4555320A-17@storefull-3257.bay.webtv.net:

> It has been a boring day for me,just the way I like them.Patton movie is
> on Radio tv now.
> cuhulin,at the Radio tv movies

Thank you cuhulin for your service to our country.

It's sad how the Democrats detest the service of our men
and women in uniform protecting our freedoms so we can
enjoy radio.

SC

2250. Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 01:18:38 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <ODu5h.5284$0r.5279@newsread1.news.pas.earthlink.net>
Source record: 49724
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Do you think no-codes give the impression that ham radio is just a bunch
of appliance operators?

SC

2251. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 01:18:49 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <ZDu5h.5290$0r.1590@newsread1.news.pas.earthlink.net>
Source record: 49725
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

"Alun L. Palmer" <elektros@yahoo.com> wrote in
news:Xns98787B5D4CE99elektrosmdonet@217.22.228.20:

> Slow Code <my.mail@no.spam> wrote in news:5TQ3h.3087$l25.83
> @newsread4.news.pas.earthlink.net:
>
>>
>> Don't help the terrorists.
>>
>> Don't risk getting killed by a bomb or dying in a
>> collapsing Skyscraper.
>>
>> Vote Republican, and live.
>>
>> Tnx, 73
>> de Slow Code
>>
>>
>
> So does that mean if we vote Democrat you'll kill us all?

No, it means you're trying to kill us. You liberals are more
concerned about terrorist rights than terrorist deaths.

SC

2252. Re: Unwritten policy, or "It is a Class service.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 01:19:04 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <cEu5h.5298$0r.2625@newsread1.news.pas.earthlink.net>
Source record: 49626
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

John Smith <assemblywizard@gmail.com> wrote in
news:ej51is$1o6$1@news.ndhu.edu.tw:

> If you go though old posts dating back to many moons ago, in this
> amateur newsgroup--and others, you can easily see there is a very
> defined class system to amateur radio. What may not be openly apparent
> is that this is a multi-class system. Now, on the surface of it all,
> one is lead to believe this class system relates directly to the class
> of license an amateur holds--his knowledge, overall abilities,
> personality, intelligence, etc. Yet, some within this class system
> have, and just below its' surface, implemented a secondary class of
> class system.
>
> This secondary class system relates directly to an individuals ability
> to produce a system of taps on a device able to key a transmitter, it is
> more motor skills based than any other skill I can possibly relate it to
> (like how well one can skate, hula-hoop, hop-scotch, play jacks, hum a
> tune, etc.), perhaps better viewed, in the light, as someone capable of
> rubbing his head and patting his stomach with few errors in
> implementation of the actions and done at a good speed. This secondary
> system seems to make no note or make considerations of other skills or
> knowledge which a ham possesses into consideration. Indeed, a severely
> limited autistic person who had a gift for such tapings, and at least a
> minimal ability to communicate by verbal speech and text (brag in speech
> and text?), would reign as king and be supreme leader (worshiped?) In
> such a class a sheer idiot can brag of genius (and frequently seem to do
> so.)
>
> When one reads and understands the premise, goals and purpose that
> amateur radio was first established on, its' charter, it can be seen
> this class system runs in a perpendicular direction and fashion to the
> original purpose(s.)
>
> Interesting, and more a statement to human nature, in my humble viewing
> and assessment, than it can possibly be related to anything else,
> wouldn't you agree? And, when brought to this light of day and viewed
> in its' entirety, it stands rather small in scope, would you not agree,
> again?
>
> Some see this as a rather shallow endeavor and are amused by it. Others
> seem to poke fun at it in satire. To others, such behavior is
> disgusting and revolting to their intelligence, would you deny them
> their opinions?

>
> Regards,
> JS

It's not unwritten policy, it's life. Those that work hardest get most.
Unfortunately, a lot of people want only one class. A CB'er like class.

You shouldn't have to work for anything, Just like liberalism and the
democrats. Those that work hardest get the fruits of their labor punished,
those that don't get welfare and handouts.

SC

2253. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 01:29:20 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <65tcl2po8hqjmli0qq3risaechp8cj9hcq@4ax.com>
Source record: 49627

On Sat, 11 Nov 2006 16:19:48 -0800, Danny Richardson
<n_group@k6mhe.com> wrote:

>On Sat, 11 Nov 2006 22:07:14 GMT, Owen Duffy <owen@no.where> wrote:
>
>>Programs tend to underestimate the losses of these traps.
>
>Owen,
>
>What is your estimation of the loses? Will it be more than a dB?

Danny,

I recall modelling dipoles incorporating such traps with NEC some time ago. My recollection is that the loss is of the order you suggest, which might seem insignificant in the context of a path budget, if it wasn't for the fact that it might about to a significant amount of power to be dissipated in the trap, depending on the power level / mode.

Operation at resonance exacerbates the situation.

My sentiment is not so much that the traps are a bad idea, but the design tools that are around seem to take shortcuts and are inconsistent. The design tools would make one think that the trap designs are better than they really are.

I tried Reggie's COAXTRAP and compared the predicted inductance with his SOLNOID3, and they differ by a factor of 4, and SOLNOID3 produces the more believable result. I don't know why that would be so.

Owen
--

2254. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 01:38:46 UTC
From: X-rated Vermonter <k1xvnospam@arrl.net>
Message-ID: <2jucl2ph03e2elmaag3huj4t2nlusl7t5p@4ax.com>
Source record: 49628
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Wed, 08 Nov 2006 00:34:05 GMT, Slow Code <my.mail@no.spam> wrote:

>
>Code is just one part of it. Here's my four step plan that will keep
>ham radio from becoming like CB:
>
>
>Step 1: No more automatic renewals. Individuals must retest and
> pass all elements required for their license class.
>
>Step 2: The passing score for written exams needs to be raised to 85%.
>
>Step 3: Code elements should be 13 wpm for General, and 20 wpm for Extra.
>
>Step 4: Make the no-code license one year non-renewable.
+++++++++
Your plan will eliminate QRM. There will be nobody left with a
license.

Are you an undercover agent for some commercial group that is looking
to take over ham band spectrum for commercial uses?

You are a caricature of a crusty old fool.

2255. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 01:42:18 UTC
From: X-rated Vermonter <k1xvnospam@arrl.net>
Message-ID: <3uucl2t9o653q45tlhssk5goil7kc8fa20@4ax.com>
Source record: 49629
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Sun, 12 Nov 2006 01:18:49 GMT, Slow Code <my.mail@no.spam> wrote:

Why don't you go learn Morse in Arabic so you can spend your spare
time looking to intercept terrorist messages?

2256. Re: Looking for a base antenna for a Yeasu 8900R

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 01:45:55 UTC
From: Bob Bob <bob3bob3@cox.net>
Message-ID: <nvai24-arp.ln1@p400bob.personal.cox.net>
Source record: 49632

You might also consider putting the multiband FM beam antenna on a bell crank arrangement to give it changeable polarization. Depending on the antenna the performance at the SSB end of the band may not be superb, but the polarization change will get you in the ball park.

I had a 5 element yagi on 2M that normally mounted in front of a mast. I loosened its pipe clamp and pushed the boom back, then attached a diagonal brace to where it protruded behind the mast. Two pieces of rope then solved the polarization change!

Cheers Bob VK2YQA

nobody@nowhere.com wrote:

>
> I'm really not too intrested in building. Hands are too shakky.
> However I did find a nice Cushcraft tri band FM beam. It'll do 6M,
> 2M, and 70cm. This is what I want. One antenna. I've only got one
> pole. The pole is already there. Its a 55 ft pushup pole. Its not a
> tower but then my funds are limited. I get maybe $1K per year for
> equipment and sometimes not that much.
>
> Now I'm thinking of an antenna for the same freqs but for SSB.
>
>

2257. Re: What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 01:49:38 UTC
From: Wayne <mygarbagecan@verizon.net>
Message-ID: <S4v5h.1925$T_.750@trndny06>
Source record: 49630

"John Smith" <assemblywizard@gmail.com> wrote in message
news:ej569k$na9$1@news.ndhu.edu.tw...
> David wrote:
>> What would you define RF ground as? There seem to be a lot of different
>> ideas.
>
> David:
>
> Ground can be a relative thing. What I have always found to be good
> advice is that EVERY ground, at some point, be allowed to reach a low
> ohmic earth ground (best possible if it all occurs at the exact same earth
> ground point--or no current flows and there is no voltage potential
> between such grounds.) For example, although a dipole needs no rf ground
> directly at the point it connects to the feed-line, the rig hooked to such
> an antenna and feed-line should be given a good earth ground.
> <snip>

>
> Regards,
> JS

When you refer to hooking the rig/dipole to a good earth ground, are you
still talking about an rf ground, or a safety ground?
I see no requirement to connect a nicely matched dipole to an earth ground
for rf purposes. For example, a battery operated transmitter feeding a
dummy load wouldn't need one either.

2258. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 02:04:47 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12ld0ae6dsba5e3@corp.supernews.com>
Source record: 49631

For another data point, I made a number of coax traps using RG-58, and measured the L, C, and Q. I don't have the numbers handy right now, but using the measured values I looked at overall loss when used in antennas for various combinations of bands. In most 3-band configurations, there was one band where the loss was a couple of dB, and not necessarily the band where the trap was resonant. Some 2-band configurations were ok, some not.

On Field Day, I sometimes use a supplementary 3-band dipole arrangement pointed N-S for California -- my main antennas point to the east. It consists of a 40-15 trap dipole, with a 20 meter dipole drooping under it as a separate inverted vee but connected to the same feedline. With RG-174 traps, the loss is tolerable with the 40-15 combination, but not with 40-20-15.

Trap loss when used in an antenna is a function of many factors, and there's really no practical way to determine what it'll be except for modeling. Of course you have to know the equivalent L, C, and R or Q. You have to check it on all bands, since it might easily be ok on the band where it's resonant but lossy on others. Way back in 1998 I did a brief study of the effect of L/C ratio on trap loss, assuming a constant trap Q. The results, along with the EZNEC models I used, are at http://eznec.com/misc/ as traps.zip. I haven't looked at them for years, and see that I used Laplace type loads, since this was done before EZNEC had RLC type loads available. Modern EZNEC has a special "trap" type RLC load with the R in series with L, and C in parallel with the combination, and with the ability to make R vary realistically with frequency. Nonetheless, EZNEC users might find the models useful, and others might be interested in the results given in the accompanying text file. Note that the Q I assumed for the study, 400, is probably better than you'll see with a coax trap.

No matter what kind of trap you make, it's essential to keep water from getting between the turns of the inductor or coax. Letting that happen is guaranteed to trash the Q.

Roy Lewallen, W7EL

Owen Duffy wrote:
> On Sat, 11 Nov 2006 16:19:48 -0800, Danny Richardson
> <n_group@k6mhe.com> wrote:
>
>> On Sat, 11 Nov 2006 22:07:14 GMT, Owen Duffy <owen@no.where> wrote:
>>
>>> Programs tend to underestimate the losses of these traps.
>> Owen,

>>
>> What is your estimation of the loses? Will it be more than a dB?
>
> Danny,
>
> I recall modelling dipoles incorporating such traps with NEC some time
> ago. My recollection is that the loss is of the order you suggest,
> which might seem insignificant in the context of a path budget, if it
> wasn't for the fact that it might about to a significant amount of
> power to be dissipated in the trap, depending on the power level /
> mode.
>
> Operation at resonance exacerbates the situation.
>
> My sentiment is not so much that the traps are a bad idea, but the
> design tools that are around seem to take shortcuts and are
> inconsistent. The design tools would make one think that the trap
> designs are better than they really are.
>
> I tried Reggie's COAXTRAP and compared the predicted inductance with
> his SOLNOID3, and they differ by a factor of 4, and SOLNOID3 produces
> the more believable result. I don't know why that would be so.
>
> Owen
> --

2259. Re: What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 02:32:21 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej615k$1feo$1@news.ndhu.edu.tw>
Source record: 49633

Wayne wrote:
> "John Smith" <assemblywizard@gmail.com> wrote in message
> news:ej569k$na9$1@news.ndhu.edu.tw...
>> David wrote:
>>> What would you define RF ground as? There seem to be a lot of different
>>> ideas.
>> David:
>>
>> Ground can be a relative thing. What I have always found to be good
>> advice is that EVERY ground, at some point, be allowed to reach a low
>> ohmic earth ground (best possible if it all occurs at the exact same earth
>> ground point--or no current flows and there is no voltage potential
>> between such grounds.) For example, although a dipole needs no rf ground
>> directly at the point it connects to the feed-line, the rig hooked to such
>> an antenna and feed-line should be given a good earth ground.
>> <snip>
>
>> Regards,
>> JS
>
> When you refer to hooking the rig/dipole to a good earth ground, are you
> still talking about an rf ground, or a safety ground?
> I see no requirement to connect a nicely matched dipole to an earth ground
> for rf purposes. For example, a battery operated transmitter feeding a
> dummy load wouldn't need one either.
>
>

Wayne:

Both. Only a dummy would think he needed an rf ground for a watt burner
of proper impedance.

However, there always is that "special case;" if the nitwit was running
a kw off a forklift battery, he just might want that rf ground.

JS

2260. Re: What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 03:32:49 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <ma5dl21hpa6f0grbvmrn8plhsne5lpbjg3@4ax.com>
Source record: 49634

An RF ground is where RF energy flows into the earth. A lot of folks misuse the word "ground" when they really mean a common connection point, which may or may not have anything to do with earth. Be careful to define just what you mean.

Bill, W6WRT

------------ ORIGINAL MESSAGE ------------

On Sat, 11 Nov 2006 12:06:16 -0000, "David" <nospam@nospam> wrote:

>What would you define RF ground as? There seem to be a lot of different
>ideas.
>

2261. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 03:49:54 UTC
From: jawod <jawod@fuse.net>
Message-ID: <455699E2.7030401@fuse.net>
Source record: 49637
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

it means you're trying to kill us. You liberals are more
> concerned about terrorist rights than terrorist deaths.
>
> SC

You neocons spill American blood to fill your pockets with petro
dollars. Neocons CREATED the terrorists.

2262. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 03:52:06 UTC
From: nm5k@wt.net
Message-ID: <1163303526.217667.184450@i42g2000cwa.googlegroups.com>
Source record: 49635

Irv Finkleman wrote:
> nm5k@wt.net wrote:
>
> Maybe time has changed over time?

I think that would only be from a humans point of
view, if that were the case.
MK

2263. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 03:52:48 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <266dl2l6is57h1v3p42ik4plbpf7he592t@4ax.com>
Source record: 49636

If your mind is set on coax traps, ok, but you might consider something different. W9INN uses what he calls a "resonactor" in his trap dipoles and I think they are far better. Basically, they are just a single layer coil which is carefully trimmed to resonate at the desired frequency with its own self-capacitance. There is no other capacitance needed. The advantages are two: Very low loss and very high power handling capability. I have run 1500 watts of RTTY under contest conditions for years into mine with no problems at all. Conventional traps, whether L/C or coax would probably have given problems my now with that power level and type of operation.

You do need a grid dip meter to tweak them, but that is true of other traps too.

W9INN is now an SK, but his ideas live on.

Bill, W6WRT

------------ ORIGINAL MESSAGE ------------

On Sat, 11 Nov 2006 14:24:04 -0500, "C. J. Clegg"
<reply.in.group@nospam.no> wrote:

>Anybody know where I can find some formulas or design information for
>designing coax traps for a dipole?

2264. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 04:07:23 UTC
From: nm5k@wt.net
Message-ID: <1163304443.777870.216990@i42g2000cwa.googlegroups.com>
Source record: 49638

John Smith wrote:

>
> Stupid thing to base time upon really, the rotation of any specific
> sphere... Indeed, from such a reference point even the existence of
> time, itself, is impossible to prove. Although time IS an effect of
> motion, a second is NOT "time." A second only records the speed and
> distance an object moves, in a rather round-about-measure.

There doesn't have to be any motion. A second is just an arbitrary
measurement given to a certain amount of elapsed "living time", by
some hairy legged man. An object could move zip in that second, or
it could move up to 186,000 miles if light. Of course, some will argue
light is not an object per say. Time is probably one of the most brain
warping things to think about. Time doesn't know it's time. Time
is never late. Tiiiiiiiiiiimmmmmee is on my side, yes it is...
Of course, man may well have needed to measure the speed or distance
of something to have a decent reference point when measuring time,
but thats their problem, not time. Time could care less cuz it's
infinite.
MK

2265. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 04:10:47 UTC
From: fcathell@msn.com
Message-ID: <1163304647.362322.44940@m73g2000cwd.googlegroups.com>
Source record: 49639
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Code or no-code it's largely been a bunch appliance operators having
their "slam bam thank you mam" QRM contests for the last 15 years. The
no-code situation is just going to exacerbate this. Just refer to it as
"CB extra class!"

F. Cathell
K3YAZ

Slow Code wrote:
> Do you think no-codes give the impression that ham radio is just a bunch
> of appliance operators?
>
> SC

2266. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 04:16:52 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej679hfqr1@news.ndhu.edu.tw>
Source record: 49640

nm5k@wt.net wrote:
> John Smith wrote:
>
>> Stupid thing to base time upon really, the rotation of any specific
>> sphere... Indeed, from such a reference point even the existence of
>> time, itself, is impossible to prove. Although time IS an effect of
>> motion, a second is NOT "time." A second only records the speed and
>> distance an object moves, in a rather round-about-measure.
>
> There doesn't have to be any motion. A second is just an arbitrary
> measurement given to a certain amount of elapsed "living time", by
> some hairy legged man. An object could move zip in that second, or
> it could move up to 186,000 miles if light. Of course, some will argue
> light is not an object per say. Time is probably one of the most brain
> warping things to think about. Time doesn't know it's time. Time
> is never late. Tiiiiiiiiiiimmmmmee is on my side, yes it is...
> Of course, man may well have needed to measure the speed or distance
> of something to have a decent reference point when measuring time,
> but thats their problem, not time. Time could care less cuz it's
> infinite.
> MK
>

Ahhh. You make me remember my younger years. The world was a much
simpler place and I knew it all... I really hated to grow up...

JS

2267. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 05:28:53 UTC
From: Tony Hwang <dragon40@shaw.ca>
Message-ID: <piy5h.291944$1T2.124349@pd7urf2no>
Source record: 49643
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

Mark wrote:
>
>>Hi,
>>Then, shielding, choking, bypassing with caps come to mind. It's all by
>>trial and error. O'scope may come in handy.
>
>
> Well that's my concern.
> There are more and more of these kinds of units being installed
> everyday.
> We can't "home brew" a fix for all of them.
> Someone needs to get to the FCC or to the manufacterer to fix this at
> the source before it gets worse.
>
> Mark
>
Yup,
EMI pollution!

2268. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 05:37:41 UTC
From: kd5sak <kd5sak@sbcglobal.net>
Message-ID: <Fqy5h.12656$B31.6843@newssvr27.news.prodigy.net>
Source record: 49644

<nm5k@wt.net> wrote in message
news:1163304443.777870.216990@i42g2000cwa.googlegroups.com...
>
> John Smith wrote:
>
>>
>> Stupid thing to base time upon really, the rotation of any specific
>> sphere... Indeed, from such a reference point even the existence of
>> time, itself, is impossible to prove. Although time IS an effect of
>> motion, a second is NOT "time." A second only records the speed and
>> distance an object moves, in a rather round-about-measure.
>
> There doesn't have to be any motion. A second is just an arbitrary
> measurement given to a certain amount of elapsed "living time", by
> some hairy legged man. An object could move zip in that second, or
> it could move up to 186,000 miles if light. Of course, some will argue
> light is not an object per say. Time is probably one of the most brain
> warping things to think about. Time doesn't know it's time. Time
> is never late. Tiiiiiiiiiiimmmmmee is on my side, yes it is...
> Of course, man may well have needed to measure the speed or distance
> of something to have a decent reference point when measuring time,
> but thats their problem, not time. Time could care less cuz it's
> infinite.
> MK

I have a favorite quote re time, don't even know who said it, it's ---"Time
is natures way of keeping everything from happening at the same time".

Harold
KD5SAK

2269. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 05:40:43 UTC
From: Mark@kb9rqz.aprs
Message-ID: <aucdl2le4b039njftg3i2q1ut9oqjenrg7@4ax.com>
Source record: 49645
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Sun, 12 Nov 2006 01:18:49 GMT, Slow Code <my.mail@no.spam> wrote:

>"Alun L. Palmer" <elektros@yahoo.com> wrote in
>news:Xns98787B5D4CE99elektrosmdonet@217.22.228.20:
>
>> Slow Code <my.mail@no.spam> wrote in news:5TQ3h.3087$l25.83
>> @newsread4.news.pas.earthlink.net:
>>
>>>
>>> Don't help the terrorists.
>>>
>>> Don't risk getting killed by a bomb or dying in a
>>> collapsing Skyscraper.
>>>
>>> Vote Republican, and live.
>>>
>>> Tnx, 73
>>> de Slow Code
>>>
>>>
>>
>> So does that mean if we vote Democrat you'll kill us all?
>
>
>No, it means you're trying to kill us. You liberals are more
>concerned about terrorist rights than terrorist deaths.
>

get a grip SC Congress has never cntroled forgien policy
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2270. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 05:45:00 UTC
From: Not Lloyd <anon@anon>
Message-ID: <f2u1b.221.19.1@news.alt.net>
Source record: 49641
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

"X-rated Vermonter" <k1xvnospam@arrl.net> wrote in message
news:3uucl2t9o653q45tlhssk5goil7kc8fa20@4ax.com...
On Sun, 12 Nov 2006 01:18:49 GMT, Slow Code <my.mail@no.spam> wrote:

Why don't you go learn Morse in Arabic so you can spend your spare
time looking to intercept terrorist messages?
***
Rag Heads don't bother with CW, opting instead for throw-away cell phones
purchased at Wal-Mart and other big box stores. See? Terrorists are
no-coders, too.

2271. Re: Unwritten policy, or "It is a Class service.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 05:45:54 UTC
From: Mark@kb9rqz.aprs
Message-ID: <j7ddl217a95nb1vd1t14bdf9p4o2rro9mu@4ax.com>
Source record: 49646
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Sun, 12 Nov 2006 01:19:04 GMT, Slow Code <my.mail@no.spam> wrote:

>John Smith <assemblywizard@gmail.com> wrote in
>news:ej51is$1o6$1@news.ndhu.edu.tw:
>
>> If you go though old posts dating back to many moons ago, in this
>> amateur newsgroup--and others, you can easily see there is a very
>> defined class system to amateur radio. What may not be openly apparent
>> is that this is a multi-class system. Now, on the surface of it all,
>> one is lead to believe this class system relates directly to the class
>> of license an amateur holds--his knowledge, overall abilities,
>> personality, intelligence, etc. Yet, some within this class system
>> have, and just below its' surface, implemented a secondary class of
>> class system.
>>
>> This secondary class system relates directly to an individuals ability
>> to produce a system of taps on a device able to key a transmitter, it is
>> more motor skills based than any other skill I can possibly relate it to
>> (like how well one can skate, hula-hoop, hop-scotch, play jacks, hum a
>> tune, etc.), perhaps better viewed, in the light, as someone capable of
>> rubbing his head and patting his stomach with few errors in
>> implementation of the actions and done at a good speed. This secondary
>> system seems to make no note or make considerations of other skills or
>> knowledge which a ham possesses into consideration. Indeed, a severely
>> limited autistic person who had a gift for such tapings, and at least a
>> minimal ability to communicate by verbal speech and text (brag in speech
>> and text?), would reign as king and be supreme leader (worshiped?) In
>> such a class a sheer idiot can brag of genius (and frequently seem to do
>> so.)
>>
>> When one reads and understands the premise, goals and purpose that
>> amateur radio was first established on, its' charter, it can be seen
>> this class system runs in a perpendicular direction and fashion to the
>> original purpose(s.)
>>
>> Interesting, and more a statement to human nature, in my humble viewing
>> and assessment, than it can possibly be related to anything else,
>> wouldn't you agree? And, when brought to this light of day and viewed
>> in its' entirety, it stands rather small in scope, would you not agree,
>> again?
>>
>> Some see this as a rather shallow endeavor and are amused by it. Others
>> seem to poke fun at it in satire. To others, such behavior is

>> disgusting and revolting to their intelligence, would you deny them
>> their opinions?
>>
>> Regards,
>> JS
>
>
>It's not unwritten policy, it's life. Those that work hardest get most.
>Unfortunately, a lot of people want only one class. A CB'er like class.
>
>You shouldn't have to work for anything, Just like liberalism and the
>democrats.

> Those that work hardest get the fruits of their labor punished,

Bullshit you loafed on a mindless physical skill and no brains
>those that don't get welfare and handouts.
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2272. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 05:46:45 UTC
From: Not Lloyd <anon@anon>
Message-ID: <f2u4k.2b5.19.1@news.alt.net>
Source record: 49642
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

"jawod" <jawod@fuse.net> wrote in message news:455699E2.7030401@fuse.net...
it means you're trying to kill us. You liberals are more
> concerned about terrorist rights than terrorist deaths.
>
> SC

You neocons spill American blood to fill your pockets with petro
dollars. Neocons CREATED the terrorists.
**

Bill Clinton commuted the sentences of numerous terrorists and gave them
their walking papers.

Is Clinton a neocon?

2273. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 05:48:28 UTC
From: Mark@kb9rqz.aprs
Message-ID: <pcddl21nld75ipf2vc2nntlvkmmltrq3vd@4ax.com>
Source record: 49647
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Sun, 12 Nov 2006 01:18:38 GMT, Slow Code <my.mail@no.spam> wrote:

>
>Do you think no-codes give the impression that ham radio is just a bunch
>of appliance operators?

sure and you one of the worst "offenders" most likely
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2274. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 05:53:17 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej6cua$2naq$1@news.ndhu.edu.tw>
Source record: 49649
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Slow Code wrote:
> Do you think no-codes give the impression that ham radio is just a bunch
> of appliance operators?
>
> SC

Idiot, check your spelling, it's "group troll."

JS

2275. Re: guy wire for the ground wire

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 05:53:59 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1163310839.775146.213160@h54g2000cwb.googlegroups.com>
Source record: 49648

> Compared to the resistance of a ground rod to Earth "connection" I
> think that a few feet of steel wire resistance is in the noise.

But the power-handling capability of that wire is much less than that of the earth below the tower ;-) It would be a tad better at not exploding than a 20AWG wire would, because it's more massive, mostly, but I don't know that I'd want to use it as a primary grounding conductor anyway.

Dan

2276. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 05:58:38 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <jKy5h.162982$or7.103605@newsfe08.phx>
Source record: 49650
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy

"Dave" <W1MCE@comcast.net> wrote in message
news:3pKdnWyeNpLsSMjYnZ2dnUVZ_umdnZ2d@comcast.com...
>

< snip >

> As you describe your setup it does meet USA National Electrical Code. Your
home
> should have ONLY one earth connection, not two!>
> /s/ DD
>

I don't know about that! I had some work done which involved an upgraded service entrance and new breaker panel. The electrician added a second ground via a ground stake beneath the panel, despite the original (1967) ground via the cold water inlet pipe being intact and sound.

(I will concede that he didn't quote chapter and verse in the NEC; he may have been following a local code requirement. I know he wasn't padding the bill, as he was doing the job at the behest of my son, from whose business he was buying his supplies. (Still does.)

"Sal"

2277. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 06:37:07 UTC
From: Radiosrfun <Radiosrfun@radiosrfun.com>
Message-ID: <4556c05c$0$5785$ecde5a14@news.coretel.net>
Source record: 49651
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

"John Smith" <assemblywizard@gmail.com> wrote in message
news:ej6cua$2naq$1@news.ndhu.edu.tw...
> Slow Code wrote:
>> Do you think no-codes give the impression that ham radio is just a bunch
>> of appliance operators? SC
>
> Idiot, check your spelling, it's "group troll."
>
> JS

JS, why are ya putting up with the "BS"? Let's forget him and start using this group for what it was meant for. His comments are null and void. The argument is a horse killed many times over. This has been going on for "months". Time to move on. Nothing is going to change from this "crap" and besides, he has yet to prove to anyone - he even had/has a license.

2278. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 06:54:27 UTC
From: X-rated Vermonter <k1xvnospam@arrl.net>
Message-ID: <u7hdl2l3jc7p2eu3oqkk2gd1jfckl2qs8i@4ax.com>
Source record: 49652
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Sun, 12 Nov 2006 00:45:00 -0500, "Not Lloyd" <anon@anon> wrote:

>
>"X-rated Vermonter" <k1xvnospam@arrl.net> wrote in message
>news:3uucl2t9o653q45tlhssk5goil7kc8fa20@4ax.com...
>On Sun, 12 Nov 2006 01:18:49 GMT, Slow Code <my.mail@no.spam> wrote:
>
>Why don't you go learn Morse in Arabic so you can spend your spare
>time looking to intercept terrorist messages?
>***
>Rag Heads don't bother with CW, opting instead for throw-away cell phones
>purchased at Wal-Mart and other big box stores. See? Terrorists are
>no-coders, too.

+++++++
Yet more evidence that CW is a nostalgia mode, not used in current
state of the art communications.
>

2279. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 07:26:49 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <eqhdl29m3iqtkbnj3egt61v843g6ag601p@4ax.com>
Source record: 49653

On Sat, 11 Nov 2006 18:04:47 -0800, Roy Lewallen <w7el@eznec.com>
wrote:

>Trap loss when used in an antenna is a function of many factors, and
>there's really no practical way to determine what it'll be except for
>modeling. Of course you have to know the equivalent L, C, and R or Q.

Roy,

Sure. I should have mentioned that after trying NEC models to get a low VSWR solution for just two bands (one twice the frequency of the other) I gave up figuring that it was likely that an ATU would be needed in any case, and the traps were just an unnecessary complication.

As you know, trapped antennas are sometimes explained by considering the traps to be equivalent to frequency selective switches that are o/c or s/c at certain frequencies of operation, and conveniently disregarding the conductors on the outboard side of the o/c switches. It is a simplistic view, it does not lead to a design that works, nor does it explain designs that do work, but it remains the most popular explanation to be heard on air in my experience.

Owen
--

2280. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 08:18:06 UTC
From: "Joe Bloe"
Message-ID: <agidl2p0mj73qfg6ofob2e34gerrn2glnf@4ax.com>
Source record: 49654

On Sun, 12 Nov 2006 01:18:38 GMT, Slow Code <my.mail@no.spam> wrote:

>
>Do you think no-codes give the impression that ham radio is just a bunch
>of appliance operators?
>
>SC

SC,
`Sounds to me that someone likes to stir the pot. . . Are you one
of them "Sensationalist" who like to do that? To see how much hate
and discontent one can whup up in the shortest amount of time?

This is a topic, much like abortions nowadays. . . There is no one
real answer and at any level, it's not that easy to answer. However,
I have a different approach to things:

Make the CB band licensable by a competency test and money for the
license, just like everything else on the radio level of things. That
way, the HAM's of who have heartburn of anybody NOT paying their dues
will have instant relief from their most personal, but most publicly
proclaimed issues.

I'm a technician class operator. Nothing special what so ever. In
fact, some even claim that to be nothing more than a Posh CB'er. . .
So what? I took the test and paid my bill. . . Whoopie-ding! I can
operate 2 meter and up. This is where it starts to get crappy:
I can howl and carry on, on the 11 meter band, (CB), or I can talk
to real "Jabber-Jaws" and "Drool Monsters" all day long on 2 meter,
(Just as bad or equal to CB'ers.) I can talk on higher frequencies
all day long with no issues, but to go UNDER 11 meters for Any reason,
I have to have a license that sayz that I can pound on a key in the
manor of reason to convey conscious thought to another. . .

Hey, check this out:

I don't want to `Key.
I don't have Any intent ever to `Key.
I am interested in phone FM and Sideband
Did I say that I'm not interested in the Key? And that I prefer
Phone?

So, what this amounts to is some old farts with a feather to wave in
the wind and listen to it whistle insists that I HAVE to learn the
"Key" before I can do what I want to do. And because they are LOOSING
PEOPLE AT SUCH A PROFOUND RATE, they had to drop the "Code
Requirement" to a REDICLOUSLY LOW SPEED of only 5 Words Per Minute!

FIVE WORDS PER MINUITE! Just to force me to do something I have absolutely NO interest in what so ever, Just so they can hear the wind whistle through their stupid feather! . . . Five words per minute is just about worthless and truly amounts to nothing more than some one forcing another person to do their bidding for no other reason that to make it so.

It sounds like the "WeSaySo" corporation is in control of the FCC. If this continues, just to keep people interested in radio, enough to be able to FUND the governmental HOBBY, I can actually foresee the requirement to be dropped to the level of:

1. Learning to key in "SOS" and "Pon Pon"
and
2. Showing a basic understanding of the "Q" codes
and maybe
3. A Two Dollar Bill bribe simply to accept the damn license to justify the departments HAM branch very existence.

The big issue is something I can put into two simple words, "Cell Phone". As a governmental person calmly explained to me, "Who the hell cares about HAM radio anymore when EVERYBODY has ether a satellite or cell phone?"

The only argument I could place against this as a retort is: "But it's a state regulated hobby." . . Boy! Now THAT was an argument, wasn't it?! That stopped the official with a silly smile on his face. . . Just before he broke into a laugh.

SO, I challenge YOU, Mr. SC, to do any better in trying to uphold the unique and special place that the HAM radio operators Use To Hold, nowadays against the onslaught of the cell phone landslide. . . (No license, no test, just push a button and talk around the world. . . Smile, its simple! Just PAY THE BILL.), against the hassles of fees, testing, and pointless bullshit of just trying to be a HAM and trying to set up an antenna. . . NOT to mention Having to learn a completely obscure and arcane language of pulses, NEVER TO USE IT, but just so one can simply to "TALK" like on a Cell Phone for the pure sake of enjoying the arcane hobby of HAM radio?

Who needs the stinking headache from all the old feather-waving-bozos when the HAM aspect of the FCC is dying for lack of interest due to cell phones and the internet? Bottom line is that the human race doesn't care about old shit nowadays, and HAM in that light, is WAY ancient!

Forcing one to learn how to use Morris Code simply to use the Phone bands of the frequencies is honestly some real petty bullshit put in place by seriously demented, egotistical, fascist type of people. The only purpose of this exercise is to allow these bullies, these Committee members, to achieve an ill gotten and poorly timed erection by saying "NO" to the rest of us, and making it stick. Nothing more

purposeful than simply preventing people, stopping people from doing what they care to do, simply by exerting their poorly derived authority.

As far as I am concerned, KEY is just as much a hobby as anything else is. Open the bandwidth to all, but reserve some bandwidth strictly to KEY and no body else. Stop forcing people to learn what they do Not want to know or have the time to learn, especially when they have absolutely NO interest in it, and it has absolutely NO bearing on the their ability to function with their equipment.

Leave some bandwidth for KEY only, but don't shut off entire bands from me just because I have no interest in Keying anything to anybody.

73's
KD7YMR

2281. New Poll: 69% of Americans fear Dems will impede war on terror

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 12:34:01 UTC
From: Lloyd <lloyd@no.spammmmm>
Message-ID: <20765108.58768812@tarrnews.net>
Source record: 49655
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

In addition, a whopping 78% of Americans are afraid that the Dems will cut and run. It seems that the vote was a protest vote and that the Dems are still on the wrong side of public opinion. Source: Reuters (Look the rest up yourself.)

2282. Re: New Poll: 69% of Americans fear Dems will impede war on terror

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 13:19:56 UTC
From: smacktalk@netscape.net
Message-ID: <8q7el21hlp0ur09jke4rp83mnfggg4f08v@4ax.com>
Source record: 49656
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Sun, 12 Nov 2006 12:34:01 +0000 (UTC), Lloyd <lloyd@no.spammmmm>
wrote:

>In addition, a whopping 78% of Americans are afraid that the Dems will
>cut and run. It seems that the vote was a protest vote and that the
>Dems are still on the wrong side of public opinion. Source: Reuters
>(Look the rest up yourself.)

Who gives a fuck dipshit? So why don't you cut and run to the
refrigerator and make yourself a crow sandwich?

2283. Re: (OT) Veteran's Day.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 14:15:50 UTC
From: David <rickets@knac.com>
Message-ID: <o2bel2lqlb77ppv12bb9v6ebnjhschfkh3@4ax.com>
Source record: 49657
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.antenna,rec.radio.amateur.policy

On Sun, 12 Nov 2006 01:18:27 GMT, Slow Code <my.mail@no.spam> wrote:

>cuhulin@webtv.net wrote in
>news:20275-4555320A-17@storefull-3257.bay.webtv.net:
>
>> It has been a boring day for me,just the way I like them.Patton movie is
>> on Radio tv now.
>> cuhulin,at the Radio tv movies
>
>
>Thank you cuhulin for your service to our country.
>
>
>It's sad how the Democrats detest the service of our men
>and women in uniform protecting our freedoms so we can
>enjoy radio.
>
How is Iraq ''protecting our freedoms''?

Freedom to profiteer, perhaps...

2284. Re: New Poll: 69% of Americans fear Dems will impede war on terror

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 14:20:44 UTC
From: David <rickets@knac.com>
Message-ID: <0dbel2dr7gt3ga10bbt158dodh1jftjj65@4ax.com>
Source record: 49658
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Sun, 12 Nov 2006 12:34:01 +0000 (UTC), Lloyd <lloyd@no.spammmmm>
wrote:

>In addition, a whopping 78% of Americans are afraid that the Dems will
>cut and run. It seems that the vote was a protest vote and that the
>Dems are still on the wrong side of public opinion. Source: Reuters
>(Look the rest up yourself.)

No. You show us.

http://elections.us.reuters.com/?WTmodLoc=NewsArt-Top2-GoTo-11

2285. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 14:47:33 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <45573405.8070901@gmail.com>
Source record: 49659
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Radiosrfun wrote:
> "John Smith" <assemblywizard@gmail.com> wrote in message
> news:ej6cua$2naq$1@news.ndhu.edu.tw...
>> Slow Code wrote:
>>> Do you think no-codes give the impression that ham radio is just a bunch
>>> of appliance operators? SC
>> Idiot, check your spelling, it's "group troll."
>>
>> JS
>
> JS, why are ya putting up with the "BS"? Let's forget him and start using
> this group for what it was meant for. His comments are null and void. The
> argument is a horse killed many times over. This has been going on for
> "months". Time to move on. Nothing is going to change from this "crap" and
> besides, he has yet to prove to anyone - he even had/has a license.
>
>

You are quite correct... thanks.

JS

2286. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 14:50:39 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej7cdt$26mm$2@news.ndhu.edu.tw>
Source record: 49660

Joe Bloe wrote:
> On Sun, 12 Nov 2006 01:18:38 GMT, Slow Code <my.mail@no.spam> wrote:
>
>> Do you think no-codes give the impression that ham radio is just a bunch
>> of appliance operators?
>>
>> SC
>
>
> SC,
> `Sounds to me that someone likes to stir the pot. . . Are you one
> of them "Sensationalist" who like to do that? To see how much hate
> and discontent one can whup up in the shortest amount of time?
>
> This is a topic, much like abortions nowadays. . . There is no one
> real answer and at any level, it's not that easy to answer. However,
> I have a different approach to things:
>
> Make the CB band licensable by a competency test and money for the
> license, just like everything else on the radio level of things. That
> way, the HAM's of who have heartburn of anybody NOT paying their dues
> will have instant relief from their most personal, but most publicly
> proclaimed issues.
>
> I'm a technician class operator. Nothing special what so ever. In
> fact, some even claim that to be nothing more than a Posh CB'er. . .
> So what? I took the test and paid my bill. . . Whoopie-ding! I can
> operate 2 meter and up. This is where it starts to get crappy:
> I can howl and carry on, on the 11 meter band, (CB), or I can talk
> to real "Jabber-Jaws" and "Drool Monsters" all day long on 2 meter,
> (Just as bad or equal to CB'ers.) I can talk on higher frequencies
> all day long with no issues, but to go UNDER 11 meters for Any reason,
> I have to have a license that sayz that I can pound on a key in the
> manor of reason to convey conscious thought to another. . .
>
> Hey, check this out:
>
> I don't want to `Key.
> I don't have Any intent ever to `Key.
> I am interested in phone FM and Sideband
> Did I say that I'm not interested in the Key? And that I prefer
> Phone?
>
> So, what this amounts to is some old farts with a feather to wave in

> the wind and listen to it whistle insists that I HAVE to learn the
> "Key" before I can do what I want to do. And because they are LOOSING
> PEOPLE AT SUCH A PROFOUND RATE, they had to drop the "Code
> Requirement" to a REDICLOUSLY LOW SPEED of only 5 Words Per Minute!
> FIVE WORDS PER MINUITE! Just to force me to do something I have
> absolutely NO interest in what so ever, Just so they can hear the wind
> whistle through their stupid feather! . . . Five words per minute is
> just about worthless and truly amounts to nothing more than some one
> forcing another person to do their bidding for no other reason that to
> make it so.
>
> It sounds like the "WeSaySo" corporation is in control of the FCC.
> If this continues, just to keep people interested in radio, enough to
> be able to FUND the governmental HOBBY, I can actually foresee the
> requirement to be dropped to the level of:
>
> 1. Learning to key in "SOS" and "Pon Pon"
> and
> 2. Showing a basic understanding of the "Q" codes
> and maybe
> 3. A Two Dollar Bill bribe simply to accept the damn license to
> justify the departments HAM branch very existence.
>
> The big issue is something I can put into two simple words, "Cell
> Phone". As a governmental person calmly explained to me, "Who the
> hell cares about HAM radio anymore when EVERYBODY has ether a
> satellite or cell phone?"
>
> The only argument I could place against this as a retort is: "But
> it's a state regulated hobby." . . Boy! Now THAT was an argument,
> wasn't it?! That stopped the official with a silly smile on his face.
> . . Just before he broke into a laugh.
>
> SO, I challenge YOU, Mr. SC, to do any better in trying to uphold
> the unique and special place that the HAM radio operators Use To Hold,
> nowadays against the onslaught of the cell phone landslide. . . (No
> license, no test, just push a button and talk around the world. . .
> Smile, its simple! Just PAY THE BILL.), against the hassles of fees,
> testing, and pointless bullshit of just trying to be a HAM and trying
> to set up an antenna. . . NOT to mention Having to learn a completely
> obscure and arcane language of pulses, NEVER TO USE IT, but just so
> one can simply to "TALK" like on a Cell Phone for the pure sake of
> enjoying the arcane hobby of HAM radio?
>
> Who needs the stinking headache from all the old
> feather-waving-bozos when the HAM aspect of the FCC is dying for lack
> of interest due to cell phones and the internet? Bottom line is that
> the human race doesn't care about old shit nowadays, and HAM in that
> light, is WAY ancient!
>

> Forcing one to learn how to use Morris Code simply to use the Phone
> bands of the frequencies is honestly some real petty bullshit put in
> place by seriously demented, egotistical, fascist type of people. The
> only purpose of this exercise is to allow these bullies, these
> Committee members, to achieve an ill gotten and poorly timed erection
> by saying "NO" to the rest of us, and making it stick. Nothing more
> purposeful than simply preventing people, stopping people from doing
> what they care to do, simply by exerting their poorly derived
> authority.
>
> As far as I am concerned, KEY is just as much a hobby as anything
> else is. Open the bandwidth to all, but reserve some bandwidth
> strictly to KEY and no body else. Stop forcing people to learn what
> they do Not want to know or have the time to learn, especially when
> they have absolutely NO interest in it, and it has absolutely NO
> bearing on the their ability to function with their equipment.
>
> Leave some bandwidth for KEY only, but don't shut off entire bands
> from me just because I have no interest in Keying anything to anybody.
>
> 73's
> KD7YMR

You'll never be a "real low-bander," you are sane, that is NOT allowed!
<grin>

JS

2287. Re: (OT) Veteran's Day.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 14:57:08 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12ledi66sn5ff67@corp.supernews.com>
Source record: 49661
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.antenna,rec.radio.amateur.policy

David wrote:
> On Sun, 12 Nov 2006 01:18:27 GMT, Slow Code <my.mail@no.spam> wrote:
>
>
>>cuhulin@webtv.net wrote in
>>news:20275-4555320A-17@storefull-3257.bay.webtv.net:
>>
>>
>>>It has been a boring day for me,just the way I like them.Patton movie is
>>>on Radio tv now.
>>>cuhulin,at the Radio tv movies
>>
>>
>>Thank you cuhulin for your service to our country.
>>
>>
>>It's sad how the Democrats detest the service of our men
>>and women in uniform protecting our freedoms so we can
>>enjoy radio.
>>
>
> How is Iraq ''protecting our freedoms''?
>
> Freedom to profiteer, perhaps...
Look,. What will happen to your happy life if the enemy gets control of
the Iraq and Iran oil fields?

Dave N

2288. Re: (OT) Veteran's Day.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 15:08:48 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej7dg0$28d8$1@news.ndhu.edu.tw>
Source record: 49662
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.antenna,rec.radio.amateur.policy

David G. Nagel wrote:
> David wrote:
>> On Sun, 12 Nov 2006 01:18:27 GMT, Slow Code <my.mail@no.spam> wrote:
>>
>>
>>> cuhulin@webtv.net wrote in
>>> news:20275-4555320A-17@storefull-3257.bay.webtv.net:
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>>>> It has been a boring day for me,just the way I like them.Patton
>>>> movie is
>>>> on Radio tv now.
>>>> cuhulin,at the Radio tv movies
>>>
>>>
>>> Thank you cuhulin for your service to our country.
>>>
>>>
>>> It's sad how the Democrats detest the service of our men and women in
>>> uniform protecting our freedoms so we can enjoy radio.
>>>
>>
>> How is Iraq ''protecting our freedoms''?
>>
>> Freedom to profiteer, perhaps...
> Look,. What will happen to your happy life if the enemy gets control of
> the Iraq and Iran oil fields?
>
> Dave N

We might finally be able to breathe? Lock yourself in your garage for a short while with you car idling, you won't come out. Picture yourself streaming down the highway where uncounted cars have just preceded you, and are just preceding you, do you see the virtual "river" of toxin you are traveling in; do you see it drifting towards your neighborhood?

I do NOT wish to stop driving, I only wish to stop dying to do so... without doubt we are in Iraq because of oil, no matter it reflects a type of insanity to be there?

Still, now we ARE there...

JS

2289. Re: What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 15:14:49 UTC
From: Dave <noone@nowhere.com>
Message-ID: <SfGdnZ76PI_2p8rYnZ2dnUVZ_h2dnZ2d@crocker.com>
Source record: 49663

but rf doesn't flow 'into the earth'. rf current is always trying to complete the circuit back to it's source... i.e. 'ground radials' under a vertical are collecting the current and returning it to the feedpoint, so they are actually 'sucking' rf out of the ground. the 'ground' connection to a radio feeding a dipole is actually returning current from the ground back to the feedpoint via the outside of the coax shield... that is why you can get high voltages at the radio end of the cable, if too much current is coupled from the antenna onto other conductors connected to 'ground' they will feed current back through the radio 'ground' and out the shield of the feedline to get to the feedpoint, and if you happen to be too close to the antenna or some other object that couples the rf to you then you get burned when the rf from you flows back to the radio when you touch something that is 'grounded'.

"Bill Turner" <noway@nowhow.com> wrote in message
news:ma5dl21hpa6f0grbvmrn8plhsne5lpbjg3@4ax.com...
> An RF ground is where RF energy flows into the earth. A lot of folks
> misuse the word "ground" when they really mean a common connection
> point, which may or may not have anything to do with earth. Be careful
> to define just what you mean.
>
> Bill, W6WRT
>
>
> ------------ ORIGINAL MESSAGE ------------
>
> On Sat, 11 Nov 2006 12:06:16 -0000, "David" <nospam@nospam> wrote:
>
>>What would you define RF ground as? There seem to be a lot of different
>>ideas.
>>

2290. Re: What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 15:17:50 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej7e0s$28vn$1@news.ndhu.edu.tw>
Source record: 49665

Dave wrote:
> but rf doesn't flow 'into the earth'. rf current is always trying to
> complete the circuit back to it's source... i.e. 'ground radials' under a
> vertical are collecting the current and returning it to the feedpoint, so
> they are actually 'sucking' rf out of the ground. the 'ground' connection
> to a radio feeding a dipole is actually returning current from the ground
> back to the feedpoint via the outside of the coax shield... that is why you
> can get high voltages at the radio end of the cable, if too much current is
> coupled from the antenna onto other conductors connected to 'ground' they
> will feed current back through the radio 'ground' and out the shield of the
> feedline to get to the feedpoint, and if you happen to be too close to the
> antenna or some other object that couples the rf to you then you get burned
> when the rf from you flows back to the radio when you touch something that
> is 'grounded'.
>
>
> "Bill Turner" <noway@nowhow.com> wrote in message
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>> An RF ground is where RF energy flows into the earth. A lot of folks
>> misuse the word "ground" when they really mean a common connection
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>> to define just what you mean.
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>> Bill, W6WRT
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>>
>> ------------ ORIGINAL MESSAGE ------------
>>
>> On Sat, 11 Nov 2006 12:06:16 -0000, "David" <nospam@nospam> wrote:
>>
>>> What would you define RF ground as? There seem to be a lot of different
>>> ideas.
>>>
>
>

Correct. If pink fairies dance the head of the pin, all bets are off.
Although everything applies if dancing blue fairies...

JS

2291. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 15:19:00 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <6peel255vqgckgko80toj3bp2qco731lgb@4ax.com>
Source record: 49664
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Please guys, don't respond to this crap. This belongs on
rec.radio.amateur.policy.

Thanks,

Bill, W6WRT

---------- ORIGINAL MESSAGE ----------On 11 Nov 2006 20:10:47
-0800, fcathell@msn.com wrote:

>Code or no-code it's largely been a bunch appliance operators having
>their "slam bam thank you mam" QRM contests for the last 15 years. The
>no-code situation is just going to exacerbate this. Just refer to it as
>"CB extra class!"
>
>F. Cathell
>K3YAZ

2292. OT...See if SC is dumber than dirt

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 15:27:18 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <q3H5h.2159$mR4.1217@tornado.texas.rr.com>
Source record: 49666
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"Slow Code" <my.mail@no.spam> wrote in message news:cEu5h.5298
>
>
> It's not unwritten policy, it's life. Those that work hardest get most.
> Unfortunately, a lot of people want only one class. A CB'er like class.
>
> You shouldn't have to work for anything, Just like liberalism and the
> democrats. Those that work hardest get the fruits of their labor punished,
> those that don't get welfare and handouts.
>
> SC

Are you that fucking stupid and simplistic?

Here's just one point, and of course, as usual, you'll have no legitimate reply:

Minimum wage. The GOP states that if the minimum wage is increased, the cost of everything will rise. Probably so. Of course keeping it low means that things will cost less, right? Let me see, if we give people a wage that they can live on, we'll have less people getting welfare, right? Sure, the cost of a hamburger may go up, but then again, I don't actually need a hamburger, so I can live with that. And the taxpayers will be getting a break in the form of less people on welfare. That benefits me and you, right. Stick with me here SC, I know this thinking for yourself stuff is hard for you, but I'll try to take it SLOW. These same people will have more cash to spend, so that helps the economy, right? So, if you and I benefit from an increase in minimum wage, who loses? Well, it appears big business does, doesn't it? They are the ones reaping the benefits of low labor costs, while at the same time raping you and I because their employees cannot sustain themselves because of an artificially low labor cost.

This is just one point, SC. I know you're out of your league debating, but do you care to try to dispel this fact?

2293. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 15:30:06 UTC
From: an old freind <Mark@kb9rqz.aprs>
Message-ID: <45573124$0$21081$88260bb3@free.teranews.com>
Source record: 49667
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

"Bill Turner" <noway@nowhow.com> wrote in message
news:6peel255vqgckgko80toj3bp2qco731lgb@4ax.com...
> Please guys, don't respond to this crap. This belongs on
> rec.radio.amateur.policy.
>
> Thanks,
>
> Bill, W6WRT
with the punce gotcha do u hav anyting cognet two say?
>
> ------------ ORIGINAL MESSAGE ------------On 11 Nov 2006 20:10:47
> -0800, fcathell@msn.com wrote:
>
>>Code or no-code it's largely been a bunch appliance operators having
>>their "slam bam thank you mam" QRM contests for the last 15 years. The
>>no-code situation is just going to exacerbate this. Just refer to it as
>>"CB extra class!"
>>
>>F. Cathell
>>K3YAZ
>

--
Posted via a free Usenet account from http://www.teranews.com

2294. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 15:58:01 UTC
From: an old freind <Mark@kb9rqz.aprs>
Message-ID: <455737b1$0$21086$88260bb3@free.teranews.com>
Source record: 49668

"John Smith" <assemblywizard@gmail.com> wrote in message
news:ej7cdt$26mm$2@news.ndhu.edu.tw...
> Joe Bloe wrote:
>> On Sun, 12 Nov 2006 01:18:38 GMT, Slow Code <my.mail@no.spam> wrote:
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>>> Do you think no-codes give the impression that ham radio is just a bunch
>>> of appliance operators?
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>> SC,
>> `Sounds to me that someone likes to stir the pot. . . Are you one
>> of them "Sensationalist" who like to do that? To see how much hate
>> and discontent one can whup up in the shortest amount of time?
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>> This is a topic, much like abortions nowadays. . . There is no one
>> real answer and at any level, it's not that easy to answer. However,
>> I have a different approach to things:
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>> Make the CB band licensable by a competency test and money for the
>> license, just like everything else on the radio level of things. That
>> way, the HAM's of who have heartburn of anybody NOT paying their dues
>> will have instant relief from their most personal, but most publicly
>> proclaimed issues.
>>
>> I'm a technician class operator. Nothing special what so ever. In
>> fact, some even claim that to be nothing more than a Posh CB'er. . .
>> So what? I took the test and paid my bill. . . Whoopie-ding! I can
>> operate 2 meter and up. This is where it starts to get crappy:
>> I can howl and carry on, on the 11 meter band, (CB), or I can talk
>> to real "Jabber-Jaws" and "Drool Monsters" all day long on 2 meter,
>> (Just as bad or equal to CB'ers.) I can talk on higher frequencies
>> all day long with no issues, but to go UNDER 11 meters for Any reason,
>> I have to have a license that sayz that I can pound on a key in the
>> manor of reason to convey conscious thought to another. . .
>>
>> Hey, check this out:
>>
>> I don't want to `Key.
>> I don't have Any intent ever to `Key.
>> I am interested in phone FM and Sideband
>> Did I say that I'm not interested in the Key? And that I prefer
>> Phone?
>>

>> So, what this amounts to is some old farts with a feather to wave in
>> the wind and listen to it whistle insists that I HAVE to learn the
>> "Key" before I can do what I want to do. And because they are LOOSING
>> PEOPLE AT SUCH A PROFOUND RATE, they had to drop the "Code
>> Requirement" to a REDICLOUSLY LOW SPEED of only 5 Words Per Minute!
>> FIVE WORDS PER MINUITE! Just to force me to do something I have
>> absolutely NO interest in what so ever, Just so they can hear the wind
>> whistle through their stupid feather! . . . Five words per minute is
>> just about worthless and truly amounts to nothing more than some one
>> forcing another person to do their bidding for no other reason that to
>> make it so.
>>
>> It sounds like the "WeSaySo" corporation is in control of the FCC.
>> If this continues, just to keep people interested in radio, enough to
>> be able to FUND the governmental HOBBY, I can actually foresee the
>> requirement to be dropped to the level of:
>>
>> 1. Learning to key in "SOS" and "Pon Pon"
>> and
>> 2. Showing a basic understanding of the "Q" codes
>> and maybe
>> 3. A Two Dollar Bill bribe simply to accept the damn license to
>> justify the departments HAM branch very existence.
>>
>> The big issue is something I can put into two simple words, "Cell
>> Phone". As a governmental person calmly explained to me, "Who the
>> hell cares about HAM radio anymore when EVERYBODY has ether a
>> satellite or cell phone?"
>>
>> The only argument I could place against this as a retort is: "But
>> it's a state regulated hobby." . . Boy! Now THAT was an argument,
>> wasn't it?! That stopped the official with a silly smile on his face.
>> . . Just before he broke into a laugh.
>>
>> SO, I challenge YOU, Mr. SC, to do any better in trying to uphold
>> the unique and special place that the HAM radio operators Use To Hold,
>> nowadays against the onslaught of the cell phone landslide. . . (No
>> license, no test, just push a button and talk around the world. . .
>> Smile, its simple! Just PAY THE BILL.), against the hassles of fees,
>> testing, and pointless bullshit of just trying to be a HAM and trying
>> to set up an antenna. . . NOT to mention Having to learn a completely
>> obscure and arcane language of pulses, NEVER TO USE IT, but just so
>> one can simply to "TALK" like on a Cell Phone for the pure sake of
>> enjoying the arcane hobby of HAM radio?
>>
>> Who needs the stinking headache from all the old
>> feather-waving-bozos when the HAM aspect of the FCC is dying for lack
>> of interest due to cell phones and the internet? Bottom line is that
>> the human race doesn't care about old shit nowadays, and HAM in that
>> light, is WAY ancient!

>>
>> Forcing one to learn how to use Morris Code simply to use the Phone
>> bands of the frequencies is honestly some real petty bullshit put in
>> place by seriously demented, egotistical, fascist type of people. The
>> only purpose of this exercise is to allow these bullies, these
>> Committee members, to achieve an ill gotten and poorly timed erection
>> by saying "NO" to the rest of us, and making it stick. Nothing more
>> purposeful than simply preventing people, stopping people from doing
>> what they care to do, simply by exerting their poorly derived
>> authority.
>>
>> As far as I am concerned, KEY is just as much a hobby as anything
>> else is. Open the bandwidth to all, but reserve some bandwidth
>> strictly to KEY and no body else. Stop forcing people to learn what
>> they do Not want to know or have the time to learn, especially when
>> they have absolutely NO interest in it, and it has absolutely NO
>> bearing on the their ability to function with their equipment.
>>
>> Leave some bandwidth for KEY only, but don't shut off entire bands
>> from me just because I have no interest in Keying anything to anybody.
>>
>> 73's
>> KD7YMR
>
> You'll never be a "real low-bander," you are sane, that is NOT allowed!
> <grin>
>
> JS
with teh punce gotcha do u havanyting cognet two say?
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2295. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 16:02:27 UTC
From: an old freind <Mark@kb9rqz.aprs>
Message-ID: <455738ba$0$21199$88260bb3@free.teranews.com>
Source record: 49669
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

"Papa Dog" <papadogbg@yahoo.com> wrote in message
news:MPG.1f9df6c6ce462e30989a43@news-server.carolina.rr.com...
> In article <qEVYg.10360$Y24.4477@newsread4.news.pas.earthlink.net>,
> my.mail@no.spam says...
>> Papa Dog <papadogbg@yahoo.com> wrote in
>> news:MPG.1f9b72ea52e3e77f989a42@news-server.carolina.rr.com:
>>
>> > Passed my Tech Exam today. Only missed one question.
>>
>>
>> No, You missed another ten questions,
>
> No I didn't take the code test. You're absolutely no help. You just
> try and stir the pot. If you have so much knowledge why don't you share
> it with the group instead of just causing trouble.
>
>> the CW questions, but since the
>> Tech license is dumbed down you weren't tested on them.
>
> I took the test the government of my country prescribed I take. If you
> don't like it call the FCC. I've long since tired of your whining.
>>
>> Don't know which HT to recommend,
>
> I thought you knew everything there is to know about Ham radio. I
> thought you were the upmost authority on everything.
>
>> but a lot of No-codes like the
>> Cobra 148GTL for HF.
>
> Sounds like you know from experience. Now we know who the CB expert is
> on the group.
with teh punce gotcha do u havanyting cognet two say?
http://kb9rqz.blogspot.com/

>>
>> SC
>>
>
> 73
>
> Chris
>

--
Posted via a free Usenet account from http://www.teranews.com

2296. Re: Never under estimate the power of stupid people in large groups.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 16:13:49 UTC
From: Paladin <kb1ghh@hotmail.com>
Message-ID: <1163348029.661604.286410@h54g2000cwb.googlegroups.com>
Source record: 49670
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

maskirovka wrote:
> "Slow Code" <my.mail@no.spam> wrote in message
> news:YSu4h.4114$0r.1277@newsread1.news.pas.earthlink.net...
> >
> > I hope one day the republicans figure that out.
> >
> > SC
>
> They can start by implimenting a voucher system for students of parents who
> can not afford private schools.
> The bulk of their ever increasing property taxes goes to fund the Socialist
> public school system. You know, the system that wants to do away with The
> Pledge and instead have our children site quotes from the koran.

WHERE THE HECK IS HAM RADIO ON THIS SITE!!!!!!!!!! PLE-E-E-Ease take
"it"elsewhere!

PALADIN

2297. Re: float? What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 16:14:21 UTC
From: ml <m@di.net>
Message-ID: <m-621723.11141912112006@news.verizon.net>
Source record: 49671

>
> Alternative moral:
> Put your source (transmitter) as far from the mud as possible;
> Use a dipole and insure there are no connections to ground
> whatever. Any violation of this last rule brings grief.
> Such violations are legion and few escape.
>

Hi Rich

This knocked the gerbil off his wheel

so if i am doing the above, do you mean, no coaxl shield to ground or
did you really really mean not even a ground to my rig chassies?
i understand the dipole is ballanced at that point and the antenna
dosn't need a gnd (plane) radial (min is a center feed equal l)

so i would just have a rig and antenna nothing else??

(presume my electrical gnd is ok on the aka 3prong plug)

2298. Re: 2 theories on groundplane vertical antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 16:14:37 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1163348077.461160.79290@f16g2000cwb.googlegroups.com>
Source record: 49672

Both theorys are wrong...
I am adding an element to a dipole, this afternoon... I expect
significant benefits...
I am not adding any radials to my vertical antenna as there will be no
measureable benefit...

denny / k8do

2299. rf leaks

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 16:23:22 UTC
From: ml <m@di.net>
Message-ID: <m-D1E7D7.11232312112006@news.verizon.net>
Source record: 49673

i have a few known good hf rigs. after all is hooked up i notice over time as i've made 'hookup' changes... that i seem to dectect rf energy leaking from somplace

it might be the case or my coax perhaps the grounds lastly it's possible rf is just going into the ac lines

I know this as my tv in the room hasn't changed and lately is pickng up rf on keydown (i've isolated to not being from my roof antenna)

sometimes when rig a is on i can pick up a little of it from rig b (even w/a bandpass filter) so it's shack related

Question:

so how does one go about finding out what i did wrong how do you trouble shoot? and isolate

can i use a instrument? trial and error?

2300. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 16:27:50 UTC
From: Allodoxaphobia <bit-bucket@config.com>
Message-ID: <slrneleis6.uq2.bit-bucket@shell.config.com>
Source record: 49674
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.swap

On Sun, 12 Nov 2006 01:18:38 GMT, Slow Code posted:

Subject: Re: Group poll.

You spelled "troll" wrong up there, Skippy.

Jonesy
--
Marvin L Jones | jonz | W3DHJ | linux
38.24N 104.55W | @ config.com | Jonesy | OS/2
*** Killfiling google posts: <http//jonz.net/ng.htm>

2301. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 16:42:07 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <NPednf2CGJ9D08rYnZ2dnUVZ_vmdnZ2d@comcast.com>
Source record: 49675
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Slow Code wrote:
> Do you think no-codes give the impression that ham radio is just a bunch
> of appliance operators?
>
> SC

How about a positive suggestion?

I think that when we call anyone we should always identify our stations in CW. There is no requirement to use SSB to identify when on SSB. So, try using CW for all station ID requirements.

BTW, I'll slow down to 20 wpm.

Any interest?

/s/ DD

2302. Re: (OT) Veteran's Day.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 16:43:23 UTC
From: smacktalk@netscape.net
Message-ID: <hijel25v925jbetj81paktvonejqqkii52@4ax.com>
Source record: 49576
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.antenna,rec.radio.amateur.policy

On Sun, 12 Nov 2006 08:57:08 -0600, "David G. Nagel" <nagel@core.com>
wrote:

>David wrote:
>> On Sun, 12 Nov 2006 01:18:27 GMT, Slow Code <my.mail@no.spam> wrote:
>>
>>
>>>>cuhulin@webtv.net wrote in
>>>news:20275-4555320A-17@storefull-3257.bay.webtv.net:
>>>
>>>
>>>>>>It has been a boring day for me,just the way I like them.Patton movie is
>>>>on Radio tv now.
>>>>cuhulin,at the Radio tv movies
>>>
>>>
>>>Thank you cuhulin for your service to our country.
>>>
>>>
>>>It's sad how the Democrats detest the service of our men
>>>and women in uniform protecting our freedoms so we can
>>>enjoy radio.
>>>
>>
>> How is Iraq ''protecting our freedoms''?
>>
>> Freedom to profiteer, perhaps...
>Look,. What will happen to your happy life if the enemy gets control of
>the Iraq and Iran oil fields?
>
>Dave N

...the point of attacking Iraq was to keep the oil in the ground.
Imagine how much you'd be paying at the pump if Saddam was still
running the country and Iraqi oil was on the market.? Attacking Iraq
and keeping Iraqi oil off the market was part of the plan formulated
in the energy summit Cheney doesn't want anyone to know about...

2303. Re: (OT) Veteran's Day.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 16:50:48 UTC
From: dxAce <dxAce@milestones.com>
Message-ID: <455750E8.4A64463B@milestones.com>
Source record: 49577
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

smacktalk@netscape.net wrote:

> On Sun, 12 Nov 2006 08:57:08 -0600, "David G. Nagel" <nagel@core.com>
> wrote:
>
> >David wrote:
> >> On Sun, 12 Nov 2006 01:18:27 GMT, Slow Code <my.mail@no.spam> wrote:
> >>
> >>
> >> >>>cuhulin@webtv.net wrote in
> >> >>>news:20275-4555320A-17@storefull-3257.bay.webtv.net:
> >> >>>
> >> >>>
> >> >>>>It has been a boring day for me,just the way I like them.Patton movie is
> >> >>>>on Radio tv now.
> >> >>>>cuhulin,at the Radio tv movies
> >> >>>
> >> >>>
> >> >>>Thank you cuhulin for your service to our country.
> >> >>>
> >> >>>
> >> >>>It's sad how the Democrats detest the service of our men
> >> >>>and women in uniform protecting our freedoms so we can
> >> >>>enjoy radio.
> >> >>>
> >> >>
> >> >> How is Iraq ''protecting our freedoms''?
> >> >>
> >> >> Freedom to profiteer, perhaps...
> >> >Look,. What will happen to your happy life if the enemy gets control of
> >> >the Iraq and Iran oil fields?
> >> >
> >> >Dave N
> >>
> >> ...the point of attacking Iraq was to keep the oil in the ground.
> >> Imagine how much you'd be paying at the pump if Saddam was still
> >> running the country and Iraqi oil was on the market.? Attacking Iraq
> >> and keeping Iraqi oil off the market was part of the plan formulated
> >> in the energy summit Cheney doesn't want anyone to know about...

At what summit did they all sit down at and decide to make you a retarded
Liberal..?

2304. Re: rf leaks

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 17:52:16 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej7n2g$2r4u$1@news.ndhu.edu.tw>
Source record: 49578

ml wrote:
> i have a few known good hf rigs. after all is hooked up i notice over
> time as i've made 'hookup' changes... that i seem to dectect rf energy
> leaking from somplace
>
> it might be the case or my coax perhaps the grounds lastly it's
> possible rf is just going into the ac lines
>
> I know this as my tv in the room hasn't changed and lately is pickng up
> rf on keydown (i've isolated to not being from my roof antenna)
>
> sometimes when rig a is on i can pick up a little of it from rig b
> (even w/a bandpass filter) so it's shack related
>
> Question:
>
> so how does one go about finding out what i did wrong how do you
> trouble shoot? and isolate
>
> can i use a instrument? trial and error?

ml:

> after all is hooked up i notice over
> time as i've made 'hookup' changes...

I hope that didn't take you a LONG time.

> I know this as my tv in the room hasn't changed ...

The only change you will ever see is, it grows older and outdated.
But, I am curious, what changes have you seen occurring with the tv's in
your other rooms?

> sometimes when rig a is on i can pick up a little of it from rig b

Apparently, you have long arms. Why you can only pick "rig a" up in
such a sporadic fashion and time frame baffles me. Again, I am curious,
can you pick "rig b" up from "rig a" any more consistently?

> so how does one go about finding out what i did wrong ...

My crystal ball is non-functioning at the moment, perhaps another can
assist you?

> can i use a instrument?

Perhaps, give me a clue, are you a musician?

JS

2305. id theft remains a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 18:32:28 UTC
From: Mark@kb9rqz.aprs
Message-ID: <75qel2ht179fejl8i42kgspkugil2npibj@4ax.com>
Source record: 49579
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Sun, 12 Nov 2006 11:02:27 -0500, "an old freind" <Mark@kb9rqz.aprs>
wrote:

>
>
more forgery more more crime
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2306. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 18:34:05 UTC
From: Mark@kb9rqz.aprs
Message-ID: <h8qel2tampqm49a87m6tl58t2q9vl1jo4c@4ax.com>
Source record: 49580
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Sun, 12 Nov 2006 10:30:06 -0500, "an old freind" <Mark@kb9rqz.aprs>
wrote:

>
>
more forgery more crime
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2307. my knew blog

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 18:40:48 UTC
From: an old freind <Mark@kb9rqz.aprs>
Message-ID: <45575dd6$0$21192$88260bb3@free.teranews.com>
Source record: 49581
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.usenet.kooks

it about woger

http://whywogersucks.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2308. Re: OT...See if SC is dumber than dirt

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 18:49:24 UTC
From: Mark@kb9rqz.aprs
Message-ID: <t1rel2ph9u4ff3qigbv9die7n7ptbhln8k@4ax.com>
Source record: 49582
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Sun, 12 Nov 2006 15:27:18 GMT, "U-Know-Who" <no-one@nowhere.com>
wrote:

>
>"Slow Code" <my.mail@no.spam> wrote in message news:cEu5h.5298
>>
>>
>> It's not unwritten policy, it's life. Those that work hardest get most.
>> Unfortunately, a lot of people want only one class. A CB'er like class.
>>
>> You shouldn't have to work for anything, Just like liberalism and the
>> democrats. Those that work hardest get the fruits of their labor punished,
>> those that don't get welfare and handouts.
>>
>> SC
>
>Are you that fucking stupid and simplistic?
>
>Here's just one point, and of course, as usual, you'll have no legitimate
>reply:
>
>Minimum wage. The GOP states that if the minimum wage is increased, the cost
>of everything will rise. Probably so. Of course keeping it low means that
>things will cost less, right? Let me see, if we give people a wage that they
>can live on, we'll have less people getting welfare, right? Sure, the cost
>of a hamburger may go up, but then again, I don't actually need a hamburger,
>so I can live with that. And the taxpayers will be getting a break in the
>form of less people on welfare. That benefits me and you, right. Stick with
>me here SC, I know this thinking for yourself stuff is hard for you, but
>I'll try to take it SLOW. These same people will have more cash to spend, so
>that helps the economy, right? So, if you and I benefit from an increase in
>minimum wage, who loses? Well, it appears big business does, doesn't it?
>They are the ones reaping the benefits of low labor costs, while at the same
>time raping you and I because their employees cannot sustain themselves
>because of an artificially low labor cost.
>
>This is just one point, SC. I know you're out of your league debating, but
>do you care to try to dispel this fact?
>
well small busness hurts more in mimium wage hike than big Busness Big
bussness being big has more ways of writing of anf otherwise sticking
the reuslts of the wage increase to Goovt and derectly to rest of us
than small bussness

Not saying I am opposed to rasing the wage but and that done with care
it certainly can be good for the economy but your detail are off Tom
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2309. id theft remains a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 18:54:01 UTC
From: Mark@kb9rqz.aprs
Message-ID: <7drel2p1l5khd40ubihhd83klnn56hu493@4ax.com>
Source record: 49583
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

On Sun, 12 Nov 2006 13:40:48 -0500, "an old freind" <Mark@kb9rqz.aprs>
wrote:

>it about woger
>
>http://whywogersucks.blogspot.com/
and I hardly write about ole woger except when I am repling to him
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2310. Re: What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 19:07:27 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <d7rel21nc77seb603avi6b4i4slgh4vscv@4ax.com>
Source record: 49584

On Sun, 12 Nov 2006 15:14:49 -0000, "Dave" <noone@nowhere.com> wrote:

>but rf doesn't flow 'into the earth'.

Hi Dave,

That statement is contradiction to the following:

>'ground radials' ... are ... 'sucking' rf out of the ground.

It necessarily follows that RF does flow "into" the earth by your own admission of it coming out (by whatever means).

>the 'ground' connection
>to a radio feeding a dipole is actually returning current from the ground
>back to the feedpoint via the outside of the coax shield...

Very true. However, the ellipsis (...) elongates a 25 word statement into an 118 word run-on sentence:

>that is why you
>can get high voltages at the radio end of the cable, if too much current is
>coupled from the antenna onto other conductors connected to 'ground' they
>will feed current back through the radio 'ground' and out the shield of the
>feedline to get to the feedpoint, and if you happen to be too close to the
>antenna or some other object that couples the rf to you then you get burned
>when the rf from you flows back to the radio when you touch something that
>is 'grounded'.

If I try to parse the intent of this, it becomes a string of assertions held in suspension until the summary that ties them together. That never happens. The conclusion:
> then you get burned
>when the rf from you flows back to the radio when you touch something that
>is 'grounded'.
bears no relation to the matter of currents in the earth - except as a consequence to rather perverse conditions.

73's
Richard Clark, KB7QHC

2311. Re: 2 theories on groundplane vertical antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 19:13:28 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <p8sel2946l1i0v7d8d29ntp59v8i02lgjn@4ax.com>
Source record: 49585

On 12 Nov 2006 08:14:37 -0800, "Denny" <k8do@mailblocks.com> wrote:

>Both theorys are wrong...

Hi Denny,

>I am adding an element to a dipole, this afternoon... I expect
>significant benefits...

Expectation is described in terms of a belief system. Many adherents
to belief systems stand the risk of disappointment, but that does not
invalidate any particular theory, only the belief (a very subjective
thing). Many adherents to belief systems find solace in their beliefs
alone (without any further attempt to quantify).

>I am not adding any radials to my vertical antenna as there will be no
>measureable benefit...

No "measurable" benefit is described in terms of ability. Many are
unable, but their shortfall in capability, too, does not invalidate
any particular theory (doesn't validate it either).

73's
Richard Clark, KB7QHC

2312. Re: (OT) Veteran's Day.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 19:25:15 UTC
From: "X-rated Vermonter"
Message-ID: <mtsel2hbjh3ui0k2lsjdnd8m471bkeslrj@4ax.com>
Source record: 49586
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.antenna,rec.radio.amateur.policy

On Sun, 12 Nov 2006 01:18:27 GMT, Slow Code <my.mail@no.spam> wrote:

>It's sad how the Democrats detest the service of our men
>and women in uniform protecting our freedoms so we can
>enjoy radio.
>
>SC
++++++++
Yeah, its a shame that they all do not have the splendid military service as displayed by Rush Limbaugh (none) and Sean Hannity (also none), Karl Rove (also none) or our fearless VP, Dick Cheney (no service, but did bag an old lawyer friend on a hunting trip).

But what good is military service any more? The military gave up CW years ago, and nobody in the military practices or knows it any more. Just a bunch of CBers riding around in Humvees, right SC?

2313. Re: What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 19:25:38 UTC
From: Dave <noone@nowhere.com>
Message-ID: <fuOdnQ4emYip6MrYnZ2dnUVZ_uGdnZ2d@crocker.com>
Source record: 49587

"Richard Clark" <kb7qhc@comcast.net> wrote in message
news:d7rel21nc77seb603avi6b4i4slgh4vscv@4ax.com...
> On Sun, 12 Nov 2006 15:14:49 -0000, "Dave" <noone@nowhere.com> wrote:
>
>>but rf doesn't flow 'into the earth'.
>
> Hi Dave,
>
> That statement is contradiction to the following:
>
>>'ground radials' ... are ... 'sucking' rf out of the ground.
>
> It necessarily follows that RF does flow "into" the earth by your own
> admission of it coming out (by whatever means).

in context of the message i was replying to the writer implied that rf
flowed 'into' the earth and that was the end of it, more correctly it could
be said that rf flows 'through' the earth, but it doesn't dissappear 'into'
the earth.

>
>>the 'ground' connection
>>to a radio feeding a dipole is actually returning current from the ground
>>back to the feedpoint via the outside of the coax shield...
>
> Very true. However, the ellipsis (...) elongates a 25 word statement
> into an 118 word run-on sentence:

i have been told before that i have very long trains of thought, usually i
am just trying to be descriptive enough for someone else to follow along...
and i just like ellipsis.

>
>>that is why you
>>can get high voltages at the radio end of the cable, if too much current
>>is
>>coupled from the antenna onto other conductors connected to 'ground' they
>>will feed current back through the radio 'ground' and out the shield of
>>the
>>feedline to get to the feedpoint, and if you happen to be too close to the
>>antenna or some other object that couples the rf to you then you get
>>burned
>>when the rf from you flows back to the radio when you touch something that
>>is 'grounded'.
>

> If I try to parse the intent of this, it becomes a string of
> assertions held in suspension until the summary that ties them
> together. That never happens. The conclusion:
>> then you get burned
>>when the rf from you flows back to the radio when you touch something that
>>is 'grounded'.
> bears no relation to the matter of currents in the earth - except as a
> consequence to rather perverse conditions.

it relates to the common assumption that the radio case, coax shield, and other items connected to a common 'ground' are at 'rf ground'. ignoring the 'earth', there is also the common misconception that things tied together to the often discussed 'single point ground' are all 'grounded'... something that is not necesssarily true when dealing with rf.

2314. Re: What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 19:36:03 UTC
From: Richard Fry <rfry@adams.net>
Message-ID: <ej7t3f$f33$1@news.ndhu.edu.tw>
Source record: 49588

"John Smith" wrote
>> the 'ground' connection to a radio feeding a dipole is actually
>> returning current from the ground back to the feedpoint via the
>> outside of the coax shield.

Usually there are good reasons to connect an earth-based tx chassis to an earth r-f ground. But if the tx is feeding a dipole or other balanced radiator, that radiator doesn't need or use a connection to an earth r-f ground to generate its radiation. The current source for one side of the dipole is the other side of the dipole.

For example consider airborne VHF tx/rx/antenna systems -- which work just fine with no reference to an earth "r-f ground," whatsoever.

RF

2315. Re: New Poll: 69% of Americans fear Dems will impede war on terror

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 19:48:09 UTC
From: Lloyd <lloyd@no.spammmmm>
Message-ID: <30981765.65810986@tarrnews.net>
Source record: 49589
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Sun, 12 Nov 2006 12:23:01 -0600, cuhulin@webtv.net <cuhulin@webtv.net> wrote:
> I am a retard.I can't follow up?
> cuhulin

Maybe it's webtv that won't allow you. Here's an excerpt from the Reuters story that the retards couldn't find (it's been all over the Sunday cable talkathons too):

"... even more said they were concerned about some of the actions a Democratic Congress might take, including 78 percent who were somewhat or very concerned that it would seek too hasty a withdrawal of troops from Iraq.

"Another 69 percent said they were concerned that the new Congress would keep the administration "from doing what is necessary to combat terrorism," and two-thirds said they were concerned it would spend too much time investigating the administration and Republican scandals."

-- Reuters @ http://www.alertnet.org/thenews/newsdesk/N11417154.htm

[Guvf fcnpr erfreirq sbe gur ergneqf gb fcva gur fgbel.]

2316. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 19:55:43 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <IeSdnW1Qv8Oi4crYnZ2dnUVZ_h6dnZ2d@bright.net>
Source record: 49590
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Depends. Have you built and operated any radio gear lately?

Slow Code wrote:

> Do you think no-codes give the impression that ham radio is just a bunch
> of appliance operators?
>
> SC

2317. Re: (OT) Veteran's Day.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 20:07:41 UTC
From: Mark@kb9rqz.aprs
Message-ID: <2nvel2tsop8q9bqfobkrqk2mkbh3rrhc30@4ax.com>
Source record: 49591
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.antenna,rec.radio.amateur.policy

On Sun, 12 Nov 2006 14:25:15 -0500, X-rated Vermonter wrote:

>On Sun, 12 Nov 2006 01:18:27 GMT, Slow Code <my.mail@no.spam> wrote:
>
>
>>It's sad how the Democrats detest the service of our men
>>and women in uniform protecting our freedoms so we can
>>enjoy radio.
>>
>>SC
>++++++++
>Yeah, its a shame that they all do not have the splendid military
>service as displayed by Rush Limbaugh (none) and Sean Hannity (also
>none), Karl Rove (also none) or our fearless VP, Dick Cheney (no
>service, but did bag an old lawyer friend on a hunting trip).
>
>But what good is military service any more? The military gave up CW
>years ago, and nobody in the military practices or knows it any more.
>Just a bunch of CBers riding around in Humvees, right SC?

ouch I detest that sort of thought but it is good tagging of the OCD
that Slow Code suffers wrt Morse Code
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2318. Re: New Poll: 69% of Americans fear Dems will impede war on terror

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 20:34:56 UTC
From: "X-rated Vermonter"
Message-ID: <171fl2dod53nts1rhfluadfo2c6iuvf33n@4ax.com>
Source record: 49592
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Sun, 12 Nov 2006 19:48:09 +0000 (UTC), Lloyd <lloyd@no.spammmmm>
wrote:

>On Sun, 12 Nov 2006 12:23:01 -0600, cuhulin@webtv.net <cuhulin@webtv.net> wrote:
>> I am a retard.I can't follow up?
>> cuhulin
>
>Maybe it's webtv that won't allow you. Here's an excerpt from the Reuters
>story that the retards couldn't find (it's been all over the Sunday cable
>talkathons too):
>
>"... even more said they were concerned about some of the actions a
>Democratic Congress might take, including 78 percent who were somewhat
>or very concerned that it would seek too hasty a withdrawal of troops
>from Iraq.
>
>"Another 69 percent said they were concerned that the new Congress would
>keep the administration "from doing what is necessary to combat
>terrorism," and two-thirds said they were concerned it would spend too
>much time investigating the administration and Republican scandals."
>
>-- Reuters @ http://www.alertnet.org/thenews/newsdesk/N11417154.htm

++++++++++
I see you skipped over the part where the Shrub's approval rating fell
from a low of 35% to a new low of 31%. Thus, notwithstanding any
concerns, the voters found the need to pull the rug out from under the
Shrub to be compelling.
>
>[Guvf fcnpr erfreirq sbe gur ergneqf gb fcva gur fgbel.]

2319. Re: New Poll: 69% of Americans fear Dems will impede war on terror

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 20:40:07 UTC
From: Mark@kb9rqz.aprs
Message-ID: <4i1fl2d4eif9grla2gdt25l2uji620bame@4ax.com>
Source record: 49593
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Sun, 12 Nov 2006 15:34:56 -0500, X-rated Vermonter wrote:

>On Sun, 12 Nov 2006 19:48:09 +0000 (UTC), Lloyd <lloyd@no.spammmmm>
>wrote:
>
>>On Sun, 12 Nov 2006 12:23:01 -0600, cuhulin@webtv.net <cuhulin@webtv.net> wrote:
>>> I am a retard.I can't follow up?
>>> cuhulin
>>
>>Maybe it's webtv that won't allow you. Here's an excerpt from the Reuters
>>story that the retards couldn't find (it's been all over the Sunday cable
>>talkathons too):
>>
>>"... even more said they were concerned about some of the actions a
>>Democratic Congress might take, including 78 percent who were somewhat
>>or very concerned that it would seek too hasty a withdrawal of troops
>>from Iraq.
>>
>>"Another 69 percent said they were concerned that the new Congress would
>>keep the administration "from doing what is necessary to combat
>>terrorism," and two-thirds said they were concerned it would spend too
>>much time investigating the administration and Republican scandals."
>>
>>-- Reuters @ http://www.alertnet.org/thenews/newsdesk/N11417154.htm
>
>++++++++++
>I see you skipped over the part where the Shrub's approval rating fell
>from a low of 35% to a new low of 31%. Thus, notwithstanding any
>concerns, the voters found the need to pull the rug out from under the
>Shrub to be compelling.
>>

where was the rug pulled out from under him

last i heard he is CinC US I believe next years money is already in
place and surely no congress will dare not fund the army during the
run up to the elctions in 2008

Bush suffered what even REAGUN suffered a a slump at the 6 years mark
it is comon and inndeed used to be considered nromal
>>[Guvf fcnpr erfreirq sbe gur ergneqf gb fcva gur fgbel.]
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2320. Re: float? What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 20:45:22 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <bl0fl2tem22sh5ljg6r5q3e7id4qeel05q@4ax.com>
Source record: 49594

Hi Myles,

Let's just cut to the chase with some selective editing:

On Sun, 12 Nov 2006 16:14:21 GMT, ml <m@di.net> wrote:

>> Any violation of this last rule brings grief.
>> Such violations are legion and few escape.

>(presume my electrical gnd is ok on the aka 3prong plug)

B I N G O !

You have won the traditional violation of the rule. This is the
meaning of "legion," there are many, many, many such examples. Those
who violate this rule are often blindsided by other violations along
the way.

What is the third prong of the 3 prong plug for? Most would say
ground (and be blindsided to the complete term being "safety" ground).
The 3rd prong is not designed to be current carrying in the
conventional sense, only in the safety sense when the neutral wire or
hot wire becomes exposed to the device user (basically forcing a short
circuit that then opens through a blown fuse).

So, you have TWO paths to ground:
1. Through neutral;
2. through safety ground.

The question becomes:
"What is the quality of it being RF ground?"
Answer:
"Neither 1 nor 2 above were ever considered
in those terms. Hence the quality of their being
RF ground is unknown and the presumption of being
poor examples is a reasonable expectation."

The next question becomes:
"Why do I need their ground proximity?"
Answer:
"You don't - unless...."

Unless
1. You are powering off the Mains;
2. Powering off battery that is being recharged off the Mains.

Both numbers 1 & 2 are a frequent blindside to those attempting to
isolate ground loops.

73's
Richard Clark, KB7QHC

2321. Re: Second hand equipment wanted

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 20:55:38 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <45578a4b$0$13753$4fafbaef@reader3.news.tin.it>
Source record: 49595

> Anyone know of someone who may be selling any of the following items ?
>
> Sinad Meter
> RF millivoltmeter or high impedance RF probe
> HP8405A vector voltmeter or similar
> Audio distortion meter
> Tracking generator to suit HP8569B spectrum analyzer
>

I have a good SINAD meter. If item weighs less than 2kg, registered mail to Australia costs 24.5 Euro, currently about 31 US$.

73

Tony I0JX

2322. Re: rf leaks

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 21:11:54 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <v02fl25temr8lkapsh0ci18m20d4jvjeej@4ax.com>
Source record: 49597

On Sun, 12 Nov 2006 16:23:22 GMT, ml <m@di.net> wrote:

>so how does one go about finding out what i did wrong how do you
>trouble shoot? and isolate

Hi Myles,

This, again, goes to issues of ground loops (I bet you're tired of hearing that).

What interference that does not arrive through the air, must arrive through a wire. This second form is by conductance. If you share a conductor, you will also share some of the RF at that common point, especially if that common point is elevated above a true ground.

To understand what it means to "share" a conductor, you have to think outside of the box. Look at your entire home/apartment/building instead of just your rig and the wire to ground. Few ever step far enough back to visualize the complete picture.

In that complete picture, your rig is being powered through a connection to a wall plate that eventually finds its mains connection at a breaker panel. If you were to consider the room (partially outside of the box of rig and ground wire), you can (with x-ray vision) see that conductor behind the wall tracing its way through probably half a dozen other wall plates powering your computer in that room, several lights, perhaps your modem, another charger for your phone (yet another ground loop path to Ma Bell's ground), perhaps a digital clock - need I go on?

If you turn up the x-ray vision to go further outside of the box of rig, ground wire and shack, and look at the home/apartment/building, you might see that conductor winding through the rooms to pick up connections to your furnace control, maybe the door bell transformer, and passing through the living room to power your TV and FM radio (they could be on the opposite side of the wall of your shack). Then after this winding around, it might finally hit the breaker panel. You might also find your Amp is sharing the same panel circuit as the kitchen range or your clothes dryer (more ground loops opportunities there).

If your transmitter's power source is at the far end of that long trail back to the panel, all those connections along the way are sharing the same conduction leakage from your source. It doesn't take much to make your TV image swim with modulation, or for the FM to go screwy, it can also pulse your lights through their sensitive dimmers.

How do you cure this problem of conducted interference?
1. Break the path,
2. Shorten the path,
3. Change the path.

Basically isolate your RF activities to one breaker at the breaker panel. Because all mains powers branch out from this point you are simultaneous doing all three above when you choose one branch and dedicate it to RF.

This requires you to map out every power switch and wall plate in your home back to their breaker in the panel. With this map you are then informed as to which devices might share the RF conduction path, and you can then move either the devices, or the choose another RF path.

A simple test as to the degree of coupling of this conduction interference is to simple choose one device that is especially sensitive. Let's say it is the TV (and by that I mean the display and ALL of its accessories like cable connection, Tivo, VCR, sound system and the rest) and plug it into an extension cord that is in turn plugged into another wall plate on a DIFFERENT branch. This often means a long extension to another room, or better yet, to the outlet nearest to the breaker panel.

This is why curing ground loops is so frustrating.

73's
Richard Clark, KB7QHC

2323. Re: OT...See if SC is dumber than dirt

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 21:12:11 UTC
From: Phil Wheeler <wt6uh-ng7@yahoo.com>
Message-ID: <L6M5h.12987$si3.1202@tornado.socal.rr.com>
Source record: 49596
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

U-Know-Who wrote:
> "Slow Code" <my.mail@no.spam> wrote in message news:cEu5h.5298
>>
>> It's not unwritten policy, it's life. Those that work hardest get most.
>> Unfortunately, a lot of people want only one class. A CB'er like class.
>>
>> You shouldn't have to work for anything, Just like liberalism and the
>> democrats. Those that work hardest get the fruits of their labor punished,
>> those that don't get welfare and handouts.
>>
>> SC
>
> Are you that fucking stupid and simplistic?
>

You need to ask? Where have you been?

Phil

2324. Re: What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 21:35:26 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <0u3fl29st6m3t83qkfbalheq6u514m6jci@4ax.com>
Source record: 49598

On Sun, 12 Nov 2006 19:25:38 -0000, "Dave" <noone@nowhere.com> wrote:

>in context of the message i was replying to the writer implied that rf
>flowed 'into' the earth and that was the end of it, more correctly it could
>be said that rf flows 'through' the earth, but it doesn't dissappear 'into'
>the earth.

Hi Dave,

True, but knowing Bill, I doubt his description was meant to be so
literal as to having current disappear into the earth.

In the sense of RF ground, already described by me earlier, ground is
a pool of infinite charge and as such current into it does disappear.
Otherwise, it would perturb and become less than a ground, its
potential would elevate and that elevation would be in reference to
some other ground.

This is a true picture of the reality of ground as such perturbation
does just this, and is evidenced by local variations of potential to
other "grounds." However, this reduces the discussion to one of
infinite regression and over-qualifies an answer to the primary
question.

>i have been told before that i have very long trains of thought, usually i
>am just trying to be descriptive enough for someone else to follow along...
>and i just like ellipsis.

Up to the ellipsis was fine. The better part of writing is what you
leave behind after you trim off the fat.

>it relates to the common assumption that the radio case, coax shield, and
>other items connected to a common 'ground' are at 'rf ground'. ignoring the
>'earth', there is also the common misconception that things tied together to
>the often discussed 'single point ground' are all 'grounded'... something
>that is not necesssarily true when dealing with rf.

I can follow the argument for concern, but you really don't offer any
context. There are far more examples of grounding working than not;
and your brush has tarred them all equally.

There is the practical answer to the question of RF ground, and there
is the literal answer (or academic, if you prefer). The practical
answer might have the user elevated hundreds of volts above academic
RF ground. That user might never perceive it in any way because the
user may have contrived to build a virtual ground that satisfies all
the requirements for operating without suffering themselves or any one

else.

73's
Richard Clark, KB7QHC

2325. Re: What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 22:08:55 UTC
From: You <You@shadow.orgs>
Message-ID: <You-9088F3.13090512112006@netnews.worldnet.att.net>
Source record: 49599

In article <d7rel21nc77seb603avi6b4i4slgh4vscv@4ax.com>,
Richard Clark <kb7qhc@comcast.net> wrote:

> On Sun, 12 Nov 2006 15:14:49 -0000, "Dave" <noone@nowhere.com> wrote:
>
> >but rf doesn't flow 'into the earth'.
>
> Hi Dave,
>
> That statement is contradiction to the following:
>
> >'ground radials' ... are ... 'sucking' rf out of the ground.
>
> It necessarily follows that RF does flow "into" the earth by your own
> admission of it coming out (by whatever means).
>
> >the 'ground' connection
> >to a radio feeding a dipole is actually returning current from the ground
> >back to the feedpoint via the outside of the coax shield...
>
> Very true. However, the ellipsis (...) elongates a 25 word statement
> into an 118 word run-on sentence:
>
> >that is why you
> >can get high voltages at the radio end of the cable, if too much current is
> >coupled from the antenna onto other conductors connected to 'ground' they
> >will feed current back through the radio 'ground' and out the shield of the
> >feedline to get to the feedpoint, and if you happen to be too close to the
> >antenna or some other object that couples the rf to you then you get burned
> >when the rf from you flows back to the radio when you touch something that
> >is 'grounded'.
>
> If I try to parse the intent of this, it becomes a string of
> assertions held in suspension until the summary that ties them
> together. That never happens. The conclusion:
> > then you get burned
> >when the rf from you flows back to the radio when you touch something that
> >is 'grounded'.
> bears no relation to the matter of currents in the earth - except as a
> consequence to rather perverse conditions.
>
> 73's
> Richard Clark, KB7QHC

In other words..... the guy is so full of shit, his eyes are brown.....

2326. Re: What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 22:24:50 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej871i$16bh$1@news.ndhu.edu.tw>
Source record: 49602

Richard Fry wrote:
> "John Smith" wrote
>>> the 'ground' connection to a radio feeding a dipole is actually
>>> returning current from the ground back to the feedpoint via the
>>> outside of the coax shield.
> _____________
>
> Usually there are good reasons to connect an earth-based tx chassis to
> an earth r-f ground. But if the tx is feeding a dipole or other
> balanced radiator, that radiator doesn't need or use a connection to an
> earth r-f ground to generate its radiation. The current source for one
> side of the dipole is the other side of the dipole.
>
> For example consider airborne VHF tx/rx/antenna systems -- which work
> just fine with no reference to an earth "r-f ground," whatsoever.
>
> RF

Richard:

I have been "short" with some because I suspect they "pull my leg" a bit. I have no problem with the example you cite. However, if someone is at the point where they really need to ask, better for them to be overly cautious and "overly grounded." It would bother me is someone was injured or worse from some oversight of mine, something I was not clear enough on. And yes, I realize that even attempting to avoid such errors, I may make them.

So, we agree...

JS

2327. Re: Large Wire Antenna for 17m

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 22:28:51 UTC
From: Rich <w9juc#comcast.not>
Message-ID: <8IKdndHhSoC_PcrYnZ2dnUVZ_tudnZ2d@comcast.com>
Source record: 49601

Try this
http://www.gopherlink.com/DeltaXray/CustomerComments.html

Rich
**********NN
"Jim Leder" <k8cxm@fuse.net> wrote in message
news:d7cd45421906d0660f9a$26043@FUSE.NET...
> If you can get it high enough, and I assume you can, why not a Delta loop
> with the apex at the bottom? I have tried several different 17 meter
> antennas, but the Delta loop is the best I found. True, it is only
> bi-directional, but mine is NE/SW and works pretty well in those
> directions. I use a Sigma 5 vertical dipole for everything else, but the
> loop is better that the vertical in it's favored directions by a lot.
> I also used a half square on 30 meters, but have since removed it in favor
> of a simple inverted vee. I found the half square, while very effective on
> transmitting, was noisy on receive. The vee 'heard' things better and
> seems just as effective on transmitting. Fortunately, I was able to get
> the vee's apex up to 45 feet. Anything lower than that favors the half
> square on 30. I mention this because I also tried a half square on 17, but
> the loop was MUCH better.
>
> --
> Jim Bob Buckeye
> AKA
> **** Jim Leder****
> K8CXM since 1961
> IBM retiree since 1999
> http://home.fuse.net/k8cxm/
>
>
> "Alan Taylor" <adt1944@hotmail.com> wrote in message
> news:454197c4$1_1@news.iprimus.com.au...
>>I have some space and some high trees. I already use a 400ft doublet with
>>atu for several bands and a 30m half square and get good results. I want
>>to improve my performance on 17m. I am now thinking about a wire antenna
>>with reasonable performance for 17m only. I have thought about a full wave
>>loop, even a bobtail. A broadside array would be great but I am not keen
>>on antennas with reflectors or directors because of the complexity of
>>support ropes. So, really some kind of antenna supported by ropes from two
>>trees would be ideal. Any ideas please?
>>
>> Alan VK6BN
>>
>

>

2328. Re: OT...See if SC is dumber than dirt

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 22:42:22 UTC
From: Not Steve <anon@anon>
Message-ID: <f4siv.nv2.17.1@news.alt.net>
Source record: 49600
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"Phil Wheeler" <wt6uh-ng7@yahoo.com> wrote in message
news:L6M5h.12987$si3.1202@tornado.socal.rr.com...
U-Know-Who wrote:
> "Slow Code" <my.mail@no.spam> wrote in message news:cEu5h.5298
>>
>> It's not unwritten policy, it's life. Those that work hardest get most.
>> Unfortunately, a lot of people want only one class. A CB'er like class.
>>
>> You shouldn't have to work for anything, Just like liberalism and the
>> democrats. Those that work hardest get the fruits of their labor
punished,
>> those that don't get welfare and handouts.
>>
>> SC
>
> Are you that fucking stupid and simplistic?
>

You need to ask? Where have you been?

Phil
\\

"Why should anybody have to work for something? It's like saying they don't
DESERVE it."
Calvin & Hobbes, 1995

2329. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 22:48:39 UTC
From: nm5k@wt.net
Message-ID: <1163371719.824966.17040@k70g2000cwa.googlegroups.com>
Source record: 49603

John Smith wrote:
> nm5k@wt.net wrote:
> > John Smith wrote:
> >
> >> Stupid thing to base time upon really, the rotation of any specific
> >> sphere... Indeed, from such a reference point even the existence of
> >> time, itself, is impossible to prove. Although time IS an effect of
> >> motion, a second is NOT "time." A second only records the speed and
> >> distance an object moves, in a rather round-about-measure.
> > >

> > >
>
> Ahhh. You make me remember my younger years. The world was a much
> simpler place and I knew it all... I really hated to grow up...
>
> JS

Judging from many of your previous posts, I have to wonder if you ever
did.
Why would I remind you of your younger years? I'm a 50 year semi old
fart.
What makes you think a "second" has to involve distance or a certain
speed? I can spend one second sitting in this chair, not moving, or
I can spend it in a car doing 70 mph. A second is still a second.
You disagree that time is infinite? I bet it is. There may be no worlds
left as you know it, and the stars may be in different places, but
"time"
will still be ticking away. Forever and ever and ever.
As far as "knowing it all", who said anything about me knowing
anything?
I'm just giving my opinions on time the way I see it. I may be fairly
close,
or I may be totally wet. But if you don't like my answers, it "time"
for
you to kiss my ass. I don't like a smartass. And your track record for
being one is proven over *time*.
MK

2330. HOW do "dual-band"VHF/UHF antennas work?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 23:11:40 UTC
From: Paladin <kb1ghh@hotmail.com>
Message-ID: <1163373099.813031.23160@m7g2000cwm.googlegroups.com>
Source record: 49604

Hello "Antenna-Lovers",
How do dual-band antennas work? I bought a COMET
"SSB-7" antenna for my mobile radio. It worked great for a year or more
and then,trouble. I don't know "HOW" to trouble-shoot it.
Where on the antenna can I check for "continuity" or somewhere I can
look to find a "fault" of sorts.
It costs a bit more than a lower gain antenna. How can I trouble-shoot
it ?

73's Paladin

2331. Re: New Poll: 69% of Americans fear Dems will impede war on terror

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 23:41:08 UTC
From: David <rickets@knac.com>
Message-ID: <e7cfl2le2ovahd01rg90fg6p6u20vli6ck@4ax.com>
Source record: 49605
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Sun, 12 Nov 2006 19:48:09 +0000 (UTC), Lloyd <lloyd@no.spammmmm>
wrote:

>On Sun, 12 Nov 2006 12:23:01 -0600, cuhulin@webtv.net <cuhulin@webtv.net> wrote:
>> I am a retard.I can't follow up?
>> cuhulin
>
>Maybe it's webtv that won't allow you. Here's an excerpt from the Reuters
>story that the retards couldn't find (it's been all over the Sunday cable
>talkathons too):
>
>"... even more said they were concerned about some of the actions a
>Democratic Congress might take, including 78 percent who were somewhat
>or very concerned that it would seek too hasty a withdrawal of troops
>from Iraq.
>
>"Another 69 percent said they were concerned that the new Congress would
>keep the administration "from doing what is necessary to combat
>terrorism," and two-thirds said they were concerned it would spend too
>much time investigating the administration and Republican scandals."
>
>-- Reuters @ http://www.alertnet.org/thenews/newsdesk/N11417154.htm
>
>[Guvf fcnpr erfreirq sbe gur ergneqf gb fcva gur fgbel.]

It says ''concerned'', not ''afraid''.

2332. Re: New Poll: 69% of Americans fear Dems will impede war on terror

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 23:49:29 UTC
From: jawod <jawod@fuse.net>
Message-ID: <4557B309.4020105@fuse.net>
Source record: 49607
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna

Lloyd wrote:
> In addition, a whopping 78% of Americans are afraid that the Dems will
> cut and run. It seems that the vote was a protest vote and that the
> Dems are still on the wrong side of public opinion. Source: Reuters
> (Look the rest up yourself.)

Can't seem to face the facts of the election, huh?
Why not post this nonsense in one of your neocon cry-in-your-beer
newsgroups and just leave antennas to the rest of us.

I feel your pain. But it doesn't have anything to do with gain ;)

2333. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 23:50:50 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <urO5h.8929$yl4.2593@newssvr12.news.prodigy.com>
Source record: 49606

John Smith wrote:
> You really want to propose that my yardstick grows longer (has no
> relation to human body parts, I am sure! Hmm, could this be possibly be
> desirable?) while my seconds grow shorter?

Both concepts are contained in Lorentz's
transformations.
--
73, Cecil http://www.w5dxp.com

2334. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-12 23:55:48 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <8wO5h.8930$yl4.7744@newssvr12.news.prodigy.com>
Source record: 49608

nm5k@wt.net wrote:
> Time is infinite the way I see it.
> In it's true state, it has no bounderies. In a way, it doesn't
> even exist.

Time falls into a group of concepts "discovered"
by man.

Did time exist before man existed?
Did God exist before man existed?
Did truth exist before man existed?
Did infinity exist before man existed?
The list is virtually endless.
--
73, Cecil http://www.w5dxp.com

2335. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 00:00:31 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <zAO5h.8932$yl4.8772@newssvr12.news.prodigy.com>
Source record: 49609

John Smith wrote:
> The speed the earth rotates at, has changed.

Did seconds exist before the earth existed?
--
73, Cecil http://www.w5dxp.com

2336. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 00:04:58 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej8cta$2etb$1@news.ndhu.edu.tw>
Source record: 49610

nm5k@wt.net wrote:
> John Smith wrote:
>> nm5k@wt.net wrote:
>>> John Smith wrote:
>>>
>>>> Stupid thing to base time upon really, the rotation of any specific
>>>> sphere... Indeed, from such a reference point even the existence of
>>>> time, itself, is impossible to prove. Although time IS an effect of
>>>> motion, a second is NOT "time." A second only records the speed and
>>>> distance an object moves, in a rather round-about-measure.
>
>> Ahhh. You make me remember my younger years. The world was a much
>> simpler place and I knew it all... I really hated to grow up...
>>
>> JS
>
> Judging from many of your previous posts, I have to wonder if you ever
> did.
> Why would I remind you of your younger years? I'm a 50 year semi old
> fart.
> What makes you think a "second" has to involve distance or a certain
> speed? I can spend one second sitting in this chair, not moving, or
> I can spend it in a car doing 70 mph. A second is still a second.
> You disagree that time is infinite? I bet it is. There may be no worlds
> left as you know it, and the stars may be in different places, but
> "time"
> will still be ticking away. Forever and ever and ever.
> As far as "knowing it all", who said anything about me knowing
> anything?
> I'm just giving my opinions on time the way I see it. I may be fairly
> close,
> or I may be totally wet. But if you don't like my answers, it "time"
> for
> you to kiss my ass. I don't like a smartass. And your track record for
> being one is proven over *time*.
> MK
>

At 54 years old, I do believe I am your senior. At 54 my father "acted"
very much like he was 54--it only pleases me you find I do not. And,
don't bother bowing, I know a few college students which are my equal,
and a couple my better, they only suffer from the lack of my experience
("time" on earth you would say--worldly exposure I would say.)

If you wish to prove time to me, or anyone else for that matter, you have but to show me or propose a demonstration/experiment where it can be seen and measured. However, and remember this well, the demonstration/experiment you propose MUST NOT reference movement and/or distance--as that is what I am admitting are the only possible things our clocks CAN measure.

Now, as to your dislike for responses from a "smart ass" like myself, easy to fix, don't act, speak or text like a "dumb ass" and you will NOT experience the former from me...

Regards,
JS

2337. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 00:10:16 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <IJO5h.8936$yl4.5052@newssvr12.news.prodigy.com>
Source record: 49611

Mike Coslo wrote:
> I'd be interested in hearing the arguments though.

Take a look at Lorentz's transformation equations.
The physical dimension increases as velocity *decreases*.
So an increase in a physical dimension doesn't necessarily
imply an increase in velocity. When relativity is involved,
it implies a decrease in velocity. Thus, decreasing
velocity can cause a relativistic red-shift.
--
73, Cecil http://www.w5dxp.com

2338. TS-440SAT vs. AT-180 tuners

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 00:15:32 UTC
From: Zommbee <devarim@hotmail.com>
Message-ID: <L-GdnUqFBs67JMrYnZ2dnUVZ_tCdnZ2d@comcast.com>
Source record: 49612

Hello all,

I have just acquired a Kenwood TS-440Sat (with auto-tuner). My antenna is
about
150' of 'random wire' (of which 60 feet is in my attic, on the way to the
70+feet that is
'in the air'). I want to work all bands (160 - 10). Should I just turn off
the auto-tuner, or use
it in conjunction with my AT-180, which tunes 160m, as the 440-AT does not)
or
just bypass the AT-440 tuner altogether and just use the manual tuner? In
other words,
tune the AT-180, then let the 440-AT take over? Or just use the AT-180 for
160-meters,
and let the AT-440AT tune the rest of the bands (bypassing the AT-180)?

Thanks,

Dave WB7AWK

2339. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 00:16:04 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <8PO5h.8940$yl4.7233@newssvr12.news.prodigy.com>
Source record: 49613

nm5k@wt.net wrote:
> Irv Finkleman wrote:
>> Maybe time has changed over time?
>
> I think that would only be from a humans point of
> view, if that were the case.

Velocity = length/time. Length changes with velocity.
Time changes with velocity. What's wrong with this
picture?
--
73, Cecil http://www.w5dxp.com

2340. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 00:18:14 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <aRO5h.8943$yl4.735@newssvr12.news.prodigy.com>
Source record: 49614

Bill Turner wrote:
> If your mind is set on coax traps, ok, but you might consider
> something different. W9INN uses what he calls a "resonactor" in his
> trap dipoles and I think they are far better. Basically, they are just
> a single layer coil which is carefully trimmed to resonate at the
> desired frequency with its own self-capacitance. There is no other
> capacitance needed. The advantages are two: Very low loss and very
> high power handling capability.

Consider that is a very good description of a resonant
coiled coax choke.
--
73, Cecil http://www.w5dxp.com

2341. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 00:28:07 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <r_O5h.8945$yl4.1986@newssvr12.news.prodigy.com>
Source record: 49615

Owen Duffy wrote:
> As you know, trapped antennas are sometimes explained by considering
> the traps to be equivalent to frequency selective switches that are
> o/c or s/c at certain frequencies of operation, and conveniently
> disregarding the conductors on the outboard side of the o/c switches.

Traps are high-impedance devices at their resonant frequency.
For them to work properly, they need to see a low impedance on
the far side of the trap. If they see a high impedance on the
far side, they cease to be "traps" and become the phase shifting
coils described by Kraus useful in a phased array.
--
73, Cecil http://www.w5dxp.com

2342. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 00:34:39 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <z4P5h.8946$yl4.7735@newssvr12.news.prodigy.com>
Source record: 49616

nm5k@wt.net wrote:
> You disagree that time is infinite? I bet it is.

Time presently comes to a standstill and ceases to
exist in the black hole at the middle of our Milky
Way galaxy.
--
73, Cecil http://www.w5dxp.com

2343. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 00:36:59 UTC
From: jawod <jawod@fuse.net>
Message-ID: <4557BE2B.5090005@fuse.net>
Source record: 49617

>
> Time presently comes to a standstill and ceases to
> exist in the black hole at the middle of our Milky
> Way galaxy.

I thought chewy nougat was in the center of a Milky Way

2344. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 00:40:11 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <4557BEEB.7020208@gmail.com>
Source record: 49618

Cecil Moore wrote:
> John Smith wrote:
>> The speed the earth rotates at, has changed.
>
> Did seconds exist before the earth existed?

Cecil:

Seconds probably came into existence the first time, the first man/woman noticed that sand falling though a narrow opening could be useful in measuring motion and distance (specifically the rotation of the earth in the heavens--is my guess. But, I do admit earlier devices--suns movement, moons movement, heavens movement, movement of the shadow from a stick, etc.)

But, you already knew that... But, if you are speaking of "Universal Time Frame" seconds--I don't believe anyone claims to have detected them--yet, I wonder about the UTF with no formed opinion.

Now, what argument do you propose for me enjoy thinking about?

JS

2345. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 00:47:55 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <4557C0BB.5060304@gmail.com>
Source record: 49619

Cecil Moore wrote:
> John Smith wrote:
>> You really want to propose that my yardstick grows longer (has no
>> relation to human body parts, I am sure! Hmm, could this be possibly
>> be desirable?) while my seconds grow shorter?
>
> Both concepts are contained in Lorentz's
> transformations.

Cecil:

Lorentz would ONLY plug time into an equation because he did NOT know and understand the real workings of the ether, and, strangely enough, the "quaint notion" of earth time can be used (a mixture of movement and distance.) In much the same way, 377 ohms (the impedance of ether) stands for a mathematical term which can be accounted for with NO other term(s), but obviously speaks to some unknown quality/law/property of the ether...

But, once again, you already knew that...

JS

2346. Re: TS-440SAT vs. AT-180 tuners

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 00:52:59 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12lfgfdhklotg96@corp.supernews.com>
Source record: 49620

Zommbee wrote:
> Hello all,
>
> I have just acquired a Kenwood TS-440Sat (with auto-tuner). My antenna is
> about
> 150' of 'random wire' (of which 60 feet is in my attic, on the way to the
> 70+feet that is
> 'in the air'). I want to work all bands (160 - 10). Should I just turn off
> the auto-tuner, or use
> it in conjunction with my AT-180, which tunes 160m, as the 440-AT does not)
> or
> just bypass the AT-440 tuner altogether and just use the manual tuner? In
> other words,
> tune the AT-180, then let the 440-AT take over? Or just use the AT-180 for
> 160-meters,
> and let the AT-440AT tune the rest of the bands (bypassing the AT-180)?
>
> Thanks,
>
> Dave WB7AWK
>
>
Dave

I would recommend not using the TS-440SAT tuner. It is only configured
for a very small range of tuning. The AT-180 is designed for a much
greater range of tuning mismatch.

Dave WD9BDZ

2347. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 01:01:52 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <4uP5h.8948$yl4.3764@newssvr12.news.prodigy.com>
Source record: 49621

John Smith wrote:
> Now, what argument do you propose for me enjoy thinking about?

Consider that time is an illusion invented by man
and that what we experience as passing time is
simply change. One second is literally the *change*
in rotation of the earth by a physical one second.
That's all there is to the concept of time.
--
73, Cecil http://www.w5dxp.com

2348. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 01:09:31 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <4557C5CB.9070606@gmail.com>
Source record: 49622

Cecil Moore wrote:
> John Smith wrote:
>> Now, what argument do you propose for me enjoy thinking about?
>
> Consider that time is an illusion invented by man
> and that what we experience as passing time is
> simply change. One second is literally the *change*
> in rotation of the earth by a physical one second.
> That's all there is to the concept of time.

Exactly, I love to argue, but when you are right, you are right.

I am sure our next argument is just coming to the horizon.

JS

2349. Re: OT...See if SC is dumber than dirt

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 01:23:30 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <mOP5h.11114$rG.3346@tornado.texas.rr.com>
Source record: 49623
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

<Mark@kb9rqz.aprs> wrote in message
news:t1rel2ph9u4ff3qigbv9die7n7ptbhln8k@4ax.com...
> On Sun, 12 Nov 2006 15:27:18 GMT, "U-Know-Who" <no-one@nowhere.com>
> wrote:
>
>>
>>"Slow Code" <my.mail@no.spam> wrote in message news:cEu5h.5298
>>>
>>>
>>> It's not unwritten policy, it's life. Those that work hardest get most.
>>> Unfortunately, a lot of people want only one class. A CB'er like class.
>>>
>>> You shouldn't have to work for anything, Just like liberalism and the
>>> democrats. Those that work hardest get the fruits of their labor
>>> punished,
>>> those that don't get welfare and handouts.
>>>
>>> SC
>>
>>Are you that fucking stupid and simplistic?
>>
>>Here's just one point, and of course, as usual, you'll have no legitimate
>>reply:
>>
>>Minimum wage. The GOP states that if the minimum wage is increased, the
>>cost
>>of everything will rise. Probably so. Of course keeping it low means that
>>things will cost less, right? Let me see, if we give people a wage that
>>they
>>can live on, we'll have less people getting welfare, right? Sure, the cost
>>of a hamburger may go up, but then again, I don't actually need a
>>hamburger,
>>so I can live with that. And the taxpayers will be getting a break in the
>>form of less people on welfare. That benefits me and you, right. Stick
>>with
>>me here SC, I know this thinking for yourself stuff is hard for you, but
>>I'll try to take it SLOW. These same people will have more cash to spend,
>>so
>>that helps the economy, right? So, if you and I benefit from an increase
>>in
>>minimum wage, who loses? Well, it appears big business does, doesn't it?
>>They are the ones reaping the benefits of low labor costs, while at the
>>same

>>time raping you and I because their employees cannot sustain themselves
>>because of an artificially low labor cost.
>>
>>This is just one point, SC. I know you're out of your league debating, but
>>do you care to try to dispel this fact?
>>
> well small busness hurts more in mimium wage hike than big Busness Big
> bussness being big has more ways of writing of anf otherwise sticking
> the reuslts of the wage increase to Goovt and derectly to rest of us
> than small bussness
>
> Not saying I am opposed to rasing the wage but and that done with care
> it certainly can be good for the economy but your detail are off Tom

Again, you prove my contention that you are indeed a moron. If small business cannot afford to pay minimum wage, then I don't want to subsidize them either. They need to find another line of work, or go to work for someone that can afford to pay minimum wage. Yes, things will cost more. BFD, people will make more, and fewer people will choose to sit on their asses and hold their hands out.

2350. Explain picture of antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 01:31:51 UTC
From: amdx <amdx@knology.net>
Message-ID: <30569$4557caba$45011502$9593@KNOLOGY.NET>
Source record: 49624

I have posted a picture on abse of the antenna connection of a cordless phone.

I have labels, A B and C and an insert of the antenna.

A is where the antenna is soldered, B is an inductor.

What is C?

Note I have removed a shield cover and edited out a shield edge

that crosses at the blue arrow. (Shield edge can be seen in insert.)

This is from a cordless phone that transmits on 900 Mhz and

receives on 5.8Ghz.

Mike

2351. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 02:10:55 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej8k9g$2vfc$1@news.ndhu.edu.tw>
Source record: 49625

Cecil Moore wrote:
> John Smith wrote:
>> You really want to propose that my yardstick grows longer (has no
>> relation to human body parts, I am sure! Hmm, could this be possibly
>> be desirable?) while my seconds grow shorter?
>
> Both concepts are contained in Lorentz's
> transformations.

Cecil:

I have wondered on some of your thoughts. Let me attempt to kludge together an example to show how so:

For one example, the same amateurs which accept the notion of "eternity" and therefore time--a method to measure it and know-of-it by, without question, will also argue that a box in space contains ABSOLUTELY nothing; yet, they claim time exists and the box which contains nothing is being held subject to times qualities and laws. However, an argument could be made, what sense would time make if it measured nothing, indeed, how could time possibly exist as we think of it (can occur without need for motion and/or distance?) If you were in that box time itself would cease to exist and but obviously we have been there and our notion of time does NOT stop, but then, that only proves movement and distance...

The point being, time CANNOT exist AND a box in space be TRULY/ABSOLUTELY empty. If you believe in time, you already have made an argument for the ether. (However, no "proof" is absolutlely established, as time could exist AND the box can contain ether, which is the crux of it all...)

Imagine the "empty box" out in space, a VERY LONG time ago, and a bunch of minds are around it arguing if it is truly empty or not. Then imagine the big bang theory is not only possible, but it happens right before your eyes in the space contained within the box (empty space), would those minds still be arguing about the ether being impossible, what "clock" would they have timed that bang with?

What say you?

JS

2352. Re: OT...See if SC is dumber than dirt

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 02:14:43 UTC
From: Mark@kb9rqz.aprs
Message-ID: <gvkfl254srbme1036rf2s1ash18f69ge2p@4ax.com>
Source record: 49526
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Mon, 13 Nov 2006 01:23:30 GMT, "U-Know-Who" <no-one@nowhere.com>
wrote:

>
><Mark@kb9rqz.aprs> wrote in message
>news:t1rel2ph9u4ff3qigbv9die7n7ptbhln8k@4ax.com...
>> On Sun, 12 Nov 2006 15:27:18 GMT, "U-Know-Who" <no-one@nowhere.com>
>> wrote:
>>
>>>
>>>"Slow Code" <my.mail@no.spam> wrote in message news:cEu5h.5298
>>>>
>>>>
>>>> It's not unwritten policy, it's life. Those that work hardest get most.
>>>> Unfortunately, a lot of people want only one class. A CB'er like class.
>>>>
>>>> You shouldn't have to work for anything, Just like liberalism and the
>>>> democrats. Those that work hardest get the fruits of their labor
>>>> punished,
>>>> those that don't get welfare and handouts.
>>>>
>>>> SC
>>>
>>>Are you that fucking stupid and simplistic?
>>>
>>>Here's just one point, and of course, as usual, you'll have no legitimate
>>>reply:
>>>
>>>Minimum wage. The GOP states that if the minimum wage is increased, the
>>>cost
>>>of everything will rise. Probably so. Of course keeping it low means that
>>>things will cost less, right? Let me see, if we give people a wage that
>>>they
>>>can live on, we'll have less people getting welfare, right? Sure, the cost
>>>of a hamburger may go up, but then again, I don't actually need a
>>>hamburger,
>>>so I can live with that. And the taxpayers will be getting a break in the
>>>form of less people on welfare. That benefits me and you, right. Stick
>>>with
>>>me here SC, I know this thinking for yourself stuff is hard for you, but
>>>I'll try to take it SLOW. These same people will have more cash to spend,
>>>so
>>>that helps the economy, right? So, if you and I benefit from an increase

>>>in
>>>minimum wage, who loses? Well, it appears big business does, doesn't it?
>>>They are the ones reaping the benefits of low labor costs, while at the
>>>same
>>>time raping you and I because their employees cannot sustain themselves
>>>because of an artificially low labor cost.
>>>
>>>This is just one point, SC. I know you're out of your league debating, but
>>>do you care to try to dispel this fact?
>>>
>> well small busness hurts more in mimium wage hike than big Busness Big
>> bussness being big has more ways of writing of anf otherwise sticking
>> the reuslts of the wage increase to Goovt and derectly to rest of us
>> than small bussness
>>
>> Not saying I am opposed to rasing the wage but and that done with care
>> it certainly can be good for the economy but your detail are off Tom
>
>Again, you prove my contention that you are indeed a moron.

Funny how every in the felid who knows aboutt he economy agrees with
me
>If small
>business cannot afford to pay minimum wage, then I don't want to subsidize
>them either.

you anyway indeeed the entire tax code is built around it the poblems
is the steady small infaltion means the balcances keep geting thrown
out of whack

and what happens is the small bussness simply finds ways of making do
with less labour not go out of bussenss and thus with out some type of
subisdy small bussness which creates most of thejobs reduces
employment negating any benifit to the economy as a whole

> They need to find another line of work, or go to work for
>someone that can afford to pay minimum wage. Yes, things will cost more.
>BFD, people will make more, and fewer people will choose to sit on their
>asses and hold their hands out.

no if not done fewer people end up working at all they get higher pay
and a grater unemployment and MORE people with thier hands out becomes
the case if the mimimun wage is simply increased without adgements to
busness taxation and the rest which is what the President has proposed
in the past and may be able to out through since pelousis will want
some acheivement to point to in the next election cycle
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2353. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 02:15:33 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12lflalhe8554ff@corp.supernews.com>
Source record: 49527

Owen Duffy wrote:
>
> Sure. I should have mentioned that after trying NEC models to get a
> low VSWR solution for just two bands (one twice the frequency of the
> other) I gave up figuring that it was likely that an ATU would be
> needed in any case, and the traps were just an unnecessary
> complication.
>
> As you know, trapped antennas are sometimes explained by considering
> the traps to be equivalent to frequency selective switches that are
> o/c or s/c at certain frequencies of operation, and conveniently
> disregarding the conductors on the outboard side of the o/c switches.
> It is a simplistic view, it does not lead to a design that works, nor
> does it explain designs that do work, but it remains the most popular
> explanation to be heard on air in my experience.

Yes, I'm afraid that's true.

I try to avoid simplified explanations just because people forget that's what they are, and begin treating them like fact. A good example is the recent thread about there being two "theories" of ground plane operation, one being the simplified explanation of operation as an "image". (I still remember an April magazine article in which the author began with the popular and common "image" idea to explain the operation of a grounded vertical. Then he proposed drilling a hole in the ground and putting the vertical there, fed at ground level. This, he said, resulted in the "image" being above the ground. The perfect stealth antenna! Anyone who knows where this appeared -- must have been around the '60s -- would do me a favor by letting me know. I'd love to read it again. I've searched the entire collections of QST and HR to no avail.)

But back to traps. Trap operation is indeed a lot more complicated than most people realize. I was recently contacted by a puzzled EZNEC customer who saw a situation where a trap had very little effect. He had put the traps where the current was normally very low, so of course the traps did little. Plenty of current was being induced in the wire beyond the trap by mutual coupling from the field produced by current on the wire on inside of the trap, whether the trap was there or not.

The simplified idea of a trap as a short circuit on other bands also leads to bad decisions. On any frequency band below its resonant frequency, it acts like a loading inductor; on bands above resonance, like a capacitor. It's common to see more loss on the lower frequency bands where the trap is a loss inductor than at the trap's resonant band.

Modeling makes it easy to find out what works well and what doesn't for
a given application. But of course, you have to know the trap's L, C, and R.

Roy Lewallen, W7EL

2354. Re: What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 02:26:50 UTC
From: Wayne <mygarbagecan@verizon.net>
Message-ID: <KJQ5h.2723$T_.615@trndny06>
Source record: 49528

"John Smith" <assemblywizard@gmail.com> wrote in message
news:ej615k$1feo$1@news.ndhu.edu.tw...
> Wayne wrote:
>> "John Smith" <assemblywizard@gmail.com> wrote in message
>> news:ej569k$na9$1@news.ndhu.edu.tw...
>>> David wrote:
>>>> What would you define RF ground as? There seem to be a lot of different
>>>> ideas.
>>> David:
>>>
>>> Ground can be a relative thing. What I have always found to be good
>>> advice is that EVERY ground, at some point, be allowed to reach a low
>>> ohmic earth ground (best possible if it all occurs at the exact same
>>> earth ground point--or no current flows and there is no voltage
>>> potential between such grounds.) For example, although a dipole needs
>>> no rf ground directly at the point it connects to the feed-line, the rig
>>> hooked to such an antenna and feed-line should be given a good earth
>>> ground.
>>> <snip>
>>
>>> Regards,
>>> JS
>>
>> When you refer to hooking the rig/dipole to a good earth ground, are you
>> still talking about an rf ground, or a safety ground?
>> I see no requirement to connect a nicely matched dipole to an earth
>> ground for rf purposes. For example, a battery operated transmitter
>> feeding a dummy load wouldn't need one either.
>
> Wayne:
>
> Both. Only a dummy would think he needed an rf ground for a watt burner
> of proper impedance.
>
> However, there always is that "special case;" if the nitwit was running a
> kw off a forklift battery, he just might want that rf ground.
>
> JS

Well, my question is in the context of rf ground being a function of the
antenna subsystem. It wasn't clear why you recommend use of a transmitter
rf ground, if the antenna system doesn't require it. Yes, I would run some
sort of rf ground at the rig if I were using a random wire fed with a tuner
in the shack, because the antenna system requires it.

My own setup is a ground mounted vertical with a modest 10 foot diameter ground system. The "rf ground" is at the base of the antenna (as is a separate lightning ground). The shack is on the second floor, and has only a safety ground at the rig.

2355. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 02:34:04 UTC
From: "C. J. Clegg" <reply.in.group@nospam.no>
Message-ID: <pan.2006.11.13.02.34.01.674376@nospam.no>
Source record: 49529

On Sat, 11 Nov 2006 15:11:14 -0800, sailtamarack wrote:

> You can design the antenna and the coils using Hamcalc.

Thanks for pointing me in that direction. That program is a goldmine!

Also thanks to everyone else for their advice.

I looked at rfparts.com for suitable capacitors for these traps (assuming I don't go the coax trap route), and I gotta say, they sure are proud of their capacitors ... $16+ for each 5 KV doorknob capacitor.

For a dual-band 80m/40m dipole using resonant traps, how can I figure out the capacitor voltage rating I need for each power level?

This antenna is never going to be used over 200 watts and rarely over 100 watts, in fact it's probably going to spend most of its life around 10 watts or less (FT-817 / IC-703).

2356. Re: What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 02:45:59 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ej8mb8$1jvs$1@news.ndhu.edu.tw>
Source record: 49530

Wayne wrote:
> "John Smith" <assemblywizard@gmail.com> wrote in message
> news:ej615k$1feo$1@news.ndhu.edu.tw...
>> Wayne wrote:
>>> "John Smith" <assemblywizard@gmail.com> wrote in message
>> JS
>
> Well, my question is in the context of rf ground being a function of the
> antenna subsystem. It wasn't clear why you recommend use of a transmitter
> rf ground, if the antenna system doesn't require it. Yes, I would run some
> sort of rf ground at the rig if I were using a random wire fed with a tuner
> in the shack, because the antenna system requires it.
>
> My own setup is a ground mounted vertical with a modest 10 foot diameter
> ground system. The "rf ground" is at the base of the antenna (as is a
> separate lightning ground). The shack is on the second floor, and has only
> a safety ground at the rig.
>

Wayne:

I see...

An antenna design requiring a system of underground ground radial(s) to
function correctly (or at least as designed), (or, for that matter,
above ground radial(s) running though bushes) would only be a "complete
antenna" if such were taken for granted had already been installed
(meaning the "rf ground-establishing" radials.)

And, if there were any chance at all I would be running a kw, and
touching both the ground radials and the ground at the same time AND
wanted to cover all special case/weird/worst-possible-cases (and I do
propose everyone should plan on this)... I would provide a nice low
ohmic earth ground for such radials (possibly useful for safety only.)
But then I am a sissy and find rf burns painful.

I didn't realize you were asking me, "If the guy has only installed half
of the antenna, should he install the "other half?" The answer to that
is all too obvious.

Yanno, those trick questions always throw me!

Regards,
JS

2357. Re: HOW do "dual-band"VHF/UHF antennas work?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 03:04:55 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1163387095.744553.282830@m73g2000cwd.googlegroups.com>
Source record: 49531

Dual-band mobile antennas in general have some phasing network that allows the antenna to have a good radiation pattern (gain at the horizon) on both bands.

They also need to have impedance matching on both bands.

Unfortunately, there's nothing universal about dual-band designs as far as continuity or shorts or anything like that. Additionally, a search on "Comet SSB-7" brings up some fairly unfavorable eHam reviews, many of which mention DOA antennas, having to get replacements twice, etc.

There's not much you can do without knowing all the specifics about the design, even then it would be tough to fix whatever's wrong; something you can do is to check are the coax continuity to the NMO mount you're using.

Dan

2358. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 03:05:38 UTC
From: "C. J. Clegg" <reply.in.group@nospam.no>
Message-ID: <pan.2006.11.13.03.05.36.692056@nospam.no>
Source record: 49532

You guys sure are way beyond me in antenna and trap theory. :-)

I probably neglected to mention earlier, but this antenna is for portable operation in the field on 75 and 40 (none of the other bands are needed), so it needs to be easy to put up and take down and easily transportable, also fairly rugged so things like airwound coils waving in the breexe with ceramic insulators inside the coil probably won't work; instead the coils will probably have to be tightly wound around small lengths of PVC pipe and lacquered in to place.

I need to build several of these antennas (at least 10, I think, perhaps more), and so $16+ each for doorknob capacitors from places like rfparts.com isn't likely to be practical. That reason, along with ease of construction (and now ease of design with programs like Hamcalc around) is why I have been leaning towards coax traps.

The bandwidth (of the traps or of the antenna itself) is not important and so high Q and narrow bandwidth is OK.

Power levels will be low, never more than 200 watts and probably never more than 100 watts, and often around 10 watts.

If you guys say coax traps are a sub-optimal approach I'll take your word for it.

But, the things you all are saying about traps coming with a lot of baggage that no one ever thought of is making me nervous. :-)

It's not exactly a new concept, trap antennas have been used with great success for what, 80+ years now?

If I forget the coax trap idea and go with a resonant coil-and-capacitor approach on, say, a 1.5" coil form (which Hamcalc seems reasonably happy with after warning me that 2" was too big and 1" was too small), what should I look out for?

2359. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 03:34:37 UTC
From: Mike Coslo <mremovethiscoslo@adelphia.net>
Message-ID: <jfWdnbaukb5XesrYnZ2dnUVZ_oqdnZ2d@comcast.com>
Source record: 49533

Cecil Moore wrote:
> Mike Coslo wrote:
>
>> I'd be interested in hearing the arguments though.
>
>
> Take a look at Lorentz's transformation equations.
> The physical dimension increases as velocity *decreases*.
> So an increase in a physical dimension doesn't necessarily
> imply an increase in velocity. When relativity is involved,
> it implies a decrease in velocity. Thus, decreasing
> velocity can cause a relativistic red-shift.

Are you talking about displacement when you refer to physical dimension?

- 73 de Mike KB3EIA -

2360. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 03:42:29 UTC
From: Mike Coslo <mremovethiscoslo@adelphia.net>
Message-ID: <atOdnRq9HJY_dMrYnZ2dnUVZ_vydnZ2d@comcast.com>
Source record: 49534

Cecil Moore wrote:

> Time falls into a group of concepts "discovered"
> by man.
>
> Did time exist before man existed?
> Did God exist before man existed?
> Did truth exist before man existed?
> Did infinity exist before man existed?
> The list is virtually endless.

Did Endless lists exist before man existed? ;^)

- 73 de Mike KB3EIA -

2361. Re: HOW do "dual-band"VHF/UHF antennas work?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 04:13:03 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <FgS5h.17045$GU5.11397@bignews8.bellsouth.net>
Source record: 49535

<n3ox.dan@gmail.com> wrote in message
news:1163387095.744553.282830@m73g2000cwd.googlegroups.com...
> Dual-band mobile antennas in general have some phasing network that
> allows the antenna to have a good radiation pattern (gain at the
> horizon) on both bands.
>
> They also need to have impedance matching on both bands.
>
> Unfortunately, there's nothing universal about dual-band designs as far
> as continuity or shorts or anything like that. Additionally, a search
> on "Comet SSB-7" brings up some fairly unfavorable eHam reviews, many
> of which mention DOA antennas, having to get replacements twice, etc.
>
> There's not much you can do without knowing all the specifics about the
> design, even then it would be tough to fix whatever's wrong; something
> you can do is to check are the coax continuity to the NMO mount you're
> using.
>
> Dan
>
My Comet antenna went bad too, for grins and giggles I hooked my 2M radio up to my CB antenna . SWR was good I hit all the local repeaters, Have tried it on UHF and it works there too. Probably far from optimum performance but I cant tell a lot of difference between it and the 2m half wave I have used. 1 antenna 3 bands. It works for me. What I think is going on is the bottom hald of the center loaded CB antenna is about the right length for a 1/4 wl 2m antenna with the loading coil acting pretty much like a choke on 2m and 432. On UHF it probably looks lie a 3/4 wl antenna. Losses in the cable probably help the match to the radio. What the heck , it works.

2362. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 04:38:46 UTC
From: harold@hallikainen.com
Message-ID: <1163392725.986080.207060@k70g2000cwa.googlegroups.com>
Source record: 49536
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

Motors with brushes are "incidental radiators" according to the FCC. I believe PWM or variable frequency drive motors would be considered "unintentional radiators" in that they intentionally generate a radio frequency (9 kHz to 3,000,000MHz) but do not intend to radiate it. (see definitions at http://www.hallikainen.com/FccRules/2007/15/3/).

Incidental radiators must use good engineering practice to minimize interference (see http://www.hallikainen.com/FccRules/2007/15/13/).

Digital devices (I think motor control systems qualify as digital devices) in appliances are exempt from the emission limits for unintentional radiators (see http://www.hallikainen.com/FccRules/2007/15/103/), though the user must cease operation if the FCC finds it is causing interference.

2363. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 04:44:36 UTC
From: Oscar_Lives <nospam@nospam.net>
Message-ID: <UKS5h.278091$1i1.256793@attbi_s72>
Source record: 49537
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

"Noon-Air" <Noon-Air@comcast.net> wrote in message
news:_uGdncbT8IukQ8jYnZ2dnUVZ_rWdnZ2d@comcast.com...
>
> "Dave" <W1MCE@comcast.net> wrote in message
> news:3pKdnWyeNpLsSMjYnZ2dnUVZ_umdnZ2d@comcast.com...
>> Noon-Air wrote:
>>
>> SNIPPED
>>>
>>> As Jake said.... with the addition of....
>>> Make sure that you have proper earth grounds for your power, and the HAM
>>> rigs/shack. That will go a long way towards eliminating RFI. Make sure
>>> that all the bonding screws in the furnace are clean and tight, make
>>> sure that the furnace has a proper ground also.
>>> When I put the shack together, I drove a seperate 8ft copper ground rod,
>>> and silver brazed #6 solid copper to it, then silver brazed the wire to
>>> the copper ground buss on the back of the bench. All equipment
>>> grounded.....no problem.
>>>
>>> de n6ojn
>>>
>>>
>>
>> As you describe your setup it does meet USA National Electrical Code.
>> Your home should have ONLY one earth connection, not two!
>
> Actually as I live in a lightening prone area, my home has several earth
> grounds as do most of the other buildings in the area.
>
>> As you describe it, your house presumably has the electrical service
>> panel grounded to an 8 feet long ground rod where the service enters the
>> house.
>
> The main service panel has 2 ground rods tied to the same buss, The TV
> cable entrance has a seperate earth ground, as does the telephone
> entrance, and the sub panel in the garage.
>
>>You seem to have added a second 8 feet ground rod to your home
>>specifically for the Ham station.
>
> Yes and that one too.
>
>> Check with a local electrician for specific compliance issues.

>
> done did... the sparky is the one that put the extra rods in for the
> service entrance and the garage sub panel, and the city inspector signed
> off on it.
>
>> /s/ DD
>>

You bonded all the grounds, eh?

2364. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 05:08:13 UTC
From: Noon-Air <Noon-Air@comcast.net>
Message-ID: <ZfudnSwahewgYMrYnZ2dnUVZ_u-dnZ2d@comcast.com>
Source record: 49538
Cross-posted to: alt.home.repair,rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.hvac

"Oscar_Lives" <nospam@nospam.net> wrote in message
news:UKS5h.278091$1i1.256793@attbi_s72...
>
> "Noon-Air" <Noon-Air@comcast.net> wrote in message
> news:_uGdncbT8IukQ8jYnZ2dnUVZ_rWdnZ2d@comcast.com...
>>
>> "Dave" <W1MCE@comcast.net> wrote in message
>> news:3pKdnWyeNpLsSMjYnZ2dnUVZ_umdnZ2d@comcast.com...
>>> Noon-Air wrote:
>>>
>>> SNIPPED
>>>>
>>>> As Jake said.... with the addition of....
>>>> Make sure that you have proper earth grounds for your power, and the
>>>> HAM rigs/shack. That will go a long way towards eliminating RFI. Make
>>>> sure that all the bonding screws in the furnace are clean and tight,
>>>> make sure that the furnace has a proper ground also.
>>>> When I put the shack together, I drove a seperate 8ft copper ground
>>>> rod, and silver brazed #6 solid copper to it, then silver brazed the
>>>> wire to the copper ground buss on the back of the bench. All equipment
>>>> grounded.....no problem.
>>>>
>>>> de n6ojn
>>>>
>>>>
>>>
>>> As you describe your setup it does meet USA National Electrical Code.
>>> Your home should have ONLY one earth connection, not two!
>>
>> Actually as I live in a lightening prone area, my home has several earth
>> grounds as do most of the other buildings in the area.
>>
>>> As you describe it, your house presumably has the electrical service
>>> panel grounded to an 8 feet long ground rod where the service enters the
>>> house.
>>
>> The main service panel has 2 ground rods tied to the same buss, The TV
>> cable entrance has a seperate earth ground, as does the telephone
>> entrance, and the sub panel in the garage.
>>
>>>You seem to have added a second 8 feet ground rod to your home
>>>specifically for the Ham station.
>>

>> Yes and that one too.
>>
>>> Check with a local electrician for specific compliance issues.
>>
>> done did... the sparky is the one that put the extra rods in for the
>> service entrance and the garage sub panel, and the city inspector signed
>> off on it.
>>
>>> /s/ DD
>>>
>
>
> You bonded all the grounds, eh?

no, the RF grounds are not bonded to the power grounds.

2365. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 05:22:25 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <luufl2t95vl8fe25o7sujal46ftlupjomh@4ax.com>
Source record: 49539

On Sun, 12 Nov 2006 22:05:38 -0500, "C. J. Clegg"
<reply.in.group@nospam.no> wrote:

>
>You guys sure are way beyond me in antenna and trap theory. :-)
>
>I probably neglected to mention earlier, but this antenna is for portable
>operation in the field on 75 and 40 (none of the other bands are needed),
>so it needs to be easy to put up and take down and easily transportable,
>also fairly rugged so things like airwound coils waving in the breexe with
>ceramic insulators inside the coil probably won't work; instead the coils
>will probably have to be tightly wound around small lengths of PVC pipe
>and lacquered in to place.
>
>I need to build several of these antennas (at least 10, I think, perhaps
>more), and so $16+ each for doorknob capacitors from places like
>rfparts.com isn't likely to be practical. That reason, along with ease of
>construction (and now ease of design with programs like Hamcalc around) is
>why I have been leaning towards coax traps.
>
>The bandwidth (of the traps or of the antenna itself) is not important and
>so high Q and narrow bandwidth is OK.
>
>Power levels will be low, never more than 200 watts and probably never
>more than 100 watts, and often around 10 watts.
>
>If you guys say coax traps are a sub-optimal approach I'll take your word
>for it.
>
>But, the things you all are saying about traps coming with a lot of
>baggage that no one ever thought of is making me nervous. :-)
>
>It's not exactly a new concept, trap antennas have been used with great
>success for what, 80+ years now?
>
>If I forget the coax trap idea and go with a resonant coil-and-capacitor
>approach on, say, a 1.5" coil form (which Hamcalc seems reasonably happy
>with after warning me that 2" was too big and 1" was too small), what
>should I look out for?
>

When you make your mind up about the MAXIMUM operating power level,
you will be in a better position to finalise the design. Capacitors
are likely to fail if you exceed their voltage at all, not for 90% of
the time, or 10% of the time, but at all, and in microseconds.

If you design a 75/40m trapped antenna, and place the trap resonance away from 40m band (in fact any other operating frequencies), you will reduce the voltage impressed on the trap. At low power levels, you may well be able to use a capacitor or stack rated for around 1000V which will come a lot cheaper and a lot lighter than a doorknob.

But, as Roy has told you, they don't fall into place. The question is whether "hamcalc" will allow you to design with sufficient freedom and rate the operating voltage on the traps. The technique of modelling the proposed design will reveal the voltage expected across the traps, so long as your estimates of the trap parameters are sufficiently accurate.

It might be safer to copy a published design rather than looking for design tools that might not be rock solid.

I cannot offer you a proven design, the thing that I use is pretty low tech, it is an 80m dipole with insulators in the middle of each leg and wander leads to switch between a 40m half wave and 80m half wave.

Owen
--

2366. Re: Trane furnace radio/TV interference

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 05:32:25 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <050gl2teh20430u67fuhih5o5e1panj5i5@4ax.com>
Source record: 49540

On 12 Nov 2006 20:38:46 -0800, harold@hallikainen.com wrote:

>Motors with brushes are "incidental radiators" according to the FCC. I
>believe PWM or variable frequency drive motors would be considered
>"unintentional radiators" in that they intentionally generate a radio
>frequency (9 kHz to 3,000,000MHz) but do not intend to radiate it. (see
>definitions at http://www.hallikainen.com/FccRules/2007/15/3/).

And Part 15 limits the emissions from Unintentional Radiators, but the
limits are so high as to be of almost no protection to
radiocommunications within a hundred of metres or more of the emission
source.

Owen
--

2367. Re: What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 05:33:15 UTC
From: AC7PN <brunius@rockisland.com>
Message-ID: <1163395995.299679.324430@e3g2000cwe.googlegroups.com>
Source record: 49541

David wrote:
> What would you define RF ground as? There seem to be a lot of different
> ideas

An ideal RF ground is a point or node where RF current can be imposed
and the result is no change in RF potential (voltage). That is to say
the impedance is zero. All real world implimentations of "RF ground"
are less than perfect as measured by their real world impedance.

2368. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 08:28:02 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12lgb533qql397d@corp.supernews.com>
Source record: 49542

C. J. Clegg wrote:
> . . .
> If you guys say coax traps are a sub-optimal approach I'll take your word
> for it.
>
> But, the things you all are saying about traps coming with a lot of
> baggage that no one ever thought of is making me nervous. :-)
>
> It's not exactly a new concept, trap antennas have been used with great
> success for what, 80+ years now?

The coax trap is a relatively new idea. I don't think it was around until the '70s. They definitely have their place, being cheap, simple, and rugged. And the loss is minimal in a lot of cases. Note, however, that there are two ways of connecting the coax. In one, the center of one end of the coax is left open. In the other, the shield of one end is connected to the center conductor of the other, and the two remaining ends are the external connections to the trap. The latter method gives an L/C ratio that's generally more favorable.

As for the "great success", almost no amateur is able to tell when he's getting a couple of dB loss, which is about what you typically get with an unfortunate trap/band combination. I've mentioned that this is what happens and how I've avoided it, but most people happily accept it, if it happens, without worry. Each to his own.

> If I forget the coax trap idea and go with a resonant coil-and-capacitor
> approach on, say, a 1.5" coil form (which Hamcalc seems reasonably happy
> with after warning me that 2" was too big and 1" was too small), what
> should I look out for?

For your application, I'd probably use coax traps. Using a separate coil and capacitor aren't a guarantee against loss. Even a pretty good trap can introduce a fair amount of loss if it ends up looking like a big inductor in the wrong place in an antenna on a band below the trap's resonant band. Or if you put it in a point where there's an extreme high voltage between the ends on the band where it's resonant. Without the ability to measure trap characteristics and do some modeling, what you end up with will be determined entirely by luck. But as I said, you probably won't notice the difference anyway.

Roy Lewallen, W7EL

2369. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 09:06:44 UTC
From: "Alun L. Palmer" <elektros@yahoo.com>
Message-ID: <Xns987A29CB3641Eelektrosmdonet@217.22.228.20>
Source record: 49543
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

X-rated Vermonter <k1xvnospam@arrl.net> wrote in
news:3uucl2t9o653q45tlhssk5goil7kc8fa20@4ax.com:

> On Sun, 12 Nov 2006 01:18:49 GMT, Slow Code <my.mail@no.spam> wrote:
>
> Why don't you go learn Morse in Arabic so you can spend your spare
> time looking to intercept terrorist messages?
>

ROTFLMAO!

At least then he would stop bothering the rest of us!

2370. Re: my knew blog

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 10:41:46 UTC
From: Demon Lord of Confusion <verwarring@verwirren.confused>
Message-ID: <pan.2006.11.13.10.41.37.997282@verwirren.confused>
Source record: 49544
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.usenet.kooks

On Sun, 12 Nov 2006 13:40:48 -0500, an old freind attempted to confuse
the issue further by squeaking:

> it about woger

You know, I don't think I've ever encountered another group that was
literally almost entirely composed of RL stalkers.

--

____
Hail Eris! mhm 29x21; TM#5; COOSN-029-06-71069
The God of Odd Statements, the Ugliest Pigfucker In The Universe
Stupidity Takes Its Toll. Please Have Exact Change.

If you never read anything else in any of my sigs, read this:
http://www.msnbc.msn.com/id/15321167/
http://borealin.livejournal.com/15104.html
Or watch it here:
http://www.youtube.com/watch?v=uqxmPjB0WSs
Then, if you manage to read/watch all that, try this:
http://www.newamericancentury.org/RebuildingAmericasDefenses.pdf
And Molly Ivins had a few choice words to say about it, weeks before:
http://www.truthout.org/docs_2006/092906B.shtml
Here's Chris Floyd: Fatal Vision: The Deeper Evil Behind the Detainee
Bill: http://www.truthout.org/docs_2006/100206A.shtml

"Q: What's the difference between the Vietnam War and the Iraq War?
A: George W. Bush had a plan to get out of the Vietnam War." -- Anon.

Thread where outing begins: http://tinyurl.com/hojf8
George Pickett Memorial Trophy, Special Ops Cody Memorial Purple Heart,
and the Order of the Holey Sockpuppet winner <wfh_jr@hotmail.com> on
outing personal contact info in x-poasted subject lines:
"Plenty of people post under their real names and do not attempt to hide
their contact info. You are scared of being 'outed' because you are a
pathological abuser of usenet, and people rightly despise you for it.
You're afraid of being reported to the authorities or, better, visited
by a couple of guys with baseball bats. Other people don't have this
obsessive fear. Ward Hardman himself has posted plenty of personal
information - nothing that anyone else added was hidden in any way.
You're so fucking scared you've built up this whole sick mythology about
different categories of bad dudes who 'out' scum like you.

"Meanwhile you are the ugliest pigfucker in the universe. You are the coward without ethics. You call me a 'newbie' - ha! what an asshole you are. Those who want to remain anonymous do so. There is absolutely no way you could identify me, not unless you had the sort of subpoena power that only gets turned on for big-time terrorists. That's because I chose to be anonymous. Some people don't. Only really stupid dicks like you choose the sort of semi-anonymity which leaves you in constant fear.

"What a dickless wonder you are 'Snarky' you fat asshole."
-- in MID: <1156587081.123977.43800@m79g2000cwm.googlegroups.com>

"I am the only one who has outer filthed Ward" -- James C. "Crackhead" Cracked voluntarily self-immolates, in MID: 1159678991.838385.310840@m7g2000cwm.googlegroups.com

"When I told Abbie Hoffman that he was the first one who made me laugh since Lenny Bruce died, Hoffman said, "Really? He was my god." The combination of satirical irreverence and sense of justice that Bruce and Hoffman shared was the real spirit behind the Yippies--a term I coined to describe a phenomenon that already existed: an organic coalition of stoned hippies and political activists who engaged in such actions as throwing money on the floor of the New York Stock Exchange, then explaining to reporters the meaning of that symbolism. Folksinger Phil Ochs summed it up: "A demonstration should turn you on, not turn you off." So when journalists link the Yippies with misleading bedfellows, at best it's careless shorthand; at worst it's deliberate demonization. Osama bin Laden wanted an aircraft to crash into the Pentagon. Abbie Hoffman merely wanted to levitate it." -- Paul Krassner, http://tinyurl.com/ehu3v

2371. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 13:28:05 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Fp_5h.1352$yE6.605@newssvr14.news.prodigy.com>
Source record: 49545

Roy Lewallen wrote:
> The simplified idea of a trap as a short circuit on other bands also
> leads to bad decisions. On any frequency band below its resonant
> frequency, it acts like a loading inductor; on bands above resonance,
> like a capacitor.

Until it gets to the 1/2WL self-resonant frequency where
it yields the 180 degree phase shift described by Kraus.

Quoting Kraus: "A coil can also act as a 180 degree
phase shifter ... The coil may also be thought of as
a coiled-up 1/2WL element." This coil is placed at a
current minimum point in a phased array.

This does NOT mean that the length of the wire used in
the coil is 1/2 wavelength. It just means the coil is
series resonant with a 180 degree phase shift.
--
73, Cecil http://www.w5dxp.com

2372. 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 13:30:51 UTC
From: Danny Richardson <n_group@k6mhe.com>
Message-ID: <1msgl25qepu3251jee7slvb2qhndm04lfk@4ax.com>
Source record: 49546

I'm looking for input regarding the common mode (choking) impedance
for 4:1 current baluns. A friend recently purchase a commercial 4:1
current balun and, out of curiosity I set it up and measured the
common mode impedance and was very surprised at the performance I saw.
A very narrow range peaked at about 1.58 MHz. (The unit's rated
frequency range is 1-30 MHz.)

I have no experience with this type of balun having always used 1:1
ratios and I'm wondering if this is typical for this type of balun.

Because one doesn't post binary attachments on this news group I have
placed a schematic and a common mode impedance plot for the balun
along with a reference plot for a commercial 1:1 balun at;
http://k6mhe.com/balun.html

73,
Danny, K6MHE

2373. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 13:34:53 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <1w_5h.1353$yE6.885@newssvr14.news.prodigy.com>
Source record: 49547

C. J. Clegg wrote:
> For a dual-band 80m/40m dipole using resonant traps, how can I figure out
> the capacitor voltage rating I need for each power level?

For a rough approximation, you can model the trap as
a stub with the same VF and Z0 as the coil. Equations
(32) and (51) in the following IEEE paper are useful
for that purpose.

http://www.ttr.com/TELSIKS2001-MASTER-1.pdf
--
73, Cecil http://www.w5dxp.com

2374. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 13:40:16 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <ibtgl2dd9cj1rpk6h9r2icp1sgoo71i5k8@4ax.com>
Source record: 49548

>
>I cannot offer you a proven design, the thing that I use is pretty low
>tech, it is an 80m dipole with insulators in the middle of each leg
>and wander leads to switch between a 40m half wave and 80m half wave.
>
>Owen
Please describe "wander leads".

John Ferrell W8CCW

2375. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 13:44:07 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <HE_5h.1355$yE6.1206@newssvr14.news.prodigy.com>
Source record: 49549

C. J. Clegg wrote:
> If you guys say coax traps are a sub-optimal approach I'll take your word
> for it.

If inexpensive traps are the ultimate goal and the coax
is free from the local cable TV company, self-resonant
coaxial traps might be the way to go. How much loss is
in a coaxial trap?
--
73, Cecil http://www.w5dxp.com

2376. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 13:55:05 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <ZO_5h.1356$yE6.151@newssvr14.news.prodigy.com>
Source record: 49550

Mike Coslo wrote:
> Are you talking about displacement when you refer to physical
> dimension?

I'm talking about the space dilation equation.

x' = (x + vt)/SQRT(1 - v^2/c^2)

Quoting George Gamow: "It was Einstein who first
realized that Lorentz transformations actually
correspond to physical reality ..."
--
73, Cecil http://www.w5dxp.com

2377. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 14:04:49 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <5Y_5h.1358$yE6.1335@newssvr14.news.prodigy.com>
Source record: 49551

John Smith wrote:
> What say you?

Virtually everyone is in mutual agreement that there
was no such thing as time before the "time" of the
Big Bang. :-)

Note that time is so ingrained in our language that
it is impossible to talk about a "time" before time.
T=0 occurred "immediately after" the Big Bang. :-)
--
73, Cecil http://www.w5dxp.com

2378. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 14:31:59 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <zl%5h.1360$yE6.357@newssvr14.news.prodigy.com>
Source record: 49552

Danny Richardson wrote:
> A very narrow range peaked at about 1.58 MHz. (The unit's rated
> frequency range is 1-30 MHz.)

I once bought a commercial 4:1 balun wrapped on a
type 2 powdered iron core rated for "all-HF" operation.
The performance sucked. I had the factory measure the
choking impedance and it did indeed suck. Sorry, I don't
remember the exact results but it was designed by Jerry
Sevick, W2FMI, and described on page 34 of "Building
and Using Baluns and Ununs".
--
73, Cecil http://www.w5dxp.com

2379. Re: HOW do "dual-band"VHF/UHF antennas work?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 14:53:19 UTC
From: Mark <makolber@yahoo.com>
Message-ID: <1163429599.813827.149590@m7g2000cwm.googlegroups.com>
Source record: 49553

Jimmie D wrote:
> <n3ox.dan@gmail.com> wrote in message
> news:1163387095.744553.282830@m73g2000cwd.googlegroups.com...
> > Dual-band mobile antennas in general have some phasing network that
> > allows the antenna to have a good radiation pattern (gain at the
> > horizon) on both bands.
> >
> > They also need to have impedance matching on both bands.
> >
> > Unfortunately, there's nothing universal about dual-band designs as far
> > as continuity or shorts or anything like that. Additionally, a search
> > on "Comet SSB-7" brings up some fairly unfavorable eHam reviews, many
> > of which mention DOA antennas, having to get replacements twice, etc.
> >
> > There's not much you can do without knowing all the specifics about the
> > design, even then it would be tough to fix whatever's wrong; something
> > you can do is to check are the coax continuity to the NMO mount you're
> > using.
> >
> > Dan
> >
> My Comet antenna went bad too, for grins and giggles I hooked my 2M radio up
> to my CB antenna . SWR was good I hit all the local repeaters, Have tried it
> on UHF and it works there too. Probably far from optimum performance but I
> cant tell a lot of difference between it and the 2m half wave I have used. 1
> antenna 3 bands. It works for me. What I think is going on is the bottom
> hald of the center loaded CB antenna is about the right length for a 1/4 wl
> 2m antenna with the loading coil acting pretty much like a choke on 2m and
> 432. On UHF it probably looks lie a 3/4 wl antenna. Losses in the cable
> probably help the match to the radio. What the heck , it works.

rain water or condensation gets into the coil in the base...

Mark

2380. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 15:18:44 UTC
From: kd5sak <kd5sak@sbcglobal.net>
Message-ID: <o106h.6731$6t.5347@newssvr11.news.prodigy.com>
Source record: 49554

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:5Y_5h.1358$yE6.1335@newssvr14.news.prodigy.com...
> John Smith wrote:
>> What say you?
>
> Virtually everyone is in mutual agreement that there
> was no such thing as time before the "time" of the
> Big Bang. :-)
>
> Note that time is so ingrained in our language that
> it is impossible to talk about a "time" before time.
> T=0 occurred "immediately after" the Big Bang. :-)
> --
> 73, Cecil http://www.w5dxp.com

Time existed before the BB, there was just nothing against which to index
it.
It's like when you're waiting as your Mrs. tries on clothes or shoes. Time
stretches
to infinity, it's a relativity thing.(G)

Harold
KD5SAK

2381. Re: id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 16:24:58 UTC
From: honestjohn <honestjohn@centurytel.net>
Message-ID: <DPudnQBFUZYpN8XYnZ2dnUVZ_sednZ2d@centurytel.net>
Source record: 49562
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

<Mark@kb9rqz.aprs> wrote in message
news:qv9hl2d5nghjum4t4c59me70irubf5022g@4ax.com...
> On Mon, 13 Nov 2006 12:04:24 -0500, "an old freind" <Mark@kb9rqz.aprs>
> wrote:
>
> >
> amsuing you almost seem to be a bot either that or you do hang around
> 24/7 just on the off chance i will so you can try and forge somemore
> http://kb9rqz.blogspot.com/
>
Please, it's obvious that he has NO life outside of Usenet.
H.J.

2382. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 16:50:14 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1163436614.797899.97430@i42g2000cwa.googlegroups.com>
Source record: 49555

Because of the folding back of the currents I would not expect the 4:1 step up transformer to be a stirling performer at common mode rejection...
The best way to approach this is to use the 4:1 transformer balun strictly as a transformer, then add a 1:1 choke balun in series with it...
Personally I would wind the coax into a solenoidal choke balun immediately below the 4:1 transformer <being thrifty and all that> and call it good...

denny / k8do

2383. a concession to the ProCoders

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 17:04:21 UTC
From: Mark@kb9rqz.aprs
Message-ID: <c99hl2t80mdscktpr3ol4url2r5nvtpjnd@4ax.com>
Source record: 49557
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On 13 Nov 2006 10:06:44 +0100, "Alun L. Palmer" <elektros@yahoo.com>
wrote:

>X-rated Vermonter <k1xvnospam@arrl.net> wrote in
>news:3uucl2t9o653q45tlhssk5goil7kc8fa20@4ax.com:
>
>> On Sun, 12 Nov 2006 01:18:49 GMT, Slow Code <my.mail@no.spam> wrote:
>>
>> Why don't you go learn Morse in Arabic so you can spend your spare
>> time looking to intercept terrorist messages?
>>
>
>ROTFLMAO!
>
>At least then he would stop bothering the rest of us!

indeedheit would I must conceed I have been shown a use for Morse Code
in the 21th century

AND IT IS EVEN BETTER THE iNDENPENDANCE DAY SENARIO CONGRATS PROCODERS

NOW WE CAN DEBATE WETHER TI RISES TO LEVEL OF JUSTIFING KEEPING CODE
TESTING
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2384. i punce in agin

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 17:04:24 UTC
From: an old freind <Mark@kb9rqz.aprs>
Message-ID: <455898b8$0$21200$88260bb3@free.teranews.com>
Source record: 49556
Cross-posted to:
rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb,alt.usenet.kooks

ok I back four anoter tuff day on the news grupes it my job tis waht I do
so bringit on you loosers

show-na-to-va (that is the greeting for this time of year as a JEW rendered
phonicticaly)
happy new years it means and it can be better one if Wismen Robson and SC a
few just decided to not to be as hateful

with the punce gotcha he wonders why I simple don't bother to ty impoving
my spelling do u hav anyting cognet two say?

pee ess dont even tink aoubt forgering my fake emale a dress
http://www.marksspamblog.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2385. crapathon contiues

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 17:09:13 UTC
From: Mark@kb9rqz.aprs
Message-ID: <3i9hl2prl7ap4nba3slos92m2hac16v1kg@4ax.com>
Source record: 49558
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.usenet.kooks

On Mon, 13 Nov 2006 10:41:46 GMT, Demon Lord of Confusion
<verwarring@verwirren.confused> wrote:

>On Sun, 12 Nov 2006 13:40:48 -0500, an old freind attempted to confuse
>the issue further by squeaking:
>
>> it about woger
>
>You know, I don't think I've ever encountered another group that was
>literally almost entirely composed of RL stalkers.

nah there are only 2-3 rl stalker on RRAP Roger Wismen aka woger et
al. Robeson callisgn K4yz aka arf arf and maybe Slowcode and perhaps
one other they just operate under so many sock puppets is seem like
more
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2386. id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 17:15:42 UTC
From: Mark@kb9rqz.aprs
Message-ID: <qv9hl2d5nghjum4t4c59me70irubf5022g@4ax.com>
Source record: 49559
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

On Mon, 13 Nov 2006 12:04:24 -0500, "an old freind" <Mark@kb9rqz.aprs>
wrote:

>
amsuing you almost seem to be a bot either that or you do hang around
24/7 just on the off chance i will so you can try and forge somemore
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2387. Re: my knew blog

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 17:17:55 UTC
From: "Guy P. Distaffen" <guypd@rochester.rr.com>
Message-ID: <7N16h.21559$0L1.2838@twister.nyroc.rr.com>
Source record: 49560
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.usenet.kooks

Demon Lord of Confusion wrote:
> On Sun, 12 Nov 2006 13:40:48 -0500, an old freind attempted to confuse
> the issue further by squeaking:
>
>> it about woger
>
> You know, I don't think I've ever encountered another group that was
> literally almost entirely composed of RL stalkers.
>
I think the biggest problem, is that people keep feeding the trolls. I
have a pretty big kill file now and they keep coming up with new names,
so I keep adding them.

2388. crapthon contiues

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 17:25:19 UTC
From: Mark@kb9rqz.aprs
Message-ID: <nhahl215mdvo7brkfrl6i6be4srcbfdvbd@4ax.com>
Source record: 49561
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

On Mon, 13 Nov 2006 17:17:55 GMT, "Guy P. Distaffen"
<guypd@rochester.rr.com> wrote:

>Demon Lord of Confusion wrote:
>> On Sun, 12 Nov 2006 13:40:48 -0500, an old freind attempted to confuse
>> the issue further by squeaking:
>>
>>> it about woger
>>
>> You know, I don't think I've ever encountered another group that was
>> literally almost entirely composed of RL stalkers.
>>
>I think the biggest problem, is that people keep feeding the trolls. I
>have a pretty big kill file now and they keep coming up with new names,
>so I keep adding them.
well you need to stop feeding post to the kooks at auk but the trols
if they go unfed start making rl trouble so yes I feed to the trolls
to keep them our of my Real Life
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2389. Re: id theft is a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 17:32:39 UTC
From: Mark@kb9rqz.aprs
Message-ID: <7vahl258l3hbuj8vr8aq5a3qbmq2mfup52@4ax.com>
Source record: 49563
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

On Mon, 13 Nov 2006 10:24:58 -0600, "honestjohn"
<honestjohn@centurytel.net> wrote:

>
><Mark@kb9rqz.aprs> wrote in message
>news:qv9hl2d5nghjum4t4c59me70irubf5022g@4ax.com...
>> On Mon, 13 Nov 2006 12:04:24 -0500, "an old freind" <Mark@kb9rqz.aprs>
>> wrote:
>>
>> >
>> amsuing you almost seem to be a bot either that or you do hang around
>> 24/7 just on the off chance i will so you can try and forge somemore
>> http://kb9rqz.blogspot.com/
>>
>Please, it's obvious that he has NO life outside of Usenet.
>H.J.
indeed it is obvious but people need to state the obvious sometimes

besides it did liven up denouceing that lie

I am in rather that situaion of poor Dr McCoy you can only "Jim he's
dead" so many ways esp in text
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2390. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 17:40:54 UTC
From: Joel Kolstad <JKolstad71HatesSpam@yahoo.com>
Message-ID: <12lhbh7etppioee@corp.supernews.com>
Source record: 49564
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

"ken scharf" <wa2mzeNOSPAMBOTS@bellsouth.net> wrote in message
news:BCq5h.18297$GE1.1902@bignews7.bellsouth.net...
> At the time "CB" in the 27mhz region made sense because UHF equipment
> was too expensive to build for the masses. That's no longer true. The
> FCC should eliminate the 27 mhz CB service before the start of the next
> sunspot cycle and force everyone there to move to UHF.

I like your reasoning, although realistically they'd have to have a
well-publicized program to do so that would most likely have various
"deadlines" that would get pushed back a few times before really having any
meaning (just as the switch to broadcast HDTV has done!) I'd expect that
equpiment manufacturers would -- for a time -- be building dual-band radios.

Given how "abused" FRS and GMRS are anyway, perhaps the FCC could just drop
the GMRS licensing requirement and pretty much be done with it!

> One of CB's
> biggest problems was interference from 'skip' (DX), and it is illegal to
> work DX stations anyway.

Really -- I didn't know that (the part about it being illegal)! Seems a
little silly to me...

---Joel

2391. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 17:52:19 UTC
From: Mark@kb9rqz.aprs
Message-ID: <o0chl2hk6of6ib2a7cv0t9lt2hqdn5klf1@4ax.com>
Source record: 49565
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

On Mon, 13 Nov 2006 09:40:54 -0800, "Joel Kolstad"
<JKolstad71HatesSpam@yahoo.com> wrote:

>"ken scharf" <wa2mzeNOSPAMBOTS@bellsouth.net> wrote in message
>news:BCq5h.18297$GE1.1902@bignews7.bellsouth.net...
>> At the time "CB" in the 27mhz region made sense because UHF equipment
>> was too expensive to build for the masses. That's no longer true. The
>> FCC should eliminate the 27 mhz CB service before the start of the next
>> sunspot cycle and force everyone there to move to UHF.
>
>I like your reasoning, although realistically they'd have to have a
>well-publicized program to do so that would most likely have various
>"deadlines" that would get pushed back a few times before really having any
>meaning (just as the switch to broadcast HDTV has done!) I'd expect that
>equpiment manufacturers would -- for a time -- be building dual-band radios.

get that band back for Ham use is simply imposible too many rigs out
there
>
>Given how "abused" FRS and GMRS are anyway, perhaps the FCC could just drop
>the GMRS licensing requirement and pretty much be done with it!
>
>> One of CB's
>> biggest problems was interference from 'skip' (DX), and it is illegal to
>> work DX stations anyway.
>
>Really -- I didn't know that (the part about it being illegal)! Seems a
>little silly to me...
>
indeed it is ilegal to make a contact more than 150 miles away from
you a rule I have broeken without trying near the top of the last
cycle with a a mag mount on AM was living near springfield IL
mentioned the town springfield someone came back refered to roads that
don't exist so yes I have broken that rule and was techinal subjec to
a serve fine becuase the FCC tried to rewrie the laws of physics

it makes it difcult for me to be too critcal of breaking other of the
rules when the rules are so hard to take seriously
>---Joel
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2392. id theft is crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 18:09:52 UTC
From: Mark@kb9rqz.aprs
Message-ID: <m6dhl25pa97040bn1buq8epqh7s9nsk7rb@4ax.com>
Source record: 49566
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Mon, 13 Nov 2006 12:59:31 -0500, "an old freind" <Mark@kb9rqz.aprs>
wrote:

2393. crapthon contiues

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 18:21:20 UTC
From: Mark@kb9rqz.aprs
Message-ID: <9sdhl29serdv08ll2ue1i6mlhsqseonbrs@4ax.com>
Source record: 49567
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Mon, 13 Nov 2006 13:13:58 -0500, "an old freind" <Mark@kb9rqz.aprs>
wrote:

why are you so into AUK forger

2394. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 18:51:45 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <ejagtmaqn1@news.service.uci.edu>
Source record: 49570

Cecil Moore wrote:
> John Smith wrote:
>
>> This page contains instructions on how to construct a cheap and simple
>> device to detect the ether.
>
>
> Consider that the galactic red shift might be caused
> by the expansion of the ether and not by movement of
> the galaxies.

Most current thought is that the expansion of the ether might be
caused by the movement of (expansion of the space between) the galaxies.

73 ac6xg

2395. Re: HOW do "dual-band"VHF/UHF antennas work?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 19:26:14 UTC
From: Norm VE3CZI <ve3czi@arrl.net>
Message-ID: <uF36h.937$J32.712@read1.cgocable.net>
Source record: 49568

I had a problem with an recently purchased USED Diamond SG-7500 at a Flea Market.
Was told it was OK, but upon testing on the Vehicle I had very poor VSWR....So much for Flea Market Bargains! !
I tested it with an MFJ Antenna Analyzer which showed it to be "out" but was not sure whether it was the base matching unit, or the phasing elements in the antenna rod.
I emailed Diamond and received a very nice letter with the construction of the antenna and prices for the replacement parts. Did not solve my problem, but "did" lead me down the right path.
I ended up borrowing a friend's SG-7500. Measured the Capacitive & Inductive elements in the Antenna Rod..no difference. Since the base utilizes a capacitor in series AND a coil shunt to ground, it was awkward to evalualuate if the shunt coil or capacitor in the Base Unit was bad. I substituted and base unit on my antenna...voila! Good Match. I ordered up a new coil from Mfr for $35.00 and problem solved.
Substitution is sometimes the best troubleshooting technique. I suspect the original owner put TOO much power into the Base Unit !!

73...Norm VE3CZI

"Paladin" <kb1ghh@hotmail.com> wrote in message news:1163373099.813031.23160@m7g2000cwm.googlegroups.com...
> Hello "Antenna-Lovers",
> How do dual-band antennas work? I bought a COMET
> "SSB-7" antenna for my mobile radio. It worked great for a year or more
> and then,trouble. I don't know "HOW" to trouble-shoot it.
> Where on the antenna can I check for "continuity" or somewhere I can
> look to find a "fault" of sorts.
> It costs a bit more than a lower gain antenna. How can I trouble-shoot
> it ?
>
> 73's Paladin
>

2396. Re: HOW do "dual-band"VHF/UHF antennas work?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 19:28:02 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <dnhhl2lscnjvrh262f64mis5eabs8d4nm2@4ax.com>
Source record: 49569

On Mon, 13 Nov 2006 14:26:14 -0500, "Norm VE3CZI" <ve3czi@arrl.net>
wrote:

>I suspect the
>original owner put TOO much power into the Base Unit !!

Hi Norm,

Did you crack that sucker open to perform an autopsy? If it is a
goner anyway, that would be useful to observe and report here too.

73's
Richard Clark, KB7QHC

2397. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 19:52:29 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <1246h.9821$9v5.7377@newssvr29.news.prodigy.net>
Source record: 49571

Jim Kelley wrote:
> Most current thought is that the expansion of the ether might be caused
> by the movement of (expansion of the space between) the galaxies.

Space and ether are likely exactly the same thing.
--
73, Cecil, http://www.qsl.net/w5dxp

2398. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 19:57:28 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <ejakqudrn1@news.service.uci.edu>
Source record: 49573

Cecil Moore wrote:

> John Smith wrote:
>
>> I suspect you of being a rather "Doppler Fellow!"
>
>
> Consider that the mere expansion of empty space itself
> would cause a red shift possibly unrelated to the
> Doppler effect.

Hopefully you're not considering that we can observe objects move away
from us at apparently high speed without observing a doppler red shift
- at least in part.

73, ac6xg

2399. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 20:21:45 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <hakhl2tkqeiuf78om4dhomhv1js4dals60@4ax.com>
Source record: 49572

On Mon, 13 Nov 2006 13:40:16 GMT, John Ferrell
<johnferrell@sprintmail.com> wrote:

>
>>
>>I cannot offer you a proven design, the thing that I use is pretty low
>>tech, it is an 80m dipole with insulators in the middle of each leg
>>and wander leads to switch between a 40m half wave and 80m half wave.
>>
>>Owen
>Please describe "wander leads".

Sure, it is just 6 inches of wire with a crocodile clip on one end and
the other end wrapped+soldered to the wire on one side of the
insulator. The croc clips are either clipped to wire on one side or
other of the insulators to make a 40m half wave or 80m half wave.

Owen
>
>John Ferrell W8CCW
--

2400. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 20:35:40 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <ejan41$fc8$1@news.service.uci.edu>
Source record: 49574

Anonymous pseudonym wrote:

> If you wish to prove time to me, or anyone else for that matter, you
> have but to show me or propose a demonstration/experiment where it can
> be seen and measured. However, and remember this well, the
> demonstration/experiment you propose MUST NOT reference movement and/or
> distance--as that is what I am admitting are the only possible things
> our clocks CAN measure.

If time did not exist, how old would you be when you read this, and
how old would you have been when I wrote it?

73, ac6xg

2401. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 22:01:19 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <PW56h.6908$6t.265@newssvr11.news.prodigy.com>
Source record: 49575

Jim Kelley wrote:
> Hopefully you're not considering that we can observe objects move away
> from us at apparently high speed without observing a doppler red shift -
> at least in part.

The red-shifted background radiation is not
necessarily a Doppler effect.
--
73, Cecil, http://www.qsl.net/w5dxp

2402. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 22:25:52 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12lhs818687budf@corp.supernews.com>
Source record: 49476

How are you connecting it to measure the common mode impedance? I don't think you can just connect the input leads together and output leads together like you do with a 1:1, but I haven't taken the time to think much about how you really should measure it. . .

Roy Lewallen, W7EL

Danny Richardson wrote:
> I'm looking for input regarding the common mode (choking) impedance
> for 4:1 current baluns. A friend recently purchase a commercial 4:1
> current balun and, out of curiosity I set it up and measured the
> common mode impedance and was very surprised at the performance I saw.
> A very narrow range peaked at about 1.58 MHz. (The unit's rated
> frequency range is 1-30 MHz.)
>
> I have no experience with this type of balun having always used 1:1
> ratios and I'm wondering if this is typical for this type of balun.
>
> Because one doesn't post binary attachments on this news group I have
> placed a schematic and a common mode impedance plot for the balun
> along with a reference plot for a commercial 1:1 balun at;
> http://k6mhe.com/balun.html
>
> 73,
> Danny, K6MHE
>
>

2403. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 22:36:44 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <ejaub9$kp8$1@news.service.uci.edu>
Source record: 49479

Cecil Moore wrote:
> Jim Kelley wrote:
>
>> Hopefully you're not considering that we can observe objects move away
>> from us at apparently high speed without observing a doppler red shift
>> - at least in part.
>
>
> The red-shifted background radiation is not
> necessarily a Doppler effect.

The background radiation might not even be from the Big Bang,
necessarily. But like the doppler red shift, it's the best
scientifically supported explanation at the moment.

73, ac6xg

2404. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 23:02:30 UTC
From: Danny Richardson <n_group@k6mhe.com>
Message-ID: <rbuhl2dfs2bjjukdv6vqj8gc7kvkk9lts4@4ax.com>
Source record: 49477

On Mon, 13 Nov 2006 14:25:52 -0800, Roy Lewallen <w7el@eznec.com>
wrote:

>How are you connecting it to measure the common mode impedance? I don't
>think you can just connect the input leads together and output leads
>together like you do with a 1:1, but I haven't taken the time to think
>much about how you really should measure it. . .
>
>Roy Lewallen, W7EL
>
Yes, I measured with the leads connected together as you described.
However, after I posted my question this morning I looked around and
found I had an Elecraft BL-1 current balun. This balun can be
connected as a 1:1 or 4:1 by just moving two wires on the circuit
board - no other changes are necessary.

I measured the BL-1 in both configurations, using identical methods
which show close agreement.

You can see the results at: http://k6mhe.com/elecraft.html

Danny, K6MHE

2405. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 23:10:04 UTC
From: Wes Stewart <n7ws*@*yahoo.com>
Message-ID: <8quhl298c1ahl1j0ori2s1k9dq80v1j95g@4ax.com>
Source record: 49478

On Sun, 12 Nov 2006 01:29:20 GMT, Owen Duffy <owen@no.where> wrote:

>On Sat, 11 Nov 2006 16:19:48 -0800, Danny Richardson
><n_group@k6mhe.com> wrote:
>
>>On Sat, 11 Nov 2006 22:07:14 GMT, Owen Duffy <owen@no.where> wrote:
>>
>>>Programs tend to underestimate the losses of these traps.
>>
>>Owen,
>>
>>What is your estimation of the loses? Will it be more than a dB?
>
>Danny,
>
>I recall modelling dipoles incorporating such traps with NEC some time
>ago. My recollection is that the loss is of the order you suggest,
>which might seem insignificant in the context of a path budget, if it
>wasn't for the fact that it might about to a significant amount of
>power to be dissipated in the trap, depending on the power level /
>mode.
>
>Operation at resonance exacerbates the situation.
>
>My sentiment is not so much that the traps are a bad idea, but the
>design tools that are around seem to take shortcuts and are
>inconsistent. The design tools would make one think that the trap
>designs are better than they really are.

Unfortunately, a lot of ham lore also suggests that traps are much
worse than they actually are. The typical proponent of feeding a
"G5RV" with ladderline->balun->tuner rather than dreaming of using
traps probably believes that he has the more efficient system.

IMHO, for the case in question; 80 and 40 M operation with BW not an
issue, I would use coax traps and be done with it.

The major objection to traps in my estimation is the reduced BW that
results from the wire shortening and inductive loading on the lower
bands, not the additional loss. Any of the single feedline multiband
antenna *systems* that I can think of have higher loss than a
single-band resonant dipole. You can have your loss in traps or stubs
or you can have it in the transmission line/balun/tuner. Your choice.

I have placed a couple of files here that might be useful to the OP:

http://k6mhe.com/n7ws/QST_Correspondence_3_84.pdf

http://k6mhe.com/n7ws/QST_Correspondence_8_85.pdf

Also, Owen, I think you said earlier that the coax capacitance isn't a linear function of line length because of transmission line effects.

The referenced authors have demonstrated that because of mutual coupling between the coax conductors and the way the trap is configured the line is actually just a capacitor.

2406. Re: crapathon contiues

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 23:33:03 UTC
From: The Secretary of HomIntern <YkR4N53909@WòéM.6Ró>
Message-ID: <pan.2006.11.13.23.33.00.714116@bisexuals.for.lgbt.freedom>
Source record: 49480
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.usenet.kooks

On Mon, 13 Nov 2006 12:09:13 -0500, Mark k'lamed:
> On Mon, 13 Nov 2006 10:41:46 GMT, Demon Lord of Confusion wrote:
>>On Sun, 12 Nov 2006 13:40:48 -0500, an old freind attempted to confuse
>>the issue further by squeaking:
>>
>>> it about woger
>>
>>You know, I don't think I've ever encountered another group that was
>>literally almost entirely composed of RL stalkers.
>
> nah there are only 2-3 rl stalker on RRAP Roger Wismen aka woger et al.
> Robeson callisgn K4yz aka arf arf and maybe Slowcode and perhaps one other
> they just operate under so many sock puppets is seem like more

Possibly, but they constitute the greater portion of effective regulars.

--

Hail Eris! "The personal _is_ political."
Bent Depraved N. Deviant Cock-Smoker, Esq., Superfaggot
COOSN-029-06-71069
"Stupidity excuses nothing. It's only a reason...." -- Phxbrd
Economic Left/Right: -7.63 Social Libertarian/Authoritarian: -7.38
"The whining has just begun." -- John Wentzky
Killfiled by: directory; Anim8rfsk
"It's not nice to misrepresent Mother Nature."
http://www.lowgenius.net/kookway.htm
TEH WAY OF THE K00K
Never learn from your mistakes.
Always practice your mistakes; you may get them right.
Always pick on those smarter and tougher than you.
Always believe that only you know the TRVTH.
Never allow logic or reason get in the way of a good k00k.
When being overwhelmed by logic and reason: k00ksuit!
If you are going to be wrong, do it at the top of your lungs.
When caught in a lie: LIE!
When in doubt: Order the Crab Won Ton
Plagiarism is your friend. Use it.
Whenever contradicted; morph, start calling people names, and make false
accusations. Include the children of your target in your allegations,
even if they don't have any.
(06-Jun-05) When nobody else will listen, post to your own fan group.
(06-Jun-05) Obviously, since you have your own fan group, this must mean

that you have fans. Post prolifically to your fan group - you wouldn't want to disappoint them!
(10-May-2005)Everyone reads usenet. Approval here means approval everywhere.
Post numerous blank posts, or posts containing only a message id.
Post numerous copy&paste web articles from crackerpot websites.
Never forget to call kookologists "k00ks."
If there are several, call them "sockpuppets" too
When all else fails, accuse various and sundry kookologists of e-mailing viruses to you. This is a sure-fire method of garnering sympathy and ensuring that the General Public will always see things your way. An especially effective sub-strategy here is to accuse them of infecting you with the 'Sasser' worm via e-mail.
Quote notorious scientists or writers - it makes it look as if they approve the drivel you are writing!
(9-Jul-05) Anytime your computer is infected with a virus, bogged down by spyware, attacked over your internet connection, or otherwise suffers from preventable problems, government agencies are responsible and are trying to silence you and are monitoring your computer files.
Ignore all traffic signs and feel free to trespass, you don't have to obey any rules.
Scare your enemies with lawsuits, police escorts and whines.
Always back up your empty (albeit noisy) threats with phony LARTs, false police reports, and harassing letters to the FBI and other gubbermint agencies.
Be vigilant in your redundancy. The more you repeat yourself, the more likely others will believe you!
If you can't find anyone as crazy as yourself to support you in the flamewars you start with the normal population, create sock puppets and use anonymous remailers that shamelessly hang on every word you write.
(17-Mar-05) When dealing with law enforcement, remember that it is they who have the problem, not you. Be sure to inform them of this at every available opportunity, as they will surely appreciate your constructive criticism. Be sure to make them aware that YOU KNOW YOUR RIGHTS! ("The cops like that, when people know their rights. That way they don't have to read them to you on the way to the station." - George Carlin)
The more your fake personalities adulate you, the more respect you'll get!
When confronted with a reality that you don't like: Announce loudly that you are departing, never to return as long as there's an Internet. Come back in three or four days and claim you were drunk, hacked, abducted by alience, or forged. Alternately you can just not even mention your prior departure, and if anyone asks you about it, either ignore them or respond with something along the lines of "YOUR NOT THE BOSS OF ME! *PLONK*!" People really know you mean business then.
Always remain clueproof.
(20-Mar-05) Anyone who does not believe that you are the reincarnation of [$DEITY_OR_PROPHET] is obviously an infidel lacking in faith whose soul in in peril of everlasting damnation.
When responding to one line challenges, post paragraphs of rants and

screed in response.
Incoherency is not a roadblock to poasting.
Neither is illiteracy.
Delusions poasted often enough become fact.
Claim you will destroy <insert newsfroup> for attacking you.
When spnaked, send cmsg for Fanboi newsfroup(s).
Find your Lame, Use your Lame, Be your Lame!
Post Edit when the TRVTH hurts.
Always sneck the offending newsfroups.
Always poast pictures of yourself so you can be admired in all your k00ky glory.
Always accuse others of the very acts you are guilty of.
Post lots of boasts about your high IQ and incredible talents.
(20-Mar-05) If you repeat a lie often enough, it becomes the truth.
Anybody who fails to understand this is engaged in a deliberate campaign of misinformation and character assassination.
Always <plonk> somebody just before replying the plonkee!
The k00k considers itself the most intelligent person in any conversation, possibly on the planet. Other people are benighted and ignorant, and have been waiting their whole lives for the k00k to rescue them from intellectual darkness.
Write a self-published book and claim it a success. Bonus points for comparing it to "Mein Kampf" and/or the Bible.
Declare yourself equal to a deity of your choice.
Claim that you've come from other planets.
Claim thousands of past lives.
Frothing complaints carry far more weight when you send them from "legal@" some domain.
Nothing strikes terror into the hearts of your detractors more than telling them that you're archiving their messages for possible use in the future.
Never forget that everyone else posting to Usenet is a paid disinformation agent looking to discredit you.
Usenet is governed by US law. If a poster in Romania killfiles you, he's obviously violating your 1st Amendment rights and can be sued.
Every news admin in the world hangs out in NANAU, and they're just dying to nuke the account of that meanyhead who just called you "fucknozzle". Drop 'em a line - that's what they're there for, after all.
AUK will be closed down. Just you wait and see.
They've nuked hundreds of accounts in the name of free speech and *yours* will be next.
The k00k will, without any trace of irony, lie, manipulate, impersonate, censor, and declare themselves powerful in ways ranging from the ability to have an account shut down to being God Herself, in order to convince people that they are not liars, manipulators, censors, or insane.
Abuse women while telling how many hundreds you've loved. Nevermind that you're one ugly motherfucker and that there were 30,000 femininas that thought you were a scumbag with bad teeth.
Remember that your ko0ky klaims are 'facts', and that 'facts' do not require proof.

Do not neglect to poast your responses to forums that the originator doesn't read. This will make the people in that forum very impressed with how you tear him to shreds without him being able to respond. They like it even better if you are off-topic for that forum.
Keep in mind that lack of evidence supporting your konspiracy theory actually _is_ evidence, of how effective the konspiracy is in hiding.
(06-Oct-05) When spanked, always retreat to the safety of the Ad Hominem.
(04-Aug-2005) When spanked mercilessly for days on end, proving with each poast just what an illiterate and ignorant fool you are, ALWAYS claim ownership of [person(s),froup(s)]. This works on so many levels. It inspires dread in your opponents that they will no longer be able to poast in their home froup and that they will eventually have to pay rent, to name just two.
Any problems with your poasts are the fault of the konspirators, who are trying to stop you from preventing the extinction of humanity.
Konspiracies that are able to subvert whole governments are always unable to silence konspiracy ko0ks.
The entire United States government is willing to spend millions of dollars for the sole purpose of harassing you.
Hollywood is making movies based on your personal life.
Do not consult psychiatrists or other mental health professionals. They are part of the konspiracy, and will sedate you and lock you away and keep you drugged if you tell them the truth.
Numerology and Astrology are respectable sciences and are useful for proving your case.
Everyone is Tim Hill, or David Green, or...
There is a fine line between trolling and kookery. Find that line and cross it repeatedly. When you are killfiled and/or LARTed for net.abuse as a result, claim victory. If you lose multiple accounts, this merely proves that you are indeed a world-class troll, with a black-belt in manipulation.
If you respond to every post someone else makes, they're obsessed. If they respond to less than 1% of your posts, they're even more obsessed.
Publishing people's real names, addresses, and phone numbers when there's no other way for you to come out of a flamewar with any dignity is cool, and proves that you are a master of secret internet information stores, and absolutely not to be fucked with.
Everyone is out to get you. You can put a stop to this by telling everyone that they're out to get you at every available opportunity.
You are the only sane one.
Those that give you a hard time about morally bankrupt things you yourself admit to are just persecutioners of the new inquisition.
Yelling in all caps and cursing at your detractors is debate. Your detractors laughing at you with sarcastic remarks is obvious anger and jealousy.
If doing something results in the loss of your account, legal hassles, or blunt trauma injury, do it again. It always works better the second time.
Asterisks, lots and lots of Asterisks.

Poking holes in kookscreed is stalking, and is a felony.
K00ks LOVE to "connect the dots". They are, of course, dots that only the k00k can see.
"They laughed at Einstein, too!"

...with thanks to Aratzio, Dr. Flonkenstein, Dan Baldwin, Cujo, CJ Osterwald, Jade, Bookman, and John Henry, of AUK. Meow. Original thread at http://tinyurl.com/3fsho - some posts may not appear due to x-no-archive headers. The spelling mistakes are intentional, dolt.

2407. Re: crapathon contiues

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-13 23:34:48 UTC
From: Mark@kb9rqz.aprs
Message-ID: <u70il21qhbovdrajle1a8eb40346vicca1@4ax.com>
Source record: 49481
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.usenet.kooks

On Mon, 13 Nov 2006 23:33:03 GMT, The Secretary of HomIntern
<YkR4N53909@WÃ²Ã©M.6RÃ³> wrote:

>On Mon, 13 Nov 2006 12:09:13 -0500, Mark k'lamed:
>> On Mon, 13 Nov 2006 10:41:46 GMT, Demon Lord of Confusion wrote:
>>>On Sun, 12 Nov 2006 13:40:48 -0500, an old freind attempted to confuse
>>>the issue further by squeaking:
>>>
>>>> it about woger
>>>
>>>You know, I don't think I've ever encountered another group that was
>>>literally almost entirely composed of RL stalkers.
>>
>> nah there are only 2-3 rl stalker on RRAP Roger Wismen aka woger et al.
>> Robeson callisgn K4yz aka arf arf and maybe Slowcode and perhaps one other
>> they just operate under so many sock puppets is seem like more
>
>Possibly, but they constitute the greater portion of effective regulars.

obviously you do not read the gruop but then you are a kook
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2408. Re: rf leaks

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 00:01:17 UTC
From: ml <m@di.net>
Message-ID: <m-97DDDE.19011213112006@news.verizon.net>
Source record: 49482

dear rich

thank you again for helping, i was just beginning to think it was all related, and yah i hate loops.

was thinking about just rewiring everything but now i sorta want to find out what specifically is the culprit and fix it, seems more like a chinese puzzle i have a alot of wires all neet thou , no rats nest's

one thing that riddles me, you mentioned in the past i've heard others say this about putting stuff on a seperate breaker (or fuse?)

i don't get that so their is a main feed (one) and many breakers off that so how does a plain ol' breaker "isolate' anything if they are all so 'close' and connected to the main feed?

thanks again , i have a lot of work to do :)

In article <v02fl25temr8lkapsh0ci18m20d4jvjeej@4ax.com>,
Richard Clark <kb7qhc@comcast.net> wrote:

> On Sun, 12 Nov 2006 16:23:22 GMT, ml <m@di.net> wrote:
>
> >so how does one go about finding out what i did wrong how do you
> >trouble shoot? and isolate
>
> Hi Myles,
>
> This, again, goes to issues of ground loops (I bet you're tired of
> hearing that).
>
> What interference that does not arrive through the air, must arrive
> through a wire. This second form is by conductance. If you share a
> conductor, you will also share some of the RF at that common point,
> especially if that common point is elevated above a true ground.
>
> To understand what it means to "share" a conductor, you have to think
> outside of the box. Look at your entire home/apartment/building
> instead of just your rig and the wire to ground. Few ever step far
> enough back to visualize the complete picture.
>
> In that complete picture, your rig is being powered through a
> connection to a wall plate that eventually finds its mains connection
> at a breaker panel. If you were to consider the room (partially
> outside of the box of rig and ground wire), you can (with x-ray
> vision) see that conductor behind the wall tracing its way through

> probably half a dozen other wall plates powering your computer in that
> room, several lights, perhaps your modem, another charger for your
> phone (yet another ground loop path to Ma Bell's ground), perhaps a
> digital clock - need I go on?
>
> If you turn up the x-ray vision to go further outside of the box of
> rig, ground wire and shack, and look at the home/apartment/building,
> you might see that conductor winding through the rooms to pick up
> connections to your furnace control, maybe the door bell transformer,
> and passing through the living room to power your TV and FM radio
> (they could be on the opposite side of the wall of your shack). Then
> after this winding around, it might finally hit the breaker panel. You
> might also find your Amp is sharing the same panel circuit as the
> kitchen range or your clothes dryer (more ground loops opportunities
> there).
>
> If your transmitter's power source is at the far end of that long
> trail back to the panel, all those connections along the way are
> sharing the same conduction leakage from your source. It doesn't take
> much to make your TV image swim with modulation, or for the FM to go
> screwy, it can also pulse your lights through their sensitive dimmers.
>
> How do you cure this problem of conducted interference?
> 1. Break the path,
> 2. Shorten the path,
> 3. Change the path.
>
> Basically isolate your RF activities to one breaker at the breaker
> panel. Because all mains powers branch out from this point you are
> simultaneous doing all three above when you choose one branch and
> dedicate it to RF.
>
> This requires you to map out every power switch and wall plate in your
> home back to their breaker in the panel. With this map you are then
> informed as to which devices might share the RF conduction path, and
> you can then move either the devices, or the choose another RF path.
>
> A simple test as to the degree of coupling of this conduction
> interference is to simple choose one device that is especially
> sensitive. Let's say it is the TV (and by that I mean the display and
> ALL of its accessories like cable connection, Tivo, VCR, sound system
> and the rest) and plug it into an extension cord that is in turn
> plugged into another wall plate on a DIFFERENT branch. This often
> means a long extension to another room, or better yet, to the outlet
> nearest to the breaker panel.
>
> This is why curing ground loops is so frustrating.
>
> 73's
> Richard Clark, KB7QHC

2409. Re: crapthon contiues

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 00:13:22 UTC
From: Pat Stevens <patstevens2@rochester.rr.com>
Message-ID: <CS76h.13376$zB4.1619@twister.nyroc.rr.com>
Source record: 49483
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

How in the world are they causing trouble to you in real life? You aren't too bright, if you think that trolling in a newsgroup, is going to protect you in real life.

<Mark@kb9rqz.aprs> wrote in message
news:nhahl215mdvo7brkfrl6i6be4srcbfdvbd@4ax.com...
> On Mon, 13 Nov 2006 17:17:55 GMT, "Guy P. Distaffen"
> <guypd@rochester.rr.com> wrote:
>
>>Demon Lord of Confusion wrote:
>>> On Sun, 12 Nov 2006 13:40:48 -0500, an old freind attempted to confuse
>>> the issue further by squeaking:
>>>
>>>> it about woger
>>>
>>> You know, I don't think I've ever encountered another group that was
>>> literally almost entirely composed of RL stalkers.
>>>
>>I think the biggest problem, is that people keep feeding the trolls. I
>>have a pretty big kill file now and they keep coming up with new names,
>>so I keep adding them.
> well you need to stop feeding post to the kooks at auk but the trols
> if they go unfed start making rl trouble so yes I feed to the trolls
> to keep them our of my Real Life
> http://kb9rqz.blogspot.com/
>
> --
> Posted via a free Usenet account from http://www.teranews.com
>

2410. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 00:16:47 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <45590AEF.5080104@gmail.com>
Source record: 49484

kd5sak wrote:
> "Cecil Moore" <mycall@hotmail.com> wrote in message
> news:5Y_5h.1358$yE6.1335@newssvr14.news.prodigy.com...
>> John Smith wrote:
>>> What say you?
>> Virtually everyone is in mutual agreement that there
>> was no such thing as time before the "time" of the
>> Big Bang. :-)
>>
>> Note that time is so ingrained in our language that
>> it is impossible to talk about a "time" before time.
>> T=0 occurred "immediately after" the Big Bang. :-)
>> --
>> 73, Cecil http://www.w5dxp.com
>
>
> Time existed before the BB, there was just nothing against which to index
> it.
> It's like when you're waiting as your Mrs. tries on clothes or shoes. Time
> stretches
> to infinity, it's a relativity thing.(G)
>
> Harold
> KD5SAK
>
>

Everything real has an affect and produces one or more effect. In the universe you propose, with ONLY time, what do these "look like?"

Oh, that's right, there would be NOTHING to effect! So NO affect, so NO time! DUH! But, a tree DOES make a noise, even if nothing is there to 'enjoy' it... And, other things are effected by the trees affect of falling...

Now if you claim time IS God, perhaps...

JS

2411. Re: crapthon contiues

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 00:27:22 UTC
From: Mark@kb9rqz.aprs
Message-ID: <b93il25u7jtdblmu6ep1qqm9jgi9ds6cp3@4ax.com>
Source record: 49485
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

On Tue, 14 Nov 2006 00:13:22 GMT, "Pat Stevens"
<patstevens2@rochester.rr.com> wrote:

>How in the world are they causing trouble to you in real life?

by contacting my neighboor and harrassing folsk with the US amil

> You aren't
>too bright, if you think that trolling in a newsgroup, is going to protect
>you in real life.

I don't think it I know it does answer the rtroll giving them the
attnention they pleaed for they stopp harrassing my neightboors

http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2412. Re: rf leaks

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 00:48:07 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <134il2drt67arpduga7gf3u0461n0mhii2@4ax.com>
Source record: 49486

On Tue, 14 Nov 2006 00:01:17 GMT, ml <m@di.net> wrote:

>i don't get that so their is a main feed (one) and many breakers off
>that so how does a plain ol' breaker "isolate' anything if they are all
>so 'close' and connected to the main feed?

Hi Myles,

It is like any parallel circuit. At one point they are all together,
but they all fly off in different directions and different lengths to
reach the various outlets and switches throughout your apartment.

By code, all of your power demand is spread out and BALANCED so that
no one breaker/fuse is carrying the whole load. This means that your
clothes dryere is not on the same circuit as the oven. They each have
their own wires that goes back to the breaker panel, and each has
their own breaker. Likewise, each room's outlets and lights goes on
its own wire back to its own breaker at the breaker panel. Sometimes
it might be two rooms sharing the same path. This is where you get
into trouble by injecting RF from your shack into the light dimmer in
the bath room.

73's
Richard Clark, KB7QHC

2413. Re: FCC took 11 meters from Hams and gave it to CB'ers.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 00:52:15 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ejb41toer1@news.ndhu.edu.tw>
Source record: 49489
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

Mark@kb9rqz.aprs wrote:
> On Mon, 13 Nov 2006 09:40:54 -0800, "Joel Kolstad"
> <JKolstad71HatesSpam@yahoo.com> wrote:
>
>> "ken scharf" <wa2mzeNOSPAMBOTS@bellsouth.net> wrote in message
>> news:BCq5h.18297$GE1.1902@bignews7.bellsouth.net...
>>> At the time "CB" in the 27mhz region made sense because UHF equipment
>>> was too expensive to build for the masses. That's no longer true. The
>>> FCC should eliminate the 27 mhz CB service before the start of the next
>>> sunspot cycle and force everyone there to move to UHF.
>> I like your reasoning, although realistically they'd have to have a
>> well-publicized program to do so that would most likely have various
>> "deadlines" that would get pushed back a few times before really having any
>> meaning (just as the switch to broadcast HDTV has done!) I'd expect that
>> equpiment manufacturers would -- for a time -- be building dual-band radios.
>
> get that band back for Ham use is simply imposible too many rigs out
> there
>> Given how "abused" FRS and GMRS are anyway, perhaps the FCC could just drop
>> the GMRS licensing requirement and pretty much be done with it!
>>
>>> One of CB's
>>> biggest problems was interference from 'skip' (DX), and it is illegal to
>>> work DX stations anyway.
>> Really -- I didn't know that (the part about it being illegal)! Seems a
>> little silly to me...
>>
> indeed it is ilegal to make a contact more than 150 miles away from
> you a rule I have broeken without trying near the top of the last
> cycle with a a mag mount on AM was living near springfield IL
> mentioned the town springfield someone came back refered to roads that
> don't exist so yes I have broken that rule and was techinal subjec to
> a serve fine becuase the FCC tried to rewrie the laws of physics
>
> it makes it difcult for me to be too critcal of breaking other of the
> rules when the rules are so hard to take seriously
>> ---Joel
>>
> http://kb9rqz.blogspot.com/
>

That arrangement of words comes nearest the most logic, reason and
formed thought I believe ever sprang forth from your keyboard.

JS

2414. Re: Common courtesy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 00:54:50 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <ut86h.6395$L6.5374@newsread3.news.pas.earthlink.net>
Source record: 49487
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

X-rated Vermonter <k1xvnospam@arrl.net> wrote in
news:2jucl2ph03e2elmaag3huj4t2nlusl7t5p@4ax.com:

> On Wed, 08 Nov 2006 00:34:05 GMT, Slow Code <my.mail@no.spam> wrote:
>
>
>>
>>Code is just one part of it. Here's my four step plan that will keep
>>ham radio from becoming like CB:
>>
>>
>>Step 1: No more automatic renewals. Individuals must retest and
>> pass all elements required for their license class.
>>
>>Step 2: The passing score for written exams needs to be raised to 85%.
>>
>>Step 3: Code elements should be 13 wpm for General, and 20 wpm for
>>Extra.
>>
>>Step 4: Make the no-code license one year non-renewable.
> +++++++++
> Your plan will eliminate QRM. There will be nobody left with a
> license.

I know you're right. Requiring good operators will kill the service.

Hams just want to be appliance operators these days and they don't want
license exams that will interfere with them getting to those appliances
even though it means being less skilled. I don't see anyone modernizing
like everyone says is happening. They just get their licenses and grab a
microphone. What percentage of hams have a computer connected to a
radio? Probably less than 30%. Hams don't want to modernize. Guess we
just have live with inferior operators on the bands from here on out.
Then again, maybe hams shouldn't be required to be knowledgable or have
skills. Requiring skills and knowledge is too old skool. Everything must
be outcome based these days, even licensing. It ain't like we have to
help out in emergencies or anything. It's Quantity, not quality. We need
more hams even if they aren't skilled.

SC

2415. Re: crapthon contiues

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 00:54:54 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <yt86h.6398$L6.1411@newsread3.news.pas.earthlink.net>
Source record: 49488
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

"Pat Stevens" <patstevens2@rochester.rr.com> wrote in
news:CS76h.13376$zB4.1619@twister.nyroc.rr.com:

> How in the world are they causing trouble to you in real life? You
> aren't too bright, if you think that trolling in a newsgroup, is going
> to protect you in real life.

Please ignore the Turd Markie just dropped on this thread. If
you try to figure it out, you'll just get a headache. TNX.

SC

> Mark in the Dark, wrote in message
> news:nhahl215mdvo7brkfrl6i6be4srcbfdvbd@4ax.com...

-Snip-

2416. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 00:55:10 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <Ot86h.6409$L6.1332@newsread3.news.pas.earthlink.net>
Source record: 49491
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

X-rated Vermonter <k1xvnospam@arrl.net> wrote in
news:3uucl2t9o653q45tlhssk5goil7kc8fa20@4ax.com:

> On Sun, 12 Nov 2006 01:18:49 GMT, Slow Code <my.mail@no.spam> wrote:
>
> Why don't you go learn Morse in Arabic so you can spend your spare
> time looking to intercept terrorist messages?

I don't need to. That's why we have President Bush. Now I should learned
arabic have if I had known Bill Clintoon and the democrats weren't going
to do anything about the terrorists before Bush got in.

That's the problem with democrats, they hate America, so they don't care
if terrorists attack us. Democrats would rather attack the Bible.

SC

2417. Re: Is the code requirement really keeping good people out of ham radio?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 00:55:11 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <Pt86h.6410$L6.4142@newsread3.news.pas.earthlink.net>
Source record: 49490
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.homebrew,rec.radio.amateur.policy

N2EY@AOL.COM wrote in
news:1163335905.242003.59790@b28g2000cwb.googlegroups.com:

> John Smith wrote:
>> N2EY@AOL.COM wrote:
>> > ... They are written *by* me, but they are not *about* me. ...
>>
>> I strongly disagree with the above. They are about you. They
>> describe, and I feel quite accurately, the depth, width and breadth of
>> you, your thinking and your abilities.
>
> Well, I disagree somewhat. My posts simply state my thoughts and
> observations on certain subjects. They do not "describe,....., the
> depth, width and breadth of you, your
> thinking and your abilities."
>
> There's more to me than what I post on Usenet. In fact, I try to post
> as little about myself here as possible.
>
> OTOH, they *do* say something about me, their writer. They don't say
> everything, but they do say something. So you do have a point - they
> *are* about me to some extent.
>
>> I ask you, "If not, then why would you not structure your words
>> differently?"
>
> I structure my words as best I can to convey the meanings intended.
> That does not mean my postings are flawless!
>
>> NOTE: This message makes NO statement as to your words worth. It only
>> points out the error in your statement.
>
> Good point. Thanks
>
> 73 de Jim, N2EY

Anyone that enjoys CW and supports keeping the requirement is okay in my
book.

SC

2418. Re: Never under estimate the power of stupid people in large groups.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 00:55:14 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <St86h.6412$L6.1496@newsread3.news.pas.earthlink.net>
Source record: 49492
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

"Paladin" <kb1ghh@hotmail.com> wrote in
news:1163348029.661604.286410@h54g2000cwb.googlegroups.com:

>
> maskirovka wrote:
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:YSu4h.4114$0r.1277@newsread1.news.pas.earthlink.net...
>> >
>> > I hope one day the republicans figure that out.
>> >
>> > SC
>>
>> They can start by implimenting a voucher system for students of parents
>> who can not afford private schools.
>> The bulk of their ever increasing property taxes goes to fund the
>> Socialist public school system. You know, the system that wants to do
>> away with The Pledge and instead have our children site quotes from the
>> koran.
>
>
> WHERE THE HECK IS HAM RADIO ON THIS SITE!!!!!!!!!! PLE-E-E-Ease take
> "it"elsewhere!
>
> PALADIN

"Hello Antenna-Lovers,
How do dual-band antennas work? I bought a COMET
"SSB-7" antenna for my mobile radio. It worked great for a year or more
and then,trouble. I don't know "HOW" to trouble-shoot it.
Where on the antenna can I check for "continuity" or somewhere I can
look to find a "fault" of sorts.
It costs a bit more than a lower gain antenna. How can I trouble-shoot
it ?"

Just go get another one at Radio Shack.

Tnx, 73, Good luck in the contest.

SC

2419. Re: OT...See if SC is dumber than dirt

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 00:55:22 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <_t86h.6414$L6.4234@newsread3.news.pas.earthlink.net>
Source record: 49493
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"U-Know-Who" <no-one@nowhere.com> wrote in
news:q3H5h.2159$mR4.1217@tornado.texas.rr.com:

>
> "Slow Code" <my.mail@no.spam> wrote in message news:cEu5h.5298
>>
>>
>> It's not unwritten policy, it's life. Those that work hardest get
>> most. Unfortunately, a lot of people want only one class. A CB'er like
>> class.
>>
>> You shouldn't have to work for anything, Just like liberalism and the
>> democrats. Those that work hardest get the fruits of their labor
>> punished, those that don't get welfare and handouts.
>>
>> SC
>
> Are you that fucking stupid and simplistic?
>
> Here's just one point, and of course, as usual, you'll have no
> legitimate reply:
>
> Minimum wage. The GOP states that if the minimum wage is increased, the
> cost of everything will rise. Probably so. Of course keeping it low
> means that things will cost less, right? Let me see, if we give people a
> wage that they can live on, we'll have less people getting welfare,
> right? Sure, the cost of a hamburger may go up, but then again, I don't
> actually need a hamburger, so I can live with that. And the taxpayers
> will be getting a break in the form of less people on welfare. That
> benefits me and you, right. Stick with me here SC, I know this thinking
> for yourself stuff is hard for you, but I'll try to take it SLOW. These
> same people will have more cash to spend, so that helps the economy,
> right? So, if you and I benefit from an increase in minimum wage, who
> loses? Well, it appears big business does, doesn't it? They are the ones
> reaping the benefits of low labor costs, while at the same time raping
> you and I because their employees cannot sustain themselves because of
> an artificially low labor cost.
>
> This is just one point, SC. I know you're out of your league debating,
> but do you care to try to dispel this fact?

And to think I just thought you were a tiny little piss-ant, I see you're
a whiney ass liberal now too.

Get the government out of the way. Let the market place decide what the wage will be for any job. If someone wants a job with better pay they need to compete for it. That would also imply making an effort to better yourself, so you're better than the person that is also competing for the job.

And if anyone don't work, they don't eat. It's called taking responsibility for yourself. Democrats create victims and nurture the notion that government is the only thing that can take care of you.

SC

2420. Re: Rumsfeld Resigns!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 00:55:28 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <4u86h.6415$L6.312@newsread3.news.pas.earthlink.net>
Source record: 49494
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

"Rayburn" <rayburnsweet@alltel.net> wrote in
news:839d3$4557c97b$471cc028$9309@ALLTEL.NET:

> I'm a REPUBLICAN but I just gotta say something about the House and
> Senate being taken over by Democrats and Rummy Quitting before he is
> bought up on charges
>
>
>
> MISSION ACCOMPLISHED!
>
> ROFL!
>
> RAYBURN

You're not a Republican, you're a traitor.

SC

2421. ... -.-. -. . . -.. ... .-. ..-

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 01:00:37 UTC
From: Mark@kb9rqz.aprs
Message-ID: <375il2hh8tsv3kuvapjvtm2pqub718au0h@4ax.com>
Source record: 49495
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.homebrew,rec.radio.amateur.policy

On Tue, 14 Nov 2006 00:55:11 GMT, Slow Code <my.mail@no.spam> wrote:

>N2EY@AOL.COM wrote in
>news:1163335905.242003.59790@b28g2000cwb.googlegroups.com:
>
>> John Smith wrote:
>>> N2EY@AOL.COM wrote:
>>> > ... They are written *by* me, but they are not *about* me. ...
>>>
>>> I strongly disagree with the above. They are about you. They
>>> describe, and I feel quite accurately, the depth, width and breadth of
>>> you, your thinking and your abilities.
>>
>> Well, I disagree somewhat. My posts simply state my thoughts and
>> observations on certain subjects. They do not "describe,....., the
>> depth, width and breadth of you, your
>> thinking and your abilities."
>>
>> There's more to me than what I post on Usenet. In fact, I try to post
>> as little about myself here as possible.
>>
>> OTOH, they *do* say something about me, their writer. They don't say
>> everything, but they do say something. So you do have a point - they
>> *are* about me to some extent.
>>
>>> I ask you, "If not, then why would you not structure your words
>>> differently?"
>>
>> I structure my words as best I can to convey the meanings intended.
>> That does not mean my postings are flawless!
>>
>>> NOTE: This message makes NO statement as to your words worth. It only
>>> points out the error in your statement.
>>
>> Good point. Thanks
>>
>> 73 de Jim, N2EY
>
>
>Anyone that enjoys CW and supports keeping the requirement is okay in my
>book.
>
>SC

>
... -.-. -. . . -.. ... .-. ..-
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2422. ... -.-. -. . . -.. ... .-. ..-

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 01:00:58 UTC
From: Mark@kb9rqz.aprs
Message-ID: <t95il2197t071i67eat4i04qvrvdv6g05e@4ax.com>
Source record: 49496
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Tue, 14 Nov 2006 00:54:50 GMT, Slow Code <my.mail@no.spam> wrote:

>X-rated Vermonter <k1xvnospam@arrl.net> wrote in
>news:2jucl2ph03e2elmaag3huj4t2nlusl7t5p@4ax.com:
>
>> On Wed, 08 Nov 2006 00:34:05 GMT, Slow Code <my.mail@no.spam> wrote:
>>
>>
>>>
>>>Code is just one part of it. Here's my four step plan that will keep
>>>ham radio from becoming like CB:
>>>
>>>
>>>Step 1: No more automatic renewals. Individuals must retest and
>>> pass all elements required for their license class.
>>>
>>>Step 2: The passing score for written exams needs to be raised to 85%.
>>>
>>>Step 3: Code elements should be 13 wpm for General, and 20 wpm for
>>>Extra.
>>>
>>>Step 4: Make the no-code license one year non-renewable.
>> +++++++++
>> Your plan will eliminate QRM. There will be nobody left with a
>> license.
>
>
>
>
>I know you're right. Requiring good operators will kill the service.

... -.-. -. . . -.. ... .-. ..-
>
>Hams just want to be appliance operators these days and they don't want
>license exams that will interfere with them getting to those appliances
>even though it means being less skilled. I don't see anyone modernizing
>like everyone says is happening. They just get their licenses and grab a
>microphone. What percentage of hams have a computer connected to a
>radio? Probably less than 30%. Hams don't want to modernize. Guess we
>just have live with inferior operators on the bands from here on out.
>Then again, maybe hams shouldn't be required to be knowledgable or have
>skills. Requiring skills and knowledge is too old skool. Everything must
>be outcome based these days, even licensing. It ain't like we have to

>help out in emergencies or anything. It's Quantity, not quality. We need
>more hams even if they aren't skilled.
>
>SC
http://kb9rqz.blogspot.com/

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Posted via a free Usenet account from http://www.teranews.com

2423. ... -.-. -. . . -.. ... .-. ..-

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 01:01:16 UTC
From: Mark@kb9rqz.aprs
Message-ID: <ia5il2ts9icgtclt1vdje51vvifjon64uj@4ax.com>
Source record: 49497
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Tue, 14 Nov 2006 00:55:10 GMT, Slow Code <my.mail@no.spam> wrote:

>X-rated Vermonter <k1xvnospam@arrl.net> wrote in
>news:3uucl2t9o653q45tlhssk5goil7kc8fa20@4ax.com:
>
>> On Sun, 12 Nov 2006 01:18:49 GMT, Slow Code <my.mail@no.spam> wrote:
>>
>> Why don't you go learn Morse in Arabic so you can spend your spare
>> time looking to intercept terrorist messages?
>
>
>I don't need to. That's why we have President Bush. Now I should learned
>arabic have if I had known Bill Clintoon and the democrats weren't going
>to do anything about the terrorists before Bush got in.
>
>That's the problem with democrats, they hate America, so they don't care
>if terrorists attack us. Democrats would rather attack the Bible.

... -.-. -. . . -.. ... .-. ..-
>
>SC
http://kb9rqz.blogspot.com/

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Posted via a free Usenet account from http://www.teranews.com

2424. ... -.-. -. . . -.. ... .-. ..-

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 01:02:17 UTC
From: Mark@kb9rqz.aprs
Message-ID: <bc5il2hu4ai2rv708fvdtthtt23mj1s9pf@4ax.com>
Source record: 49498
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Tue, 14 Nov 2006 00:55:14 GMT, Slow Code <my.mail@no.spam> wrote:

>"Paladin" <kb1ghh@hotmail.com> wrote in
>news:1163348029.661604.286410@h54g2000cwb.googlegroups.com:
>
>>
>> maskirovka wrote:
>>> "Slow Code" <my.mail@no.spam> wrote in message
>>> news:YSu4h.4114$0r.1277@newsread1.news.pas.earthlink.net...
>>> >
>>> > I hope one day the republicans figure that out.
>>> >
>>> > SC
>>>
>>> They can start by implimenting a voucher system for students of parents
>>> who can not afford private schools.
>>> The bulk of their ever increasing property taxes goes to fund the
>>> Socialist public school system. You know, the system that wants to do
>>> away with The Pledge and instead have our children site quotes from the
>>> koran.
>>
>>
>> WHERE THE HECK IS HAM RADIO ON THIS SITE!!!!!!!!!! PLE-E-E-Ease take
>> "it"elsewhere!
>>
>> PALADIN
>
>
>
>"Hello Antenna-Lovers,
> How do dual-band antennas work? I bought a COMET
>"SSB-7" antenna for my mobile radio. It worked great for a year or more
>and then,trouble. I don't know "HOW" to trouble-shoot it.
>Where on the antenna can I check for "continuity" or somewhere I can
>look to find a "fault" of sorts.
>It costs a bit more than a lower gain antenna. How can I trouble-shoot
>it ?"
>
>Just go get another one at Radio Shack.
>
>Tnx, 73, Good luck in the contest.

... -.-. -. . . -.. ... .-. ..-
>

>SC
http://kb9rqz.blogspot.com/

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Posted via a free Usenet account from http://www.teranews.com

2425. ... -.-. -. . . -.. ... .-. ..-

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 01:04:22 UTC
From: Mark@kb9rqz.aprs
Message-ID: <bg5il2tdrcucpa7f14ihg8ff27dhlq7afl@4ax.com>
Source record: 49499
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

On Tue, 14 Nov 2006 00:54:54 GMT, Slow Code <my.mail@no.spam> wrote:

>"Pat Stevens" <patstevens2@rochester.rr.com> wrote in
>news:CS76h.13376$zB4.1619@twister.nyroc.rr.com:
>
>> How in the world are they causing trouble to you in real life? You
>> aren't too bright, if you think that trolling in a newsgroup, is going
>> to protect you in real life.
>
>
>
>Please ignore the Turd Markie just dropped on this thread. If
>you try to figure it out, you'll just get a headache. TNX.

... -.-. -. . . -.. ... .-. ..-
http://kb9rqz.blogspot.com/

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Posted via a free Usenet account from http://www.teranews.com

2426. Re: OT...See if SC is dumber than dirt<<< yep he is dummber than dirt

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 01:05:13 UTC
From: Mark@kb9rqz.aprs
Message-ID: <jh5il25ul00dick32vt57jn4uuurg2cv7g@4ax.com>
Source record: 49500
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Tue, 14 Nov 2006 00:55:22 GMT, Slow Code <my.mail@no.spam> wrote:

>"U-Know-Who" <no-one@nowhere.com> wrote in
>news:q3H5h.2159$mR4.1217@tornado.texas.rr.com:
>
>>
>> "Slow Code" <my.mail@no.spam> wrote in message news:cEu5h.5298
>>>
>>>
>>> It's not unwritten policy, it's life. Those that work hardest get
>>> most. Unfortunately, a lot of people want only one class. A CB'er like
>>> class.
>>>
>>> You shouldn't have to work for anything, Just like liberalism and the
>>> democrats. Those that work hardest get the fruits of their labor
>>> punished, those that don't get welfare and handouts.
>>>
>>> SC
>>
>> Are you that fucking stupid and simplistic?
>>
>> Here's just one point, and of course, as usual, you'll have no
>> legitimate reply:
>>
>> Minimum wage. The GOP states that if the minimum wage is increased, the
>> cost of everything will rise. Probably so. Of course keeping it low
>> means that things will cost less, right? Let me see, if we give people a
>> wage that they can live on, we'll have less people getting welfare,
>> right? Sure, the cost of a hamburger may go up, but then again, I don't
>> actually need a hamburger, so I can live with that. And the taxpayers
>> will be getting a break in the form of less people on welfare. That
>> benefits me and you, right. Stick with me here SC, I know this thinking
>> for yourself stuff is hard for you, but I'll try to take it SLOW. These
>> same people will have more cash to spend, so that helps the economy,
>> right? So, if you and I benefit from an increase in minimum wage, who
>> loses? Well, it appears big business does, doesn't it? They are the ones
>> reaping the benefits of low labor costs, while at the same time raping
>> you and I because their employees cannot sustain themselves because of
>> an artificially low labor cost.
>>
>> This is just one point, SC. I know you're out of your league debating,
>> but do you care to try to dispel this fact?
>

>
>And to think I just thought you were a tiny little piss-ant, I see you're
>a whiney ass liberal now too.
>
>Get the government out of the way. Let the market place decide what the
>wage will be for any job. If someone wants a job with better pay they
>need to compete for it. That would also imply making an effort to better
>yourself, so you're better than the person that is also competing for the
>job.
>
>And if anyone don't work, they don't eat. It's called taking
>responsibility for yourself. Democrats create victims and nurture the
>notion that government is the only thing that can take care of you.
>

... -.-. -. . . -.. ... .-. ..-
>SC
http://kb9rqz.blogspot.com/

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Posted via a free Usenet account from http://www.teranews.com

2427. ... -.-. -. . . -.. ... .-. ..-

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 01:12:45 UTC
From: Mark@kb9rqz.aprs
Message-ID: <306il2l0hiaol51lafqakngvdes4tq0hhr@4ax.com>
Source record: 49501
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

On Tue, 14 Nov 2006 00:55:28 GMT, Slow Code <my.mail@no.spam> wrote:

>"Rayburn" <rayburnsweet@alltel.net> wrote in
>news:839d3$4557c97b$471cc028$9309@ALLTEL.NET:
>
>> I'm a REPUBLICAN but I just gotta say something about the House and
>> Senate being taken over by Democrats and Rummy Quitting before he is
>> bought up on charges
>>
>>
>>
>> MISSION ACCOMPLISHED!
>>
>> ROFL!
>>
>> RAYBURN
>
>
>You're not a Republican, you're a traitor.

... -.-. -. . . -.. ... .-. ..-
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2428. Re: OT...See if SC is dumber than dirt

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 01:20:45 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <NR86h.24329$rG.1390@tornado.texas.rr.com>
Source record: 49502
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"Slow Code" <my.mail@no.spam> wrote in message
news:_t86h.6414$L6.4234@newsread3.news.pas.earthlink.net...
> "U-Know-Who" <no-one@nowhere.com> wrote in
> news:q3H5h.2159$mR4.1217@tornado.texas.rr.com:
>
>>
>> "Slow Code" <my.mail@no.spam> wrote in message news:cEu5h.5298
>>>
>>>
>>> It's not unwritten policy, it's life. Those that work hardest get
>>> most. Unfortunately, a lot of people want only one class. A CB'er like
>>> class.
>>>
>>> You shouldn't have to work for anything, Just like liberalism and the
>>> democrats. Those that work hardest get the fruits of their labor
>>> punished, those that don't get welfare and handouts.
>>>
>>> SC
>>
>> Are you that fucking stupid and simplistic?
>>
>> Here's just one point, and of course, as usual, you'll have no
>> legitimate reply:
>>
>> Minimum wage. The GOP states that if the minimum wage is increased, the
>> cost of everything will rise. Probably so. Of course keeping it low
>> means that things will cost less, right? Let me see, if we give people a
>> wage that they can live on, we'll have less people getting welfare,
>> right? Sure, the cost of a hamburger may go up, but then again, I don't
>> actually need a hamburger, so I can live with that. And the taxpayers
>> will be getting a break in the form of less people on welfare. That
>> benefits me and you, right. Stick with me here SC, I know this thinking
>> for yourself stuff is hard for you, but I'll try to take it SLOW. These
>> same people will have more cash to spend, so that helps the economy,
>> right? So, if you and I benefit from an increase in minimum wage, who
>> loses? Well, it appears big business does, doesn't it? They are the ones
>> reaping the benefits of low labor costs, while at the same time raping
>> you and I because their employees cannot sustain themselves because of
>> an artificially low labor cost.
>>
>> This is just one point, SC. I know you're out of your league debating,
>> but do you care to try to dispel this fact?
>

>
> And to think I just thought you were a tiny little piss-ant, I see you're
> a whiney ass liberal now too.
>
> Get the government out of the way. Let the market place decide what the
> wage will be for any job. If someone wants a job with better pay they
> need to compete for it. That would also imply making an effort to better
> yourself, so you're better than the person that is also competing for the
> job.
>
> And if anyone don't work, they don't eat. It's called taking
> responsibility for yourself.

Wow! We actually agree on one thing. Unless of course, you cannot for some
true physical reason.

Democrats create victims and nurture the
> notion that government is the only thing that can take care of you.
>
> SC

2429. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 01:46:09 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <Wc96h.17934$U76.17338@bignews5.bellsouth.net>
Source record: 49503

```
"kd5sak" <kd5sak@sbcglobal.net> wrote in message
news:o106h.6731$6t.5347@newssvr11.news.prodigy.com...
>
> "Cecil Moore" <mycall@hotmail.com> wrote in message
> news:5Y_5h.1358$yE6.1335@newssvr14.news.prodigy.com...
>> John Smith wrote:
>>> What say you?
>>
>> Virtually everyone is in mutual agreement that there
>> was no such thing as time before the "time" of the
>> Big Bang. :-)
>>
>> Note that time is so ingrained in our language that
>> it is impossible to talk about a "time" before time.
>> T=0 occurred "immediately after" the Big Bang. :-)
>> --
>> 73, Cecil http://www.w5dxp.com
>
>
> Time existed before the BB, there was just nothing against which to index
> it.
> It's like when you're waiting as your Mrs. tries on clothes or shoes. Time
> stretches
> to infinity, it's a relativity thing.(G)
>
> Harold
> KD5SAK
>

Before the Big Bang everything may have existed pretty much as we know it
now. From some other perspective the universe as we know it may exist as it
did at the the instant in time we call the big bang.. In a universe of many
to infinite dimensions it seems there could always be at least one
perspective of the universe that would appear as a single point much as a
perspective of a line could appear as a single point.
```

2430. Re: i punce

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 01:50:01 UTC
From: The God of Odd Statements <godofodd@statements.likeyours>
Message-ID: <pan.2006.11.14.01.49.58.769376@statements.likeyours>
Source record: 49504
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,alt.usenet.kooks

On Mon, 13 Nov 2006 12:59:31 -0500, Wabbit, frogging Mark Morgan, did most oddly state:

And you're a raving, obnoxious, pathetic bigot!

--

Hail Eris! mhm 29x21; TM#5
Demon Lord of Confusion
COOSN-029-06-71069
Supreme High Overlord of rec.radio.*
Chuck Lysaght: Tarred & Feathered!

"Q: What do you call someone in the White House who is honest, caring, and well-read?
A: A tourist." -- Anonymous

"It would be offly hard for any of you to abuse me on usenet. Really. I have the advantage. I could easily turn alt.usenet.kooks into a cesspool of encoded posts. Bringing the noise ratio up so high as to make the group worthless. Anybody who can code could do this, why nobody has bothered before now is beyond me. The ultimate spamming engine.. 'BAWAHAHA'" -- Dustbin "Outer Filth" K00k's delusions of grandeur reached new heights, in Message-ID: <Xns98355D29419B9HHI2948AJD832@69.28.186.121>
"Immorality: The morality of those who are having a better time." -- H. L. Mencken

"Consider that language a moment. 'Purposefully and materially supported hostilities against the United States' is in the eye of the beholder, and this administration has proven itself to be astonishingly impatient with criticism of any kind. The broad powers given to Bush by this legislation allow him to capture, indefinitely detain, and refuse a hearing to any American citizen who speaks out against Iraq or any other part of the so-called 'War on Terror.'

"If you write a letter to the editor attacking Bush, you could be deemed as purposefully and materially supporting hostilities against the United States. If you organize or join a public demonstration against Iraq, or against the administration, the same designation could befall you. One dark-comedy aspect of the legislation is that senators or House members who publicly disagree with Bush, criticize him, or organize investigations into his dealings could be placed under the same designation. In effect, Congress just gave Bush the power to lock them up." -- William Rivers Pitt

"It has become clear in recent months that a critical mass of the American people have seen through the lies of the Bush administration; with the president's polls at an historic low, growing resistance to the war Iraq, and the Democrats likely to take back the Congress in mid-term elections, the Bush administration is on the ropes. And so it is particularly worrying that President Bush has seen fit, at this juncture to, in effect, declare himself dictator." -- Frank Morales
http://www.uruknet.biz/?p=m27769&hd=0&size=1&l=e&fark

"No man in History, including JESUS CHRIST, has directly revealed to the World the SATANIC WEAPON used to enslave mankind -- INTELLECTUAL THOUGHT!!" -- Ray Karczewski repeatedly proves his words in every post he makes

2431. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 01:58:33 UTC
From: Mike Coslo <mremovethiscoslo@adelphia.net>
Message-ID: <1MydnXJOC7BXv8TYnZ2dnUVZ_u2dnZ2d@comcast.com>
Source record: 49505

Cecil Moore wrote:
> Mike Coslo wrote:
>
>> Are you talking about displacement when you refer to physical dimension?
>
>
> I'm talking about the space dilation equation.
>
> x' = (x + vt)/SQRT(1 - v^2/c^2)

Dontcha just hate translating equations to ascii!! 8^)

Anyhow, what alterations to the equation do you propose that will allow or introduce the aging effect?

> Quoting George Gamow: "It was Einstein who first
> realized that Lorentz transformations actually
> correspond to physical reality ..."

All very well, but how do you argue for the velocity of light slowing down? How do you propose we attempt to measure this loss in velocity? I see those equations, and don't see that as any problem with light having a constant velocity.

- 73 de Mike KB3EIA -

2432. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 02:03:32 UTC
From: Brenda Ann <brendad@shinbiro.com>
Message-ID: <ejb84c$11d$1@news2.kornet.net>
Source record: 49506
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

"Slow Code" <my.mail@no.spam> wrote in message
news:Ot86h.6409$L6.1332@newsread3.news.pas.earthlink.net...
>
> That's the problem with democrats, they hate America, so they don't care
> if terrorists attack us. Democrats would rather attack the Bible.
>

Have any of you the remotest idea how insanely stupid that crap sounds?

--
Say no to institutionalized interference.
Just say NO to HD/IBOC!

2433. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 02:15:12 UTC
From: jawod <jawod@fuse.net>
Message-ID: <455926B0.5090201@fuse.net>
Source record: 49507
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

Brenda Ann wrote:
> "Slow Code" <my.mail@no.spam> wrote in message
> news:Ot86h.6409$L6.1332@newsread3.news.pas.earthlink.net...
>
>>That's the problem with democrats, they hate America, so they don't care
>>if terrorists attack us. Democrats would rather attack the Bible.
>>
>
>
> Have any of you the remotest idea how insanely stupid that crap sounds?
>
>
>
Yeah, SC is lame even as a troll. It's a shame what happens to
Mediaeval minds in a technocratic society. I use the term "mind" here
rather loosely.

2434. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 02:22:14 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <45592857$0$1015$39cecf19@news.twtelecom.net>
Source record: 49508

Roy Lewallen wrote:

> of a grounded vertical. Then he proposed drilling a hole in the ground
> and putting the vertical there, fed at ground level. This, he said,
> resulted in the "image" being above the ground. The perfect stealth
> antenna! Anyone who knows where this appeared -- must have been around
> the '60s -- would do me a favor by letting me know. I'd love to read it
> again. I've searched the entire collections of QST and HR to no avail.)

I remember an article with a slightly different twist on it. The
article proposed a use for old oil drilling sites - reusing the pipe
that was left behind in the hole. I think that it may have been a
Contest Journal April issue around 10 or 15 years ago.

tom
K0TAR

2435. ... -.-. -. . . -.. ... .-. ..-

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 02:23:25 UTC
From: Mark@kb9rqz.aprs
Message-ID: <o2ail2dujagq4saufot8rq0j9nfr065msk@4ax.com>
Source record: 49509
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Mon, 13 Nov 2006 21:15:12 -0500, jawod <jawod@fuse.net> wrote:

>Brenda Ann wrote:
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:Ot86h.6409$L6.1332@newsread3.news.pas.earthlink.net...
>>
>>>That's the problem with democrats, they hate America, so they don't care
>>>if terrorists attack us. Democrats would rather attack the Bible.
>>>
>>
>>
>> Have any of you the remotest idea how insanely stupid that crap sounds?
>>
>>
>>
>Yeah, SC is lame even as a troll. It's a shame what happens to
>Mediaeval minds in a technocratic society. I use the term "mind" here
>rather loosely.

indeed he is lame and a ludddite
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2436. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 02:24:07 UTC
From: "X-rated Vermonter"
Message-ID: <03ail2lpic1vcpmdo034106qi7ns7tmpma@4ax.com>
Source record: 49510
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Tue, 14 Nov 2006 00:55:10 GMT, Slow Code <my.mail@no.spam> wrote:

>X-rated Vermonter <k1xvnospam@arrl.net> wrote in
>news:3uucl2t9o653q45tlhssk5goil7kc8fa20@4ax.com:
>
>> On Sun, 12 Nov 2006 01:18:49 GMT, Slow Code <my.mail@no.spam> wrote:
>>
>> Why don't you go learn Morse in Arabic so you can spend your spare
>> time looking to intercept terrorist messages?
>
>
>I don't need to. That's why we have President Bush. Now I should learned
>arabic have if I had known Bill Clintoon and the democrats weren't going
>to do anything about the terrorists before Bush got in.
>
>That's the problem with democrats, they hate America, so they don't care
>if terrorists attack us. Democrats would rather attack the Bible.
>
>SC

++++++++++
President Bush knows no code, in Arabic or any other language. In
fact, he has trouble with the prerequisite for CW, the alphabet.

How could you have faith in some bozo who never even learned the code
and yet claims to be the Commander in Chief?? Shouldn't he be sitting
on the floor?

2437. ... -.-. -. . . -.. ... .-. ..-

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 02:32:28 UTC
From: Mark@kb9rqz.aprs
Message-ID: <8jail2h8kdqbon6mvfjcrk1ok5ard7mc2f@4ax.com>
Source record: 49511
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Mon, 13 Nov 2006 21:24:07 -0500, X-rated Vermonter wrote:

>On Tue, 14 Nov 2006 00:55:10 GMT, Slow Code <my.mail@no.spam> wrote:
>
>>X-rated Vermonter <k1xvnospam@arrl.net> wrote in
>>news:3uucl2t9o653q45tlhssk5goil7kc8fa20@4ax.com:
>>
>>> On Sun, 12 Nov 2006 01:18:49 GMT, Slow Code <my.mail@no.spam> wrote:
>>>
>>> Why don't you go learn Morse in Arabic so you can spend your spare
>>> time looking to intercept terrorist messages?
>>
>>
>>I don't need to. That's why we have President Bush. Now I should learned
>>arabic have if I had known Bill Clintoon and the democrats weren't going
>>to do anything about the terrorists before Bush got in.
>>
>>That's the problem with democrats, they hate America, so they don't care
>>if terrorists attack us. Democrats would rather attack the Bible.
>>
>>SC
>
>++++++++++
>President Bush knows no code, in Arabic or any other language. In
>fact, he has trouble with the prerequisite for CW, the alphabet.

interesting attacked
>
>How could you have faith in some bozo who never even learned the code
>and yet claims to be the Commander in Chief?? Shouldn't he be sitting
>on the floor?

somehow I am certain SC will avoid this one ... -.-. -. . . -.. ...
... ..-. ..-
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2438. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 03:06:45 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <9pa6h.9927$9v5.730@newssvr29.news.prodigy.net>
Source record: 49512

Mike Coslo wrote:
> Anyhow, what alterations to the equation do you propose that will
> allow or introduce the aging effect?

No alterations necessary. Just accept the equations
as literal facts of physics.

> All very well, but how do you argue for the velocity of light
> slowing down?

The velocity factor of empty space is changing. With
seconds getting shorter and space getting longer, light
just cannot travel as far in a second as it once did.
--
73, Cecil http://www.w5dxp.com

2439. Re: What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 04:07:08 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <85gil2tb2one7a2aiaj8agb7hl4pj5lnmo@4ax.com>
Source record: 49513

ORIGINAL MESSAGE:

On Sun, 12 Nov 2006 15:14:49 -0000, "Dave" <noone@nowhere.com> wrote:

>but rf doesn't flow 'into the earth'

------------ REPLY FOLLOWS ------------

Beware of making broad statements that are supposed to be true in all
cases. The one above is not.

Bill, W6WRT

2440. Re: TS-440SAT vs. AT-180 tuners

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 04:08:59 UTC
From: w9gb <spam_protect@arrl.net>
Message-ID: <RZSdnVXInqXD3MTYnZ2dnUVZ_sydnZ2d@comcast.com>
Source record: 49514

"David G. Nagel" <nagel@core.com> wrote in message
news:12lfgfdhklotg96@corp.supernews.com...
> Zommbee wrote:
>> Hello all,
>>
>> I have just acquired a Kenwood TS-440Sat (with auto-tuner). My antenna
>> is about
>> 150' of 'random wire' (of which 60 feet is in my attic, on the way to the
>> 70+feet that is
>> 'in the air'). I want to work all bands (160 - 10). Should I just turn
>> off the auto-tuner, or use
>> it in conjunction with my AT-180, which tunes 160m, as the 440-AT does
>> not) or
>> just bypass the AT-440 tuner altogether and just use the manual tuner?
>> In other words,
>> tune the AT-180, then let the 440-AT take over? Or just use the AT-180
>> for 160-meters,
>> and let the AT-440AT tune the rest of the bands (bypassing the AT-180)?
>>
>> Thanks,
>>
>> Dave WB7AWK

I own a TS-440SAT and an Icom 756Pro ... the older style tuner in the
Kenwood can handle more types of mismatches than the Icom relay system --
that said -- neither stack up well to a full featured "analog" tuner. It
will really depend on what frequencies you will use the most and your
specific antenna situation. I would try each separately in your situation
and then you have your answer -- part of this hobby is learning through
experimentation.

w9gb

2441. Re: HOW do "dual-band"VHF/UHF antennas work?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 05:42:04 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1163482924.898044.49620@k70g2000cwa.googlegroups.com>
Source record: 49515

> Did you crack that sucker open to perform an autopsy? If it is a
> goner anyway, that would be useful to observe and report here too.

Paladin, I'm sure we'd all be happy to help you out if you felt like taking the antenna apart at the base and taking a couple of photos or describing the components... it would certainly be fruitful if you just found a cold solder joint or something inside anyway... quick fix then.

Dan

2442. Re: Recommendations for 800 Mhz cell phone Yagi antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 07:23:14 UTC
From: dave <BLU_114_B@yahoo.com>
Message-ID: <C9e6h.4453$T_.3023@trndny06>
Source record: 49516

You'll need very low loss feedline, something along the lines of LDF4 heliax to take full advantage of it. So, that means working with "N" connectors until just before it goes into the bag phone. Fortunately for you there's s glut of that stuff on ebay from all the upgrades cell phone carriers are doing.

Also, make sure that the phone you're relying on will be served for years to come. Analog service is under review for possible turndown here in the US by 2008 or so.

You might consider backing a couple of spare 12v batteries (or whatever size it requires) to ensure an adequate supply of power.

The whole point of the yagi is a directional antenna, so it will be best suited for stationary applications.

"Tony VE6MVP" <tony@REMOVEve6mvp.com> wrote in message
news:q9vvk291tlejemhui3o6mia5v5njggo9kh@4ax.com...
> Folks
>
> So I'm thinking about emergency communications and it seems to me that
> an 800 Mhz Yagi antenna would be useful. I have one of those old
> Motorola bag phones which I use when travelling in rural Alberta.
>
> It works nice especially when on a 3' mag mount antenna on the vehicle
> roof but it seems to me a Yagi up 20' might be useful at times.
>
> Tony

2443. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 08:25:17 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <aduil2dbu1680mcl54jr8a4bnotr7jbd0o@4ax.com>
Source record: 49517

On Mon, 13 Nov 2006 16:10:04 -0700, Wes Stewart <n7ws*@*yahoo.com>
wrote:

>Also, Owen, I think you said earlier that the coax capacitance isn't a
>linear function of line length because of transmission line effects.
>
>The referenced authors have demonstrated that because of mutual
>coupling between the coax conductors and the way the trap is
>configured the line is actually just a capacitor.

Hi Wes,

I was referring to the configuration where the coax forms a o/c stub.

I know that there is an alternative configuration that is claimed to
be superior.

Looking at that alternative configuration where the outer of one end
of the coil is connected to the inner of the other end, and the
external terminals of the trap are the remaining ends:

One way of viewing the circuit is that it is an inductor formed by the
outer conductor of the coax connected to a peice of transmission line.
The impedance as transformed by the transmission line appears in
series with the inductor between the trap terminals.

Ignoring the interturn capacitance of the inductor, and using a trap
resonant at 7MHz using Belden 8262 (RG58C/U) as designed by VE6YP the
circuit looks like an inductance of 3.344uH with a reactance of 147.07
ohms. Lets assume a Q of ~200, so assign a series R of 0.7 ohms.

The coil is 0.7+j147.

VE6YP suggests the length of coax required is 1.53m.

Using my line loss calculator to determine the input Z of 1.53m of
8262 with a 0.7+j147 load gives input Z of 830-j3936.

Reducing frequency in search of the impedance maximum, I find it at
6.870MHz with inductance now 0.7+j144.3 around 20k ohms. This
impedance would appear in series with that of the inductor, so the
trap would have a Z somewhere around 20k ohms. (The Z is very
sensitive to the assumed resistance of the coil, and the loss in the
transmission line.)

Is there a flaw in this approach?

I am a little suspicious of an explanation that says the transmission line does not act like a transmission line.

Coincidentally, the input impedance of a 1.53m o/c stub of that line at 6.87MHz is 0.52-j144.3 (or exactly the opposite reactance to the inductor). A 0.7+j144.3 inductor in parallel with a 0.52-j144.3 capacitor yeilds Z of ~17k ohms... not very different to the superior configuration... if my explanation / analysis is valid.

Owen
--

2444. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 13:00:44 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <k9fjl2d1d296tcibm35gi5oo2tfj9ojqp3@4ax.com>
Source record: 49518

On Mon, 13 Nov 2006 20:21:45 GMT, Owen Duffy <owen@no.where> wrote:

>>Please describe "wander leads".
>
>Sure, it is just 6 inches of wire with a crocodile clip on one end and
>the other end wrapped+soldered to the wire on one side of the
>insulator. The croc clips are either clipped to wire on one side or
>other of the insulators to make a 40m half wave or 80m half wave.
>
>Owen
>>
>>John Ferrell W8CCW
I was hoping you had a method that allowed the change without dropping
the antenna!

John Ferrell W8CCW

2445. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 16:18:57 UTC
From: Michael Coslo <mjc5@psu.edu>
Message-ID: <ejcq9g$1m3e$1@f04n12.cac.psu.edu>
Source record: 49519

Cecil Moore wrote:
> Mike Coslo wrote:
>> Anyhow, what alterations to the equation do you propose that will
>> allow or introduce the aging effect?
>
> No alterations necessary. Just accept the equations
> as literal facts of physics.

Well, it looks like you look at something, and come to quite a
different conclusion a a lot of us do. 8^)

>
>> All very well, but how do you argue for the velocity of light slowing
>> down?
>
> The velocity factor of empty space is changing. With
> seconds getting shorter and space getting longer, light
> just cannot travel as far in a second as it once did.

You don't like relativity?

- 73 de Mike KB3EIA -

2446. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 16:43:52 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <cnm6h.7116$6t.6812@newssvr11.news.prodigy.com>
Source record: 49520

Michael Coslo wrote:
> You don't like relativity?

I apparently like it a lot better than some
astronomers and astrophysicists. The space
containing the Big Bang expanded a lot more
than it is possible for 3D space to expand.
Therefore, space is not three dimensional.
Latest theories are 10+ dimensions for space.
--
73, Cecil, http://www.qsl.net/w5dxp

2447. Terminating a Rhombic

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 17:14:09 UTC
From: ricknj10@hotmail.com
Message-ID: <4559f8cc.26623343@news.optonline.net>
Source record: 49521

If you will remember a few weeks ago I posted my story about building a rhombic. Status report - Two legs of it are up, meaning it is now a vee beam ! Although this is only half of a rhombic much more than 1/2 of the work has been done, because the wires are up in three of the four trees, and the feedline is attached and run into the tuner and the tuner is working.

How's it performing, compared to my standard antenna, a 3 ele SteppIR at 40 ft? Not so good. At times it is much, much noisier. Never has the signal strength been stronger on the vee. But wait a minute, it is not supposed to, it is much too short to qualify as a real vee beam. The leg lengths are 192 feet, and on 20 meters should be more like 6 wavelengths long. But it is not supposed to be a vee beam, it is supposed to be the first half of a rhombic. On with the story.

Ok, I need a little advice. For my termination on the rhombic I found the only power, non-inductive resistor I have in my junkbox is a 50 watt globar, 50 ohms. I want to match this to 450 ohms with a 9:1 broadband balun of some sort. I have determined with my modeling program that 450 ohms is an ok termination for my antenna, and will give me 19 db f/b (only a few db worse than other termination values I modeled). So what kind of core do I buy? Ferrite, powered iron? 2 inch diameter? Looks like I can run the exciter barefoot and get by, or put the glowbar in oil and get somewhat greater dissipation? But for now, running with just 100 watts will satisfy me.

As an aside, I have begun reading this newsgroup with Outlook Express. Not my favorite but at least it has the subject and sender filters, which work like a champ. Now I get almost no QRM, although about 75% of the messages are being rejected.

Rick K2XT

2448. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 18:10:09 UTC
From: Michael Coslo <mjc5@psu.edu>
Message-ID: <ejd0q2$13du$1@f04n12.cac.psu.edu>
Source record: 49522

Cecil Moore wrote:
> Michael Coslo wrote:
>> You don't like relativity?
>
> I apparently like it a lot better than some
> astronomers and astrophysicists. The space
> containing the Big Bang expanded a lot more
> than it is possible for 3D space to expand.
> Therefore, space is not three dimensional.
> Latest theories are 10+ dimensions for space.

I think that those thories have some nasty side effects that are making
a lot of people take a second look at them.

- 73 de Mike KB3EIA -

2449. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 18:21:55 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <7Pn6h.5870$Sw1.5621@newssvr13.news.prodigy.com>
Source record: 49523

Michael Coslo wrote:
> I think that those thories have some nasty side effects that are
> making a lot of people take a second look at them.

Yep, the inquisition didn't like Galileo's
side effects either. :-)
--
73, Cecil, http://www.qsl.net/w5dxp

2450. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 18:27:11 UTC
From: N2EY@AOL.COM
Message-ID: <1163528830.853735.229650@m73g2000cwd.googlegroups.com>
Source record: 49524

C. J. Clegg wrote:
> Good afternoon...
>
> Anybody know where I can find some formulas or design information for
> designing coax traps for a dipole?

Reg Edwards' COAXTRAP will get you close.

However, in my experience (several antennas since 1985, moslty 80/40 coax-trap dipoles and inverted Vees) with such traps, the formulas are only a guide. Unless you are very very lucky, you'll need to check them with a grid-dip meter. Adjusting resonance isn't easy, either. Be sure to check them with nothing attached.

> Any thoughts or advice?

Here ya go:

1) Use only high quality solid-dielectric coax. RG-58 is better than RG-174. Bigger pipe is better than smaller pipe - I use 2". Be ready to make a few test traps and waste some coax and PVC pipe.

2) Be aware that coax traps are not symmetrical. Which way you connect them in the antenna matters. (I learned this the hard way). I standardized on "center conductor end of trap goes towards center of dipole".

3) Weatherproof with plastic spray or some such. Even so, the traps' useful life is a few years. They're cheap, make a bunch.

4) You will have to test the traps themselves with a dip meter, and the antenna itself with an SWR meter. I've been able to get my antennas right where I want 'em this way, but it takes a bit of patience and keeping good notes. Some Burndy split-bolt connectors help, too.

5) Some folks claim lower losses by using two pieces of coax in parallel. I haven't tried this, because it's even more work than making a single-coax trap.

6) I have seen all sorts of claims for trap losses, but I don't know of any actual tests done to measure the real-world loss when used in an actual antenna. Such a real-world test might consist of building a test dipole that could be quickly lowered, running the legal limit into it for a measured period of time, then measuring the temperature rise.

7) I do know that in side-by-side operations on Field Day, stations using my homemade coaxtrap dipoles consistently equalled or outperformed stations using Carolina Windoms and G5RVs on the same

bands. (Same power level of rigs, etc.)

8) Consider twin-traps. Reg Edwards has a program for them, too.

A TwinTrap uses the coax trap idea applied to parallel line. The trap consists of a bifilar winding of wire on a piece of PVC pipe, with the End of Wire #1 connected to the Start of Wire #2. Start of Wire #1 and End of Wire #2 go to the antenna wires. The formulas say a TwinTrap has more L and less C than a typical coax trap, which may or may not help you. They are certainly easier to adjust!

--

My current antenna is an 80/40 coax-trap inverted V with the center at about 37 feet up and the ends about 12 feet up. Traps are RG-58 on 2" pipe (actual diameter about 2-1/2" IIRC), fed with RG-8X, no balun. Adjusted for minimum (less than 1.2 to 1) SWR at 3570 and 7070 kHz, will work on 20 with a tuner and about 3:1 SWR.

This antenna has been up several years at this QTH and wasn't new when I put it up. Should be replaced next summer. I use it with my homebrew 100 watt CW transceiver (google my callsign under "web" to see the station.)

In each of the past three November CW Sweepstakes, I have made over 420 QSOs per year, and at least 74 of the 80 sections, from here in EPA. Best was 443 QSOs and 77 sections. Never spent more than 19 hours in the contest. One of these days I may go to computer logging.

Good luck!

73 de Jim, N2EY

2451. Johnson Match Box

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 19:24:32 UTC
From: Willy <n4wc@bellsouth.com>
Message-ID: <lJo6h.29309$lY5.6732@bignews6.bellsouth.net>
Source record: 49525

Do you think that putting a 1:2 or 1:4 UNUN at the feedpoint of the KW
matchbox will extend the matching capability of this feedline tuner?
No feedline length changes are possible at this time!!!!!!!!!!!!

2452. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 19:33:19 UTC
From: Michael Coslo <mjc5@psu.edu>
Message-ID: <ejd5lv$1dss$1@f04n12.cac.psu.edu>
Source record: 49376

Cecil Moore wrote:
> Michael Coslo wrote:
>> I think that those thories have some nasty side effects that are
>> making a lot of people take a second look at them.
>
> Yep, the inquisition didn't like Galileo's
> side effects either. :-)

That may be true, but in this case, it is a number of the proponents of string theory rethinking their position.

- 73 de Mike KB3EIA -

2453. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 19:39:09 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <Xap6h.29330$lY5.14029@bignews6.bellsouth.net>
Source record: 49378

"Jim Kelley" <jwkelley@uci.edu> wrote in message
news:ejagtmaqn1@news.service.uci.edu...
>
>
> Cecil Moore wrote:
>> John Smith wrote:
>>
>>> This page contains instructions on how to construct a cheap and simple
>>> device to detect the ether.
>>
>>
>> Consider that the galactic red shift might be caused
>> by the expansion of the ether and not by movement of
>> the galaxies.
>
> Most current thought is that the expansion of the ether might be caused by
> the movement of (expansion of the space between) the galaxies.
>
> 73 ac6xg
>
It is entirely possible that the galaxies are moving further apart(red
shift) even though the universe itself may be shrinking.

2454. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 19:48:33 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <ejd6jh$a3m$1@news.service.uci.edu>
Source record: 49377

Cecil Moore wrote:

> Michael Coslo wrote:
>
>> I think that those thories have some nasty side effects that are
>> making a lot of people take a second look at them.
>
>
> Yep, the inquisition didn't like Galileo's
> side effects either. :-)

So they bet on the wrong horse. You might be doing the same thing, Cecil. Most theories are necessarily incorrect. We just don't always know which ones.

73, ac6xg

2455. Re: Terminating a Rhombic

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 19:58:09 UTC
From: tclay@qmc.ph.msstate.edu
Message-ID: <87irhhiywe.fsf@qmc.ph.msstate.edu>
Source record: 49379

>How's it performing, compared to my standard antenna, a 3 ele SteppIR
>at 40 ft? Not so good. At times it is much, much noisier. Never has
>the signal strength been stronger on the vee. But wait a minute, it
>is not supposed to, it is much too short to qualify as a real vee
>beam. The leg lengths are 192 feet, and on 20 meters should be more
>like 6 wavelengths long. But it is not supposed to be a vee beam, it
>is supposed to be the first half of a rhombic. On with the story.

That length is almost 3 wavelengths at 20m, and should definitely show
gain.

How high is the vee compared to the yagi? Are the wires uniformly high
or do they slope?

What is the angle between the two legs?

Are you feeding it with open wire line? If so, that could be picking up
noise depending on where you route it and your local noise sources.

The vee beam pattern (even at 3 wavelengths) is much narrower than the
yagi, so pointing it is fairly critical. I've used unterminated vee beams
of about that length (150-200 ft), and they were always clearly better
than simple verticals or dipoles in the vee's favored directions, even
on 20m. But I never had a 3 el yagi and vee up at the same time to compare.

Tor
N4OGW

2456. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 20:03:55 UTC
From: Pete <zs5actRemovethis@mweb.co.za>
Message-ID: <ejd7g7$48h$1@ctb-nnrp2.saix.net>
Source record: 49401

The link to VE6YP's page seems to have changed to this:
http://www.qsl.net/ve6yp/

Have fun making your traps.

--
Pete . .
ZS5ACT / ZS5ZZ

------ Reply Separator ------

"C. J. Clegg" <reply.in.group@nospam.no> wrote in message
news:pan.2006.11.13.03.05.36.692056@nospam.no...
>
> You guys sure are way beyond me in antenna and trap theory. :-)
>
> I probably neglected to mention earlier, but this antenna is for portable
> operation in the field on 75 and 40 (none of the other bands are needed),
> so it needs to be easy to put up and take down and easily transportable,
> also fairly rugged so things like airwound coils waving in the breexe with
> ceramic insulators inside the coil probably won't work; instead the coils
> will probably have to be tightly wound around small lengths of PVC pipe
> and lacquered in to place.
>
> I need to build several of these antennas (at least 10, I think, perhaps
> more), and so $16+ each for doorknob capacitors from places like
> rfparts.com isn't likely to be practical. That reason, along with ease of
> construction (and now ease of design with programs like Hamcalc around) is
> why I have been leaning towards coax traps.
>
> The bandwidth (of the traps or of the antenna itself) is not important and
> so high Q and narrow bandwidth is OK.
>
> Power levels will be low, never more than 200 watts and probably never
> more than 100 watts, and often around 10 watts.
>
> If you guys say coax traps are a sub-optimal approach I'll take your word
> for it.
>
> But, the things you all are saying about traps coming with a lot of
> baggage that no one ever thought of is making me nervous. :-)
>
> It's not exactly a new concept, trap antennas have been used with great
> success for what, 80+ years now?
>

> If I forget the coax trap idea and go with a resonant coil-and-capacitor
> approach on, say, a 1.5" coil form (which Hamcalc seems reasonably happy
> with after warning me that 2" was too big and 1" was too small), what
> should I look out for?
>
>

2457. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 20:28:08 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <sFp6h.10142$9v5.9916@newssvr29.news.prodigy.net>
Source record: 49380

Jim Kelley wrote:
> So they bet on the wrong horse. You might be doing the same thing,

I have faith in my beliefs. :-)

> Most theories are necessarily incorrect.

Except for yours, of course. :-)
--
73, Cecil, http://www.qsl.net/w5dxp

2458. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 20:41:48 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <ejd9np$cg9$1@news.service.uci.edu>
Source record: 49382

Jimmie D wrote:

> It is entirely possible that the galaxies are moving further apart(red
> shift) even though the universe itself may be shrinking.

Assuming negative volume in phase space. :-)

73, ac6xg

2459. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 20:48:11 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <48akl2dnsiq70iqeio20p097u3upk7c5d9@4ax.com>
Source record: 49381

On Tue, 14 Nov 2006 13:00:44 GMT, John Ferrell
<johnferrell@sprintmail.com> wrote:

>On Mon, 13 Nov 2006 20:21:45 GMT, Owen Duffy <owen@no.where> wrote:
>
>
>>>Please describe "wander leads".
>>
>>Sure, it is just 6 inches of wire with a crocodile clip on one end and
>>the other end wrapped+soldered to the wire on one side of the
>>insulator. The croc clips are either clipped to wire on one side or
>>other of the insulators to make a 40m half wave or 80m half wave.
>>
>>Owen
>>>
>>>John Ferrell W8CCW
>I was hoping you had a method that allowed the change without dropping
>the antenna!

No, no magic there John.

I was referring to use of a antenna for field operations, and mostly I
would rig the antenna as a sloper or an inverted V and it was
relatively easy to lower it, albeit inconvenient if weather was
poort... but field operations are not about convenience, now are they!

Owen
--

2460. Re: What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 20:54:56 UTC
From: Me <Me@shadow.orgs>
Message-ID: <Me-EA870C.11550814112006@netnews.att.net>
Source record: 49383

In article <85gil2tb2one7a2aiaj8agb7hl4pj5lnmo@4ax.com>,
Bill Turner <noway@nowhow.com> wrote:

> ORIGINAL MESSAGE:
>
> On Sun, 12 Nov 2006 15:14:49 -0000, "Dave" <noone@nowhere.com> wrote:
>
>
> >but rf doesn't flow 'into the earth'
>
> ------------ REPLY FOLLOWS ------------
>
> Beware of making broad statements that are supposed to be true in all
> cases. The one above is not.
>
> Bill, W6WRT

One statement that IS True, and has been around "Forever":

Ground is not Ground, the World Around........

Me and RF Ground, is not Ground Ground........

2461. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 21:12:02 UTC
From: Michael Coslo <mjc5@psu.edu>
Message-ID: <ejdbf2$170q$1@f04n12.cac.psu.edu>
Source record: 49384

Cecil Moore wrote:
> Jim Kelley wrote:
>> So they bet on the wrong horse. You might be doing the same thing,
>
> I have faith in my beliefs. :-)

And maybe that is a separator there, Cecil. I'm pretty sure of my position, but I don't have faith in it. Once enough evidence comes along to disprove it, I'll jump ship in a minute.

>> Most theories are necessarily incorrect.
>
> Except for yours, of course. :-)

ah, a paradox!

- 73 de Mike KB3EIA -

2462. Re: Terminating a Rhombic

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 21:22:19 UTC
From: Rick <ricknj10@hotmail.com>
Message-ID: <5sq6h.14$aS5.1@newsfe10.lga>
Source record: 49385

> That length is almost 3 wavelengths at 20m, and should definitely show
> gain.
It is essentially the first half of the rhombic from the Antenna book.

> How high is the vee compared to the yagi? Are the wires uniformly high
> or do they slope?
Vee is at 35 feet at the feed, and 25 ft at the ends (corners when it is a
rhombic).
Yagi is at 40 ft.
>
> What is the angle between the two legs?
52 degrees, equivalent to a 64 degree tilt angle when it is a rhombic
(maybe tomorrow),

> Are you feeding it with open wire line? If so, that could be picking up
> noise depending on where you route it and your local noise sources.
Yes.

2463. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 21:58:01 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <ejde7ifis1@news.service.uci.edu>
Source record: 49386

Cecil Moore wrote:

> Jim Kelley wrote:
>
>> So they bet on the wrong horse. You might be doing the same thing,
>
>
> I have faith in my beliefs. :-)
>
>> Most theories are necessarily incorrect.
>
>
> Except for yours, of course. :-)

:-)
There's theory, and then there's fact. I have some of the latter.
But it's the smart guys like you who tend to come up with the theories.

73, ac6xg

"Any good theory should always be consistent with the facts."

Jim Kelley

2464. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 22:12:56 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <lbr6h.10434$yl4.2229@newssvr12.news.prodigy.com>
Source record: 49387

Michael Coslo wrote:
> I'm pretty sure of my
> position, but I don't have faith in it.

If your position is not worthy of any faith
at all, why do you believe in it?
--
73, Cecil http://www.w5dxp.com

2465. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 22:14:39 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <jdr6h.10435$yl4.5990@newssvr12.news.prodigy.com>
Source record: 49388

Jim Kelley wrote:
> There's theory, and then there's fact.

What fact????
You can't even prove that you exist. :-)
--
73, Cecil http://www.w5dxp.com

2466. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 22:24:27 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <ejdfpggpm1@news.service.uci.edu>
Source record: 49389

Cecil Moore wrote:
> Jim Kelley wrote:
>
>> There's theory, and then there's fact.
>
>
> What fact????

Do you not believe in fact, Cecil?

> You can't even prove that you exist. :-)

There's evidence indicating that I do, and none indicating that I don't. So I'm at least a valid theory. What I can't prove is that I don't exist. For a number of reasons.

73, Jim AC6XG

2467. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 22:59:20 UTC
From: kd5sak <kd5sak@sbcglobal.net>
Message-ID: <cTr6h.15481$B31.6427@newssvr27.news.prodigy.net>
Source record: 49390

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:jdr6h.10435$yl4.5990@newssvr12.news.prodigy.com...
> Jim Kelley wrote:
>> There's theory, and then there's fact.
>
> What fact????
> You can't even prove that you exist. :-)
> --
> 73, Cecil http://www.w5dxp.com

Descartes said; "I think, therefore I am. Probably
would say today, " I think I am, therefore I may be"
Even philosophers tend to hedge their bets now, I reckon .

Harold
KD5SAK

2468. Re: float? What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-14 23:38:27 UTC
From: ml <m@di.net>
Message-ID: <m-B9AD23.18382914112006@news.verizon.net>
Source record: 49391

the real fooling part is somthing kinda simple, can be sooo tricky

In article <bl0fl2tem22sh5ljg6r5q3e7id4qeel05q@4ax.com>,
Richard Clark <kb7qhc@comcast.net> wrote:

> Hi Myles,
>
> Let's just cut to the chase with some selective editing:
>
> On Sun, 12 Nov 2006 16:14:21 GMT, ml <m@di.net> wrote:
>
> >> Any violation of this last rule brings grief.
> >> Such violations are legion and few escape.
>
> >(presume my electrical gnd is ok on the aka 3prong plug)
>
> B I N G O !
>
> You have won the traditional violation of the rule. This is the
> meaning of "legion," there are many, many, many such examples. Those
> who violate this rule are often blindsided by other violations along
> the way.
>
> What is the third prong of the 3 prong plug for? Most would say
> ground (and be blindsided to the complete term being "safety" ground).
> The 3rd prong is not designed to be current carrying in the
> conventional sense, only in the safety sense when the neutral wire or
> hot wire becomes exposed to the device user (basically forcing a short
> circuit that then opens through a blown fuse).
>
> So, you have TWO paths to ground:
> 1. Through neutral;
> 2. through safety ground.
>
> The question becomes:
> "What is the quality of it being RF ground?"
> Answer:
> "Neither 1 nor 2 above were ever considered
> in those terms. Hence the quality of their being
> RF ground is unknown and the presumption of being
> poor examples is a reasonable expectation."
>
> The next question becomes:
> "Why do I need their ground proximity?"
> Answer:

> "You don't - unless...."
>
> Unless
> 1. You are powering off the Mains;
> 2. Powering off battery that is being recharged off the Mains.
>
> Both numbers 1 & 2 are a frequent blindside to those attempting to
> isolate ground loops.
>
> 73's
> Richard Clark, KB7QHC

2469. Re: crapathon contiues

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 00:34:12 UTC
From: Cardinal Snarky of the Fannish Inquisition <inquisition@smof.org>
Message-ID: <pan.2006.11.15.00.34.09.182735@smof.org>
Source record: 49392
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.usenet.kooks

On Mon, 13 Nov 2006 18:34:48 -0500, Mark sat in thee Comfee Chaire, and
didst finally confess, after taking Muche Tea:
> On Mon, 13 Nov 2006 23:33:03 GMT, The Secretary of HomIntern wrote:
>>On Mon, 13 Nov 2006 12:09:13 -0500, Mark k'lamed:
>>> On Mon, 13 Nov 2006 10:41:46 GMT, Demon Lord of Confusion wrote:
>>>>On Sun, 12 Nov 2006 13:40:48 -0500, an old freind attempted to confuse
>>>>the issue further by squeaking:
>>>>
>>>> it about woger
>>>>
>>>>You know, I don't think I've ever encountered another group that was
>>>>literally almost entirely composed of RL stalkers.
>>>
>>> nah there are only 2-3 rl stalker on RRAP Roger Wismen aka woger et al.
>>> Robeson callisgn K4yz aka arf arf and maybe Slowcode and perhaps one
>>> other they just operate under so many sock puppets is seem like more
>>
>>Possibly, but they constitute the greater portion of effective regulars.
>
> obviously you do not read the gruop but then you are a <BITCHSLAP>

You'd best watch yourself, k00k. That kind of word isn't for any of your
sort to utter. You may have only won the Golden Killfile, but it's still
a kook award.

--

____
Hail Eris!
Demon Prince of Absurdity

"And no, I did not have sex with my son. But if I did I certainly
wouldn't tell you. Something so beautiful and precious should be kept
private." -- Kathy L. Mosesian, or possibly not really her, confesses
she may be a liar and committer of incest with her own son, in MID:
<cfcd3f4660694e3afeaadaa2723e9ab1@msgid.frell.theremailer.net>

The reporter asked Colin Powell (or George Bush), "What proof do you
have that Iraq has weapons of mass destruction?"
He replied, "We kept the receipts." -- Bill Hicks

"They thought I was fair game. I was an instrument of purpose to achieve
their desires and not 100 percent real and ALSO that they had me by the
short curlies because I thought that the world revolved around them and
therefore I think that I am fair game and rightly so. If they want to

play dirty, I get to too. It's not a one-way street. I will use the physcial strength that I have over them, my superior 5'7-3/4" height advantage, the boxing moves I paid to learn, the suprise of pussyfooting up to them with their back to me in a public place 18 1/2 years after the fact and thus not only do will they not know that I am but a pica's distance away from them, but that I even exist on earth." -- Chris Tsao is secretly John Wentzky's psychic twin. MID: <1161246083.152300.195760@m73g2000cwd.googlegroups.com>

Looney Maroon nominee for August 2006 Johnny D Wentzky foamed:
"You never asked someone who goes into areas of the internet that are only for adults who has an underage id somehow or another if they are a cop posing as an underage person online?
I guess lots of people just don't watch dateline or read stories much. Why don;t you go to pervertedjustice,com and see what they do. They are awash in their self-proclaimed glory after they lied to membners of the public.
They are awash in their self-proclaimed glory after they posed as an underage person and agreed to do all sorts of sex acts wioth adult males, and they are adults posing as teenager themselves. They make themsleves into liars by falsely impersonating underage persons and by not fuilfilling the words they tell the victims online in their chats. Why don't you read it where they tell these victims of their deceit about how they have been with grown men and such? Why don't you read it where they say, "That would be cool." after someone makes an advance towards an adult who is posing as a teenager? And, where they agree to meet the person, etc.
Lost control, didn't you?
Is that why you feel as if you need to lie so much now? I see where lots of these false impersonation games are not sticking. They feel as if they can lie and then order the victims to get counseling in the gayblade, governmental, pro-choice tax leech counseling centers. They are doing nothing more than usury and fraud in many cases." -- Wentzky almost comes out of the closet as a pedo/ephebophile in MID: <H%%Eg.28916$Uq1.22411@bignews6.bellsouth.net>

2470. Re: crapathon contiues

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 00:36:57 UTC
From: Mark@kb9rqz.aprs
Message-ID: <c7okl2l1ud9k6tp5mgph7qslplmh2c5130@4ax.com>
Source record: 49393
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.usenet.kooks

On Wed, 15 Nov 2006 00:34:12 GMT, Cardinal Snarky of the Fannish
Inquisition <inquisition@smof.org> wrote:

>On Mon, 13 Nov 2006 18:34:48 -0500, Mark sat in thee Comfee Chaire, and
>didst finally confess, after taking Muche Tea:
>> On Mon, 13 Nov 2006 23:33:03 GMT, The Secretary of HomIntern wrote:
>>>On Mon, 13 Nov 2006 12:09:13 -0500, Mark k'lamed:
>>>> On Mon, 13 Nov 2006 10:41:46 GMT, Demon Lord of Confusion wrote:
>>>>>On Sun, 12 Nov 2006 13:40:48 -0500, an old freind attempted to confuse
>>>>>the issue further by squeaking:
>>>>>
>>>>>> it about woger
>>>>>
>>>>>You know, I don't think I've ever encountered another group that was
>>>>>literally almost entirely composed of RL stalkers.
>>>>
>>>> nah there are only 2-3 rl stalker on RRAP Roger Wismen aka woger et al.
>>>> Robeson callisgn K4yz aka arf arf and maybe Slowcode and perhaps one
>>>> other they just operate under so many sock puppets is seem like more
>>>
>>>Possibly, but they constitute the greater portion of effective regulars.
>>
>> obviously you do not read the gruop but then you are a <BITCHSLAP>
>
>You'd best watch yourself, k00k. That kind of word isn't for any of your
>sort to utter. You may have only won the Golden Killfile, but it's still
>a kook award.
why should I watch myself you are likely even less dangerous than ole
woger
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2471. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 00:41:43 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <bnt6h.7443$ig4.7372@newsread2.news.pas.earthlink.net>
Source record: 49394
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

X-rated Vermonter wrote in
news:03ail2lpic1vcpmdo034106qi7ns7tmpma@4ax.com:

> On Tue, 14 Nov 2006 00:55:10 GMT, Slow Code <my.mail@no.spam> wrote:
>
>>X-rated Vermonter <k1xvnospam@arrl.net> wrote in
>>news:3uucl2t9o653q45tlhssk5goil7kc8fa20@4ax.com:
>>
>>> On Sun, 12 Nov 2006 01:18:49 GMT, Slow Code <my.mail@no.spam> wrote:
>>>
>>> Why don't you go learn Morse in Arabic so you can spend your spare
>>> time looking to intercept terrorist messages?
>>
>>
>>I don't need to. That's why we have President Bush. Now I should learned
>>arabic have if I had known Bill Clintoon and the democrats weren't going
>>to do anything about the terrorists before Bush got in.
>>
>>That's the problem with democrats, they hate America, so they don't care
>>if terrorists attack us. Democrats would rather attack the Bible.
>>
>>SC
>
> ++++++++++
> President Bush knows no code, in Arabic or any other language. In
> fact, he has trouble with the prerequisite for CW, the alphabet.

President Bush controls the bombs, he doesn't need to know CW. He hears
where the terrorists are and then wipes them out or captures them.

It really pisses the democrats off when he does that. After the new year,
President Bush will have a war on two fronts, terrorists abroad and a
terrorist democrat majority in congress.

SC

2472. Re: OT...See if SC is dumber than dirt

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 00:41:51 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <jnt6h.7448$ig4.7198@newsread2.news.pas.earthlink.net>
Source record: 49395
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"U-Know-Who" <no-one@nowhere.com> wrote in
news:NR86h.24329$rG.1390@tornado.texas.rr.com:

>
> "Slow Code" <my.mail@no.spam> wrote in message
> news:_t86h.6414$L6.4234@newsread3.news.pas.earthlink.net...
>> "U-Know-Who" <no-one@nowhere.com> wrote in
>> news:q3H5h.2159$mR4.1217@tornado.texas.rr.com:
>>
>>>
>>> "Slow Code" <my.mail@no.spam> wrote in message news:cEu5h.5298
>>>>
>>>>
>>>> It's not unwritten policy, it's life. Those that work hardest get
>>>> most. Unfortunately, a lot of people want only one class. A CB'er
>>>> like class.
>>>>
>>>> You shouldn't have to work for anything, Just like liberalism and the
>>>> democrats. Those that work hardest get the fruits of their labor
>>>> punished, those that don't get welfare and handouts.
>>>>
>>>> SC
>>>
>>> Are you that fucking stupid and simplistic?
>>>
>>> Here's just one point, and of course, as usual, you'll have no
>>> legitimate reply:
>>>
>>> Minimum wage. The GOP states that if the minimum wage is increased,
>>> the cost of everything will rise. Probably so. Of course keeping it
>>> low means that things will cost less, right? Let me see, if we give
>>> people a wage that they can live on, we'll have less people getting
>>> welfare, right? Sure, the cost of a hamburger may go up, but then
>>> again, I don't actually need a hamburger, so I can live with that. And
>>> the taxpayers will be getting a break in the form of less people on
>>> welfare. That benefits me and you, right. Stick with me here SC, I
>>> know this thinking for yourself stuff is hard for you, but I'll try to
>>> take it SLOW. These same people will have more cash to spend, so that
>>> helps the economy, right? So, if you and I benefit from an increase in
>>> minimum wage, who loses? Well, it appears big business does, doesn't
>>> it? They are the ones reaping the benefits of low labor costs, while
>>> at the same time raping you and I because their employees cannot
>>> sustain themselves because of an artificially low labor cost.

>>>
>>> This is just one point, SC. I know you're out of your league debating,
>>> but do you care to try to dispel this fact?
>>
>>
>> And to think I just thought you were a tiny little piss-ant, I see
>> you're a whiney ass liberal now too.
>>
>> Get the government out of the way. Let the market place decide what
>> the wage will be for any job. If someone wants a job with better pay
>> they need to compete for it. That would also imply making an effort to
>> better yourself, so you're better than the person that is also
>> competing for the job.
>>
>> And if anyone don't work, they don't eat. It's called taking
>> responsibility for yourself.
>
> Wow! We actually agree on one thing. Unless of course, you cannot for
> some true physical reason.

ROFL. See, I'm not bad after all.

Now go learn your CW so you can have a chair at the club meeting.

SC

2473. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 00:48:55 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ejdo7n$h27$1@news.ndhu.edu.tw>
Source record: 49396

Jim Kelley wrote:
>
>
> Cecil Moore wrote:
>> Jim Kelley wrote:
>>
>>> There's theory, and then there's fact.
>>
>>
>> What fact????
>
> Do you not believe in fact, Cecil?
>
>> You can't even prove that you exist. :-)
>
> There's evidence indicating that I do, and none indicating that I
> don't. So I'm at least a valid theory. What I can't prove is that I
> don't exist. For a number of reasons.
>
> 73, Jim AC6XG
>

Personally Jim, I doubt your existence. I have a theory you are much more likely to be a "brain in a bottle", you are nothing more than a brain in some aliens laboratory and housed within life support equipment, the body you see as yours is only imagined and a very good illusion.

Some of us here are just like you, but I am real (a "control" in the experiment you are involved in.) And, I do understand how all this can be so confusing.

Regards,
JS

2474. Re: OT...See if SC is dumber than dirt

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 00:50:04 UTC
From: Mark@kb9rqz.aprs
Message-ID: <j1pkl2picjtrad8fopuejtgm23qiq6u3bk@4ax.com>
Source record: 49397
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Wed, 15 Nov 2006 00:41:51 GMT, Slow Code <my.mail@no.spam> wrote:

>"U-Know-Who" <no-one@nowhere.com> wrote in
>news:NR86h.24329$rG.1390@tornado.texas.rr.com:
>
>>
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:_t86h.6414$L6.4234@newsread3.news.pas.earthlink.net...
>>> "U-Know-Who" <no-one@nowhere.com> wrote in
>>> news:q3H5h.2159$mR4.1217@tornado.texas.rr.com:
>>>
>>>>
>>>> "Slow Code" <my.mail@no.spam> wrote in message news:cEu5h.5298
>>>>>
>>>>>
>>>>> It's not unwritten policy, it's life. Those that work hardest get
>>>>> most. Unfortunately, a lot of people want only one class. A CB'er
>>>>> like class.
>>>>>
>>>>> You shouldn't have to work for anything, Just like liberalism and the
>>>>> democrats. Those that work hardest get the fruits of their labor
>>>>> punished, those that don't get welfare and handouts.
>>>>>
>>>>> SC
>>>>
>>>> Are you that fucking stupid and simplistic?
>>>>
>>>> Here's just one point, and of course, as usual, you'll have no
>>>> legitimate reply:
>>>>
>>>> Minimum wage. The GOP states that if the minimum wage is increased,
>>>> the cost of everything will rise. Probably so. Of course keeping it
>>>> low means that things will cost less, right? Let me see, if we give
>>>> people a wage that they can live on, we'll have less people getting
>>>> welfare, right? Sure, the cost of a hamburger may go up, but then
>>>> again, I don't actually need a hamburger, so I can live with that. And
>>>> the taxpayers will be getting a break in the form of less people on
>>>> welfare. That benefits me and you, right. Stick with me here SC, I
>>>> know this thinking for yourself stuff is hard for you, but I'll try to
>>>> take it SLOW. These same people will have more cash to spend, so that
>>>> helps the economy, right? So, if you and I benefit from an increase in
>>>> minimum wage, who loses? Well, it appears big business does, doesn't
>>>> it? They are the ones reaping the benefits of low labor costs, while

>>>> at the same time raping you and I because their employees cannot
>>>> sustain themselves because of an artificially low labor cost.
>>>>
>>>> This is just one point, SC. I know you're out of your league debating,
>>>> but do you care to try to dispel this fact?
>>>
>>>
>>> And to think I just thought you were a tiny little piss-ant, I see
>>> you're a whiney ass liberal now too.
>>>
>>> Get the government out of the way. Let the market place decide what
>>> the wage will be for any job. If someone wants a job with better pay
>>> they need to compete for it. That would also imply making an effort to
>>> better yourself, so you're better than the person that is also
>>> competing for the job.
>>>
>>> And if anyone don't work, they don't eat. It's called taking
>>> responsibility for yourself.
>>
>> Wow! We actually agree on one thing. Unless of course, you cannot for
>> some true physical reason.
>
>
>
>ROFL. See, I'm not bad after all.

... -.-. -. . . -.. ... .-. ..-
>
>Now go learn your CW so you can have a chair at the club meeting.
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2475. Re: What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 00:59:14 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ejdor4$1291$1@news.ndhu.edu.tw>
Source record: 49398

Me wrote:
> In article <85gil2tb2one7a2aiaj8agb7hl4pj5lnmo@4ax.com>,
> Bill Turner <noway@nowhow.com> wrote:
>
>> ORIGINAL MESSAGE:
>>
>> On Sun, 12 Nov 2006 15:14:49 -0000, "Dave" <noone@nowhere.com> wrote:
>>
>>
>>> but rf doesn't flow 'into the earth'
>> ------------ REPLY FOLLOWS ------------
>>
>> Beware of making broad statements that are supposed to be true in all
>> cases. The one above is not.
>>
>> Bill, W6WRT
>
> One statement that IS True, and has been around "Forever":
>
> Ground is not Ground, the World Around........
>
>
> Me and RF Ground, is not Ground Ground........

As was pointed out before and mentioned by someone else, if the antenna is mounted so as to be fed by a feed-line running at ground level AND fed at this low point (coax probably best in such close proximity to "ground ground")--and a set of rf grounding radials emanate in all directions from this feed point (but just below ground), BOTH EARTH GROUND and RF GROUND are at or "are very near" exact points.

For most other situations which come to mind, your statement is true.

JS

2476. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 01:17:10 UTC
From: "X-rated Vermonter"
Message-ID: <sbqkl2hokjac77d5lat45v02vi4r2f4q7r@4ax.com>
Source record: 49399
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Wed, 15 Nov 2006 00:41:43 GMT, Slow Code <my.mail@no.spam> wrote:

>President Bush controls the bombs, he doesn't need to know CW. He hears
>where the terrorists are and then wipes them out or captures them.

>SC
++++++++++
So we need CW to make sure that things are not dumbed down, but you
support someone in charge so dumb that he never learned CW when he
could have done so in the military?

You accept some no-coder making all the life decisions for SC?

You are confused. Go sit on the floor until you have it figured out.

2477. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 02:25:39 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12lkul4apu8sq19@corp.supernews.com>
Source record: 49400

N2EY@AOL.COM wrote:
> . . .
> 6) I have seen all sorts of claims for trap losses, but I don't know of
> any actual tests done to measure the real-world loss when used in an
> actual antenna. Such a real-world test might consist of building a test
> dipole that could be quickly lowered, running the legal limit into it
> for a measured period of time, then measuring the temperature rise.
> . . .

How do you get quantitative data from that method? How many degrees per dB?

A more direct way is to hoist the antenna up, measure the field strength, then replace it with a full size untrapped dipole, measure again, and compare. (Then hoist up the first antenna again and make sure you get the same reading as before.) The best way to measure the field strength is either with a fixed signal source some distance away and a step attenuator at the receiver, or by enlisting the help of a neighboring ham with either a fixed signal at his end or a fixed signal at your end and a step attenuator at his. I've used this latter method to measure a shortened 40 meter dipole. However, it's important to make sure the other station's antenna is polarized the same and that you both have well-decoupled feedlines. You also have to watch out for sky wave interference -- we saw enough in the afternoon on 40 meters to produce a dB or so QSB -- at a distance of one mile! So it might be necessary to average some readings over a short period of time.

Make sure you measure it on all bands of operation. As I've mentioned before, it's common to have higher loss on bands other than the one where the trap is resonant.

Over the years I've gained enough trust in modeling that I believe the model results for trap dipole loss. In fact, I've also gained a very healthy respect for the difficulty in making even simple RF measurements, so I often tend to trust the model results more than measured ones. Of course, the model results depend on accurate trap impedance measurements. But I'm able to make those with reasonable accuracy.

Roy Lewallen, W7EL

2478. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 04:10:20 UTC
From: Mike Coslo <mremovethiscoslo@adelphia.net>
Message-ID: <WrydnUnRhp6xDsfYnZ2dnUVZ_oydnZ2d@comcast.com>
Source record: 49402

kd5sak wrote:
> "Cecil Moore" <mycall@hotmail.com> wrote in message
> news:jdr6h.10435$yl4.5990@newssvr12.news.prodigy.com...
>
>>Jim Kelley wrote:
>>
>>>There's theory, and then there's fact.
>>
>>What fact????
>>You can't even prove that you exist. :-)
>>--
>>73, Cecil http://www.w5dxp.com
>
>
>
> Descartes said; "I think, therefore I am. Probably
> would say today, " I think I am, therefore I may be"
> Even philosophers tend to hedge their bets now, I reckon .

Descartes was in a parade at the University of Poitiers one year. They also had a fine stallion they wanted to show off. The owner of the horse and the parade organizer had a big argument over who would go first until they agreed to put Descartes before the horse.

- 73 de Mike KB3EIA -

2479. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 04:14:31 UTC
From: Mike Coslo <mremovethiscoslo@adelphia.net>
Message-ID: <ppWdnaHbT8C6CcfYnZ2dnUVZ_tqdnZ2d@comcast.com>
Source record: 49403

John Smith wrote:
> Jim Kelley wrote:
>
>>
>>
>> Cecil Moore wrote:
>>
>>> Jim Kelley wrote:
>>>
>>>> There's theory, and then there's fact.
>>>
>>>
>>>
>>> What fact????
>>
>>
>> Do you not believe in fact, Cecil?
>>
>>> You can't even prove that you exist. :-)
>>
>>
>> There's evidence indicating that I do, and none indicating that I
>> don't. So I'm at least a valid theory. What I can't prove is that I
>> don't exist. For a number of reasons.
>>
>> 73, Jim AC6XG
>>
>
> Personally Jim, I doubt your existence. I have a theory you are much
> more likely to be a "brain in a bottle", you are nothing more than a
> brain in some aliens laboratory and housed within life support
> equipment, the body you see as yours is only imagined and a very good
> illusion.

Kewl!!!

> Some of us here are just like you, but I am real (a "control" in the
> experiment you are involved in.) And, I do understand how all this can
> be so confusing.

Your post brings to mind my theory of newsgroups, John. Many people do
not look at the other poster(s) as human beings. It is just some sort of
interactive sparring match with their computer. Kind of like the old
game Zork, but with infinite variability, and only one room filled with
"the enemy"..

- 73 de Mike KB3EIA -

2480. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 04:20:47 UTC
From: Mike Coslo <mremovethiscoslo@adelphia.net>
Message-ID: <U6qdnYs4CukCCMfYnZ2dnUVZ_rCdnZ2d@comcast.com>
Source record: 49404

Cecil Moore wrote:
> Michael Coslo wrote:
>
>> I'm pretty sure of my position, but I don't have faith in it.
>
>
> If your position is not worthy of any faith
> at all, why do you believe in it?

Faith is a fine thing for religion, not science.

If there are 3 known types of wombats in the world, I'd agree there are three. If a 4th type is discovered, I will change my mind and agree that there are 4 types. I allow the possibility for change.

If I had faith that there were 3 types, I could continue to have that faith.

Faith is not about fact. Faith is about what you "know" without proof.

- 73 de Mike KB3EIA -

2481. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 04:57:38 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <67x6h.10759$9v5.7835@newssvr29.news.prodigy.net>
Source record: 49405

Mike Coslo wrote:
> Faith is a fine thing for religion, not science.

You have faith in your ability to understand science.
It is possible that you (and I) don't really understand
a single thing about science.
--
73, Cecil http://www.w5dxp.com

2482. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 04:58:46 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <eje6s3$2gbf$1@news.ndhu.edu.tw>
Source record: 49406

```
Mike Coslo wrote:
> John Smith wrote:
>> Jim Kelley wrote:
>>
>>>
>>>
>>> Cecil Moore wrote:
>>>
>>>> Jim Kelley wrote:
>>>>
>>>>> There's theory, and then there's fact.
>>>>
>>>>
>>>>
>>>> What fact????
>>>
>>>
>>> Do you not believe in fact, Cecil?
>>>
>>>> You can't even prove that you exist. :-)
>>>
>>>
>>> There's evidence indicating that I do, and none indicating that I
>>> don't. So I'm at least a valid theory. What I can't prove is that I
>>> don't exist. For a number of reasons.
>>>
>>> 73, Jim AC6XG
>>>
>>
>> Personally Jim, I doubt your existence. I have a theory you are much
>> more likely to be a "brain in a bottle", you are nothing more than a
>> brain in some aliens laboratory and housed within life support
>> equipment, the body you see as yours is only imagined and a very good
>> illusion.
>
> Kewl!!!
>
>
>> Some of us here are just like you, but I am real (a "control" in the
>> experiment you are involved in.) And, I do understand how all this
>> can be so confusing.
>
> Your post brings to mind my theory of newsgroups, John. Many people do
> not look at the other poster(s) as human beings. It is just some sort of
```

> interactive sparring match with their computer. Kind of like the old
> game Zork, but with infinite variability, and only one room filled with
> "the enemy"..
>
> - 73 de Mike KB3EIA -

Mike:

Thanks! You were able to see the difficulty in my words and say what I
wanted to, and better!

Regards,
John

2483. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 05:00:42 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <eje6vn$2gbf$2@news.ndhu.edu.tw>
Source record: 49407

Cecil Moore wrote:
> Mike Coslo wrote:
>> Faith is a fine thing for religion, not science.
>
> You have faith in your ability to understand science.
> It is possible that you (and I) don't really understand
> a single thing about science.

Cecil:

Ahhh, why did you have to go and admit that? Still, if as you say is
so, we will just find someone else who knows less and point at him!
<evil grin>

Regards,
John

2484. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 05:19:25 UTC
From: jawod <jawod@fuse.net>
Message-ID: <455AA35D.8000003@fuse.net>
Source record: 49408
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

>
> President Bush controls the bombs, he doesn't need to know CW. He hears
> where the terrorists are and then wipes them out or captures them.
>
Put down your comic book and go troll somewhere where they give a shit.

2485. Re: Need design info on coax traps for dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 06:14:22 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <uabll2hkjeehk5oq9k71m5kgsatnn99t50@4ax.com>
Source record: 49409

On Tue, 14 Nov 2006 08:25:17 GMT, Owen Duffy <owen@no.where> wrote:

>On Mon, 13 Nov 2006 16:10:04 -0700, Wes Stewart <n7ws*@*yahoo.com>
>wrote:
>

>Reducing frequency in search of the impedance maximum, I find it at
>6.870MHz with inductance now 0.7+j144.3 around 20k ohms. This
>impedance would appear in series with that of the inductor, so the
>trap would have a Z somewhere around 20k ohms. (The Z is very
>sensitive to the assumed resistance of the coil, and the loss in the
>transmission line.)
>
>Is there a flaw in this approach?

I think there is, the voltage drop across the coil will be very
similar to that looking into the coax, the the total voltage drop
across the whole trap might be more like double, and the impedance
more like double. I need to develop a more detailed model to get
better accuracy!

Owen
--

2486. Re: crapathon contiues

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 07:04:04 UTC
From: The God of Odd Statements <godofodd@statements.likeyours>
Message-ID: <pan.2006.11.15.07.04.00.384651@statements.likeyours>
Source record: 49410
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.usenet.kooks

On Tue, 14 Nov 2006 19:36:57 -0500, Mark did most oddly state:
> On Wed, 15 Nov 2006 00:34:12 GMT, Cardinal Snarky of the Fannish
> Inquisition wrote:
>>On Mon, 13 Nov 2006 18:34:48 -0500, Mark sat in thee Comfee Chaire, and
>>didst finally confess, after taking Muche Tea:
>>> On Mon, 13 Nov 2006 23:33:03 GMT, The Secretary of HomIntern wrote:
>>>>On Mon, 13 Nov 2006 12:09:13 -0500, Mark k'lamed:
>>>>> On Mon, 13 Nov 2006 10:41:46 GMT, Demon Lord of Confusion wrote:
>>>>>>On Sun, 12 Nov 2006 13:40:48 -0500, an old freind attempted to
>>>>>>confuse the issue further by squeaking:
>>>>>>
>>>>>> it about woger
>>>>>>
>>>>>>You know, I don't think I've ever encountered another group that was
>>>>>>literally almost entirely composed of RL stalkers.
>>>>>
>>>>> nah there are only 2-3 rl stalker on RRAP Roger Wismen aka woger et
>>>>> al. Robeson callisgn K4yz aka arf arf and maybe Slowcode and perhaps
>>>>> one other they just operate under so many sock puppets is seem like
>>>>> more
>>>>
>>>>Possibly, but they constitute the greater portion of effective
>>>>regulars.
>>>
>>> obviously you do not read the gruop but then you are a <BITCHSLAP>
>>
>>You'd best watch yourself, k00k. That kind of word isn't for any of your
>>sort to utter. You may have only won the Golden Killfile, but it's still
>>a kook award.
> why should I watch myself you are likely even less dangerous than ole
> woger

More than one k00k has gone on to win multiple awards after winning the GK, and look up "Edmond Wollmann", "Raymond Karczewski", "Richard Bullis", and "Richard M(orton) Scoville" for examples of what it can mean to win them. Usenet is not intrinsically "real life", but if you insist on making it that way, it will only be so for you. Mind you, in a group full of real-lifing stalkers, I suppose it's real for all of you.

--

____
Hail Eris! mhm 29x21; TM#5

Demon Lord of Confusion
COOSN-029-06-71069
Supreme High Overlord of rec.radio.*
Chuck Lysaght: Tarred & Feathered!

"Q: What do you call someone in the White House who is honest, caring, and well-read?
A: A tourist." -- Anonymous

"It would be offly hard for any of you to abuse me on usenet. Really. I have the advantage. I could easily turn alt.usenet.kooks into a cesspool of encoded posts. Bringing the noise ratio up so high as to make the group worthless. Anybody who can code could do this, why nobody has bothered before now is beyond me. The ultimate spamming engine.. 'BAWAHAHA'" -- Dustbin "Outer Filth" K00k's delusions of grandeur reached new heights, in Message-ID: <Xns98355D29419B9HHI2948AJD832@69.28.186.121>
"Immorality: The morality of those who are having a better time." -- H. L. Mencken

"Consider that language a moment. 'Purposefully and materially supported hostilities against the United States' is in the eye of the beholder, and this administration has proven itself to be astonishingly impatient with criticism of any kind. The broad powers given to Bush by this legislation allow him to capture, indefinitely detain, and refuse a hearing to any American citizen who speaks out against Iraq or any other part of the so-called 'War on Terror.'

"If you write a letter to the editor attacking Bush, you could be deemed as purposefully and materially supporting hostilities against the United States. If you organize or join a public demonstration against Iraq, or against the administration, the same designation could befall you. One dark-comedy aspect of the legislation is that senators or House members who publicly disagree with Bush, criticize him, or organize investigations into his dealings could be placed under the same designation. In effect, Congress just gave Bush the power to lock them up." -- William Rivers Pitt

"It has become clear in recent months that a critical mass of the American people have seen through the lies of the Bush administration; with the president's polls at an historic low, growing resistance to the war Iraq, and the Democrats likely to take back the Congress in mid-term elections, the Bush administration is on the ropes. And so it is particularly worrying that President Bush has seen fit, at this juncture to, in effect, declare himself dictator." -- Frank Morales
http://www.uruknet.biz/?p=m27769&hd=0&size=1&l=e&fark

"No man in History, including JESUS CHRIST, has directly revealed to the World the SATANIC WEAPON used to enslave mankind -- INTELLECTUAL THOUGHT!!" -- Ray Karczewski repeatedly proves his words in every post he makes

2487. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 11:21:55 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <fLC6h.68$TE.58@bignews1.bellsouth.net>
Source record: 49411

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:dCS4h.1978$6t.1507@newssvr11.news.prodigy.com...
> John Smith wrote:
>> Perhaps he was correct, you think?
>
> Of course, he was correct. Empty space has been
> proved not to be empty and certainly appears to
> have a structure with particles winking in and
> out of existence. The physicists were correct
> about the existence of the medium (ether) but they
> made incorrect assumptions about its nature. It was
> a mistake to assume the ether didn't exist just
> because its nature was different than expected.
> --
> 73, Cecil http://www.w5dxp.com

I dont think that the problem is that thought space was empty, rather than
that they thought space was nothing.

2488. Re: Johnson Match Box

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 12:06:12 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1163592372.011360.164500@b28g2000cwb.googlegroups.com>
Source record: 49412

All the transformer will do is change the impedence... What it will not
do is correct reactance... So,if the matchbox is simply beyond its
impedence range the unun 'might' help... But if there is uncompensated
reactance <which is almost guaranteed> it will not help with that..

denny / k8do

Willy wrote:
> Do you think that putting a 1:2 or 1:4 UNUN at the feedpoint of the KW
> matchbox will extend the matching capability of this feedline tuner?
> No feedline length changes are possible at this time!!!!!!!!!!!!

2489. Re: Terminating a Rhombic

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 12:15:15 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1163592915.591967.287130@h48g2000cwc.googlegroups.com>
Source record: 49413
Body handling: HTML body converted to readable text

Rick, you haven't told us where you are and what the heading is down
the center of the vee///

I have noise between me and europe - 45 degrees from mid Michigan and
right through the edge of the auroral zone) on my switchable
arrays - this is on 80 meters...
Beaming NW is the quiet direction...
NE is the noisy ...
SE and SW are intermediate except when there are storms in a particular
direction...
A few days ago when there were massive storms over Texas area the SW
array was the noise champ; 30 over blasts with a steady S9 roar... On
a relative basis EU was quiet that night...

denny / k8do

Rick wrote:
> > That length is almost 3 wavelengths at 20m, and should definitely show
> > gain.
> It is essentially the first half of the rhombic from the Antenna book.
>
> > How high is the vee compared to the yagi? Are the wires uniformly high
> > or do they slope?
> Vee is at 35 feet at the feed, and 25 ft at the ends (corners when it is a
> rhombic).
> Yagi is at 40 ft.
> >
> > What is the angle between the two legs?
> 52 degrees, equivalent to a 64 degree tilt angle when it is a rhombic
> (maybe tomorrow),
>
> > Are you feeding it with open wire line? If so, that could be picking up
> > noise depending on where you route it and your local noise sources.
> Yes.

2490. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 12:41:44 UTC
From: Ol Pete <zolpetez@softzhome.net>
Message-ID: <20061115064255168O7-zolpetez@softzhomenet>
Source record: 49414
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On 2006-11-14 18:41:43 -0600, Slow Code <my.mail@no.spam> said:

> He hears
> where the terrorists are and then wipes them out or captures them.
> It really pisses the democrats off when he does that.

What a dopey fantasy.

In case you missed it, Bush backtracked on all his Dems are terrorists
BS. I suppose you think he won't fire Rumsfeld because he is doing a
fantastic job.

He's a traitor and a coward.

2491. Re: Terminating a Rhombic

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 14:24:24 UTC
From: Rick <ricknj10@hotmail.com>
Message-ID: <hqF6h.10$hB7.7@newsfe12.lga>
Source record: 49415

> Rick, you haven't told us where you are and what the heading is down
> the center of the vee///

The vee is only temporary, since it is really only the first half of my rhombic so I don't really expect much out of it, but couldn't resist hooking it up to the tuner. This enabled me to get the homebrew tuner to resonate.

The vee/rhombic is aimed 47 degrees from central NJ, which puts it on central Europe.

The crankup tower, currently sitting at 40 ft but will go to 72, is at least 100 ft behind and off to the side of the rhombic and has a 3 ele SteppIR.

I'll provide more info later as today I hope to get up the 4th support wire and can then make the vee into a real rhombic. The problem is, I only have a 4 watt terminating resistor so can only use it for receiving or maybe 10 watt qrp for comparisons. Still looking for a 500 watt terminating resistor or a means of coupling to a 50 ohm load.

Rick K2XT

2492. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 14:41:58 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <WGF6h.10556$yl4.1251@newssvr12.news.prodigy.com>
Source record: 49416

Jimmie D wrote:
> I dont think that the problem is that thought space was empty, rather than
> that they thought space was nothing.

If there really were *nothing* there, there would
be nothing through which EM waves could propagate.
Therefore, there is something there. *Nothing* is
outside of the universe. Something is inside the
universe. EM waves cannot propagate through nothing
outside of the universe. They only propagate through
something inside the universe.
--
73, Cecil http://www.w5dxp.com

2493. matching 50 ohm line to 75 ohm antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 16:44:33 UTC
From: N4aeq <tucker@conninc.com>
Message-ID: <1163609073.191306.64380@m7g2000cwm.googlegroups.com>
Source record: 49417

Im trying to match 50 ohm coax (lmr400) with a log peroidic which
should have a 75 ohm feedpoint
the SWR is flat across the 6 m band but high. Im thinking i need a
better match but not sure
where to start.

2494. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 17:21:20 UTC
From: The Poet <tcsshortwave@yahoo.com>
Message-ID: <1163611278.554792.272640@h48g2000cwc.googlegroups.com>
Source record: 49418
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

Brenda Ann wrote:
> "Slow Code" <my.mail@no.spam> wrote in message
> news:Ot86h.6409$L6.1332@newsread3.news.pas.earthlink.net...
> >
> > That's the problem with democrats, they hate America, so they don't care
> > if terrorists attack us. Democrats would rather attack the Bible.
> >
>
> Have any of you the remotest idea how insanely stupid that crap sounds?
>
>
>
> --
> Say no to institutionalized interference.
> Just say NO to HD/IBOC!

I do.
But then, I don't get my 'talking points' from Sean Hannity or the RNC,
either.

You just gotta expect it. It's a statistical fact that the bulk of GOP
voters come from the less intelligent members of the population, and
the stupidest among them tend to have the biggest mouths.

2495. Re: matching 50 ohm line to 75 ohm antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 17:36:09 UTC
From: Tam/WB2TT <t-tammaru@c0mca$t.net>
Message-ID: <RtSdnR0Ep9KczcbYnZ2dnUVZ_tmdnZ2d@comcast.com>
Source record: 49419

"N4aeq" <tucker@conninc.com> wrote in message
news:1163609073.191306.64380@m7g2000cwm.googlegroups.com...
> Im trying to match 50 ohm coax (lmr400) with a log peroidic which
> should have a 75 ohm feedpoint
> the SWR is flat across the 6 m band but high. Im thinking i need a
> better match but not sure
> where to start.
>
I can't remember the numbers, but there is a procedure in either the ARRL Handbook, or antenna book for doing this. Basically, you have a short piece of 50 Ohm coax, a short piece of 75 Ohm coax, and then an arbitrary length of 50 Ohm transmission line.

If the antenna is 75 Ohms, your SWR on the 50 Ohm line should be no more than 1.5:1. Are you sure you don't need a 4:1 balun? If your SWR is around 3 or 4, I would try the balun; easy neough to make out of a 1/2 wave piece of coax.

Tam/WB2TT

2496. Re: matching 50 ohm line to 75 ohm antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 18:06:04 UTC
From: w0zv@yahoo.com
Message-ID: <1163613964.772758.251820@m73g2000cwd.googlegroups.com>
Source record: 49420

Tam/WB2TT wrote:
> >
> I can't remember the numbers, but there is a procedure in either the ARRL
> Handbook, or antenna book for doing this. Basically, you have a short piece
> of 50 Ohm coax, a short piece of 75 Ohm coax, and then an arbitrary length
> of 50 Ohm transmission line.

You are thinking of a nonsynchronous balun described here:

http://www.k1ttt.net/technote/matching.html#k1xx

HOWEVER, this only works for one band (i.e. a monobander...not a
log-periodic covering multiple bands). If the antenna is 75 ohms, why
not simply use 75 ohm coax to the shack and then a tuner to convert to
50 ohms? Seems much simpler and you can normally get free 75 ohm
hardline for the asking at your local cable company (i.e. reel ends).

73, Bill W4ZV

2497. Re: Terminating a Rhombic

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 18:11:59 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <HLI6h.188$TE.6@bignews1.bellsouth.net>
Source record: 49421

"Rick" <ricknj10@hotmail.com> wrote in message
news:hqF6h.10$hB7.7@newsfe12.lga...
>
>> Rick, you haven't told us where you are and what the heading is down
>> the center of the vee///
>
>
> The vee is only temporary, since it is really only the first half of my
> rhombic so I don't really expect much out of it, but couldn't resist
> hooking it up to the tuner. This enabled me to get the homebrew tuner to
> resonate.
>
> The vee/rhombic is aimed 47 degrees from central NJ, which puts it on
> central Europe.
>
> The crankup tower, currently sitting at 40 ft but will go to 72, is at
> least 100 ft behind and off to the side of the rhombic and has a 3 ele
> SteppIR.
>
> I'll provide more info later as today I hope to get up the 4th support
> wire and can then make the vee into a real rhombic. The problem is, I
> only have a 4 watt terminating resistor so can only use it for receiving
> or maybe 10 watt qrp for comparisons. Still looking for a 500 watt
> terminating resistor or a means of coupling to a 50 ohm load.
>
> Rick K2XT
>

Kanthal Globar makes 1000 watt non-inductive resistors in the range of 1 to
600 ohms. I used to have a couple of low resistance units that I used to
test audio amps. I believe they were made by Carborundum, same company
different name.

2498. Re: Terminating a Rhombic

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 18:15:11 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <HOI6h.190$TE.4@bignews1.bellsouth.net>
Source record: 49422

"Rick" <ricknj10@hotmail.com> wrote in message
news:hqF6h.10$hB7.7@newsfe12.lga...
>
>> Rick, you haven't told us where you are and what the heading is down
>> the center of the vee///
>
>
> The vee is only temporary, since it is really only the first half of my
> rhombic so I don't really expect much out of it, but couldn't resist
> hooking it up to the tuner. This enabled me to get the homebrew tuner to
> resonate.
>
> The vee/rhombic is aimed 47 degrees from central NJ, which puts it on
> central Europe.
>
> The crankup tower, currently sitting at 40 ft but will go to 72, is at
> least 100 ft behind and off to the side of the rhombic and has a 3 ele
> SteppIR.
>
> I'll provide more info later as today I hope to get up the 4th support
> wire and can then make the vee into a real rhombic. The problem is, I
> only have a 4 watt terminating resistor so can only use it for receiving
> or maybe 10 watt qrp for comparisons. Still looking for a 500 watt
> terminating resistor or a means of coupling to a 50 ohm load.
>
> Rick K2XT
>

Kanthal Globar has what you need.. You could build a lossy tranmission line
out of nichrome. 20 or 30 db of attenuation and you wouldnt even need a
teriminating resistor.

2499. i punce in agin

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 18:15:37 UTC
From: an old freind <Mark@kb9rqz.aprs>
Message-ID: <455b4c6c$0$21212$88260bb3@free.teranews.com>
Source record: 49423
Cross-posted to:
rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb,alt.usenet.kooks

ok I back four anoter tuff day on the news grupes it my job tis waht I do
so bringit on you loosers

show-na-to-va (that is the greeting for this time of year as a JEW rendered
phonicticaly)
happy new years it means and it can be better one if Wismen Robson and SC a
few just decided to not to be as hateful

with the punce gotcha he wonders why I simple don't bother to ty impoving
my spelling do u hav anyting cognet two say?

pee ess dont even tink aoubt forgering my fake emale a dress

http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2500. still a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 18:22:25 UTC
From: Mark@kb9rqz.aprs
Message-ID: <2lmml2hop428l3ua203gvg4nfpsai4i4jt@4ax.com>
Source record: 49424
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

On Wed, 15 Nov 2006 13:15:37 -0500, "an old freind" <Mark@kb9rqz.aprs>
wrote:

>
>
right on time a few mintue after I finsh taking otu the trash
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2501. Re: What is RF ground?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 18:26:26 UTC
From: AC7PN <brunius@rockisland.com>
Message-ID: <1163615186.218936.8560@m73g2000cwd.googlegroups.com>
Source record: 49425

Bill Turner wrote:
> ORIGINAL MESSAGE:
>
> On Sun, 12 Nov 2006 15:14:49 -0000, "Dave" <noone@nowhere.com> wrote:
>
>
> >but rf doesn't flow 'into the earth'
>
> ------------ REPLY FOLLOWS ------------
>
> Beware of making broad statements that are supposed to be true in all
> cases. The one above is not.
>
> Bill, W6WRT

Bill,

The broadest and most general statement I made in my post was "All real world implimentations of "RF ground" are less than perfect". I take it from your negitive post that you disagree with this point.

2502. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 18:34:53 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <95J6h.194$TE.28@bignews1.bellsouth.net>
Source record: 49426

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:9pa6h.9927$9v5.730@newssvr29.news.prodigy.net...
> Mike Coslo wrote:
>> Anyhow, what alterations to the equation do you propose that will allow
>> or introduce the aging effect?
>
> No alterations necessary. Just accept the equations
> as literal facts of physics.
>
>> All very well, but how do you argue for the velocity of light slowing
>> down?
>
> The velocity factor of empty space is changing. With
> seconds getting shorter and space getting longer, light
> just cannot travel as far in a second as it once did.
> --
> 73, Cecil http://www.w5dxp.com

I doubt if light is slowing down, an inch is just getting longer, but that
is a relativistic observation.

2503. Re: matching 50 ohm line to 75 ohm antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 19:08:47 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <cNGdnfjG7uUg-MbYnZ2dnUVZ_tCdnZ2d@comcast.com>
Source record: 49427

N4aeq wrote:

> Im trying to match 50 ohm coax (lmr400) with a log peroidic which
> should have a 75 ohm feedpoint
> the SWR is flat across the 6 m band but high. Im thinking i need a
> better match but not sure
> where to start.
>

You have not stated which LP you are using. So, my comments are general in nature.

The feedpoint impedance of a LP does vary as a function of frequency and the log characteristics of the elements, their spacing, and the boom geometry. The feedpoint impedance will cycle between a low to high value and generally remain below 1.7:1.

Example: my HF LP [Tennadyne T8] can have any feedpoint impedance between 29.4 and 85 ohms as I tune from 13.5 MHz to 30 MHz and it will have numerous excursions within the frequency range. That is the Physics of LP design.

Since the feedpoint impedance is a variable it is not easily matched to a standard coax line.

Now, a VSWR of 1.7:1 relates to approximately 93% of the rigs power being coupled to the antenna.

To your comment. What is the 6 meter VSWR?

If it is less than 2:1 [90% coupling to the antenna] then forget it!

2504. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 19:14:08 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <YFJ6h.213$TE.137@bignews1.bellsouth.net>
Source record: 49428

"Michael Coslo" <mjc5@psu.edu> wrote in message
news:ejd0q2$13du$1@f04n12.cac.psu.edu...
> Cecil Moore wrote:
>> Michael Coslo wrote:
>>> You don't like relativity?
>>
>> I apparently like it a lot better than some
>> astronomers and astrophysicists. The space
>> containing the Big Bang expanded a lot more
>> than it is possible for 3D space to expand.
>> Therefore, space is not three dimensional.
>> Latest theories are 10+ dimensions for space.
>
>
> I think that those thories have some nasty side effects that are making a
> lot of people take a second look at them.
>
> - 73 de Mike KB3EIA -

Actually a lot lot of the side effects are accounted for by there being even
more dimensions, If there may be 10 why not 11 0r 12 or a n infinite number
of dimensions. An infinite number of dimensions would imply that any point
in the universe could be adjacent to any other point in the universe

2505. Re: matching 50 ohm line to 75 ohm antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 19:49:26 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <abK6h.7458$6t.521@newssvr11.news.prodigy.com>
Source record: 49429

Tam/WB2TT wrote:
> I can't remember the numbers, but there is a procedure in either the ARRL
> Handbook, or antenna book for doing this. Basically, you have a short piece
> of 50 Ohm coax, a short piece of 75 Ohm coax, and then an arbitrary length
> of 50 Ohm transmission line.

1/4WL of RG62 followed by 1/4WL of RG59 will give a good
match from 75 ohms to 50 ohms.
--
73, Cecil http://www.w5dxp.com

2506. Re: matching 50 ohm line to 75 ohm antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 20:03:12 UTC
From: N4aeq <tucker@conninc.com>
Message-ID: <1163620992.704887.169500@b28g2000cwb.googlegroups.com>
Source record: 49430

Dave wrote:
> N4aeq wrote:
>
> > Im trying to match 50 ohm coax (lmr400) with a log peroidic which
> > should have a 75 ohm feedpoint
> > the SWR is flat across the 6 m band but high. Im thinking i need a
> > better match but not sure
> > where to start.
> >
>
> You have not stated which LP you are using. So, my comments are general in nature.
>
> The feedpoint impedance of a LP does vary as a function of frequency and the log
> characteristics of the elements, their spacing, and the boom geometry. The
> feedpoint impedance will cycle between a low to high value and generally remain
> below 1.7:1.
>
> Example: my HF LP [Tennadyne T8] can have any feedpoint impedance between 29.4
> and 85 ohms as I tune from 13.5 MHz to 30 MHz and it will have numerous
> excursions within the frequency range. That is the Physics of LP design.
>
> Since the feedpoint impedance is a variable it is not easily matched to a
> standard coax line.
>
> Now, a VSWR of 1.7:1 relates to approximately 93% of the rigs power being
> coupled to the antenna.
>
> To your comment. What is the 6 meter VSWR?
>
> If it is less than 2:1 [90% coupling to the antenna] then forget it!

Im using a double boom LPA, 50 coax connected to the front with shield
to one boom and
cc to the other. The back of the boom is shorted with a bar, it is a
monoband 50-54mhz
5 element. Swr nowhere near 2:1 (i wish) and i have checked the line
so its ok so maybe
i should have ask how do you adjust the impeadance on a double boom lpa?

2507. Re: matching 50 ohm line to 75 ohm antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 22:00:41 UTC
From: Tam/WB2TT <t-tammaru@c0mca$t.net>
Message-ID: <0tednTzJJqGVE8bYnZ2dnUVZ_rGdnZ2d@comcast.com>
Source record: 49431

<w0zv@yahoo.com> wrote in message
news:1163613964.772758.251820@m73g2000cwd.googlegroups.com...
> Tam/WB2TT wrote:
>> >
>> I can't remember the numbers, but there is a procedure in either the ARRL
>> Handbook, or antenna book for doing this. Basically, you have a short
>> piece
>> of 50 Ohm coax, a short piece of 75 Ohm coax, and then an arbitrary
>> length
>> of 50 Ohm transmission line.
>
> You are thinking of a nonsynchronous balun described here:
>
> http://www.k1ttt.net/technote/matching.html#k1xx
>
> HOWEVER, this only works for one band (i.e. a monobander...not a
> log-periodic covering multiple bands). If the antenna is 75 ohms, why
> not simply use 75 ohm coax to the shack and then a tuner to convert to
> 50 ohms? Seems much simpler and you can normally get free 75 ohm
> hardline for the asking at your local cable company (i.e. reel ends).
>
> 73, Bill W4ZV
>
He was talking about 6 meters.

Tam

2508. Re: matching 50 ohm line to 75 ohm antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 22:03:05 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <nd3nl2hqsk050il97mhq18f0k2ne72mep3@4ax.com>
Source record: 49432

On 15 Nov 2006 12:03:12 -0800, "N4aeq" <tucker@conninc.com> wrote:

>> You have not stated which LP you are using.

Hi OM,

You never really answered this for Dave.

> Im using a double boom LPA,

>50 coax connected to the front with shield
>to one boom and cc to the other.

Do you have any feedline decoupling/choking?

>The back of the boom is shorted with a bar,

That should be a hairpin matching element.

>it is a
>monoband 50-54mhz
>5 element. Swr nowhere near 2:1 (i wish) and i have checked the line
>so its ok so maybe
>i should have ask how do you adjust the impeadance on a double boom lpa?

The point of a Log Periodic is you are not expected to tune it. The
tune is built into the design as long as it is up high enough (and
probably even if it isn't).

If you SWR is so wildly off, you have a wild problem (feedline is
undecoupled is my guess).

73's
Richard Clark, KB7QHC

2509. Re: matching 50 ohm line to 75 ohm antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 22:05:08 UTC
From: Tam/WB2TT <t-tammaru@c0mca$t.net>
Message-ID: <9aGdnbAvB-KQEsbYnZ2dnUVZ_vGdnZ2d@comcast.com>
Source record: 49433

"N4aeq" <tucker@conninc.com> wrote in message
news:1163620992.704887.169500@b28g2000cwb.googlegroups.com...
>
> Dave wrote:
>> N4aeq wrote:
>>
>> > Im trying to match 50 ohm coax (lmr400) with a log peroidic which
>> > should have a 75 ohm feedpoint
>> > the SWR is flat across the 6 m band but high. Im thinking i need a
>> > better match but not sure
>> > where to start.
>> >
>>
>> You have not stated which LP you are using. So, my comments are general
>> in nature.
>>
>> The feedpoint impedance of a LP does vary as a function of frequency and
>> the log
>> characteristics of the elements, their spacing, and the boom geometry.
>> The
>> feedpoint impedance will cycle between a low to high value and generally
>> remain
>> below 1.7:1.
>>
>> Example: my HF LP [Tennadyne T8] can have any feedpoint impedance between
>> 29.4
>> and 85 ohms as I tune from 13.5 MHz to 30 MHz and it will have numerous
>> excursions within the frequency range. That is the Physics of LP design.
>>
>> Since the feedpoint impedance is a variable it is not easily matched to a
>> standard coax line.
>>
>> Now, a VSWR of 1.7:1 relates to approximately 93% of the rigs power being
>> coupled to the antenna.
>>
>> To your comment. What is the 6 meter VSWR?
>>
>> If it is less than 2:1 [90% coupling to the antenna] then forget it!
>
> Im using a double boom LPA, 50 coax connected to the front with shield
> to one boom and
> cc to the other. The back of the boom is shorted with a bar, it is a
> monoband 50-54mhz
> 5 element. Swr nowhere near 2:1 (i wish) and i have checked the line

> so its ok so maybe
> i should have ask how do you adjust the impeadance on a double boom lpa?
>
I still think it is a 200 Ohm antenna.

Tam

2510. Re: matching 50 ohm line to 75 ohm antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-15 23:26:18 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <abadnVESRKKKP8bYnZ2dnUVZ_tKdnZ2d@comcast.com>
Source record: 49434

N4aeq wrote:

>
> Im using a double boom LPA, 50 coax connected to the front with shield
> to one boom and
> cc to the other. The back of the boom is shorted with a bar, it is a
> monoband 50-54mhz
> 5 element. Swr nowhere near 2:1 (i wish) and i have checked the line
> so its ok so maybe
> i should have ask how do you adjust the impeadance on a double boom lpa?

OK, It's a monoband LP.

I am assuming that the inter-element crossover connections are correct.

The feedpoint impedance is determined primarily by the dimensions and spacing of the boom elements. They make a two element open wire transmission line. This is fixed by the design and is not readily tunable [adjustable]. However, secondary tuning adjustments are possible.

The "shorted with a bar" is a tuning stub that provides some degree of adjustment. As stated in another post you may have a 200 ohm or possibly 300 ohm feedpoint impedance [VSWR >4:1]. Please tell us what VSWR value you are seeing. A VSWR of 4:1 indicates a 200 ohms design; 6:1 indicates a 300 ohm design, etc.

Check the dimensions of the tuning stub for length as described by the manufacturer.

A LP is a balanced driven array. It should NOT be fed directly with coax [as you describe]. Direct feed causes a current imbalance and currents on the outside braid of the coax. You need either a choke balun or a ferrite based 6 meter balun.

2511. Re: id theft remains a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 00:30:04 UTC
From: Woger Hojnacki <Hojnacki@wiseman.com>
Message-ID: <giO6h.7789$ig4.7287@newsread2.news.pas.earthlink.net>
Source record: 49435
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.cb,rec.radio.swap

Mark in the Dark, wrote in
news:jotkl2p3gimnq3ssug0k798fkd6956kmmd@4ax.com:

> On 14 Nov 2006 17:44:43 -0800, Gav_HoJackoff@yahoo.com wrote:
>
>>
>>
> id theft remains a crime

No it ain't.

WH

2512. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 00:30:06 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <iiO6h.7791$ig4.6903@newsread2.news.pas.earthlink.net>
Source record: 49436
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

X-rated Vermonter wrote in
news:sbqkl2hokjac77d5lat45v02vi4r2f4q7r@4ax.com:

> On Wed, 15 Nov 2006 00:41:43 GMT, Slow Code <my.mail@no.spam> wrote:
>
>
>>President Bush controls the bombs, he doesn't need to know CW. He hears
>>where the terrorists are and then wipes them out or captures them.
>
>>SC
> ++++++++++
> So we need CW to make sure that things are not dumbed down, but you
> support someone in charge so dumb that he never learned CW when he
> could have done so in the military?
>
> You accept some no-coder making all the life decisions for SC?
>
> You are confused. Go sit on the floor until you have it figured out.

After 911 President Bush decided to take action to protect the country.
Your sorry ass is safer now under Bush than it ever was under Bill
Clintoon.

How many times was America attacked under Bill Clintoon, and how many
times were we attacked under Bush? Now you tell me who's the dumber
President.

SC

2513. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 00:30:08 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <kiO6h.7792$ig4.2503@newsread2.news.pas.earthlink.net>
Source record: 49437
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

jaw fog <jawod@fuse.net> wrote in news:455AA35D.8000003@fuse.net:

>
>>
>> President Bush controls the bombs, he doesn't need to know CW. He
>> hears where the terrorists are and then wipes them out or captures
>> them.
>>
> Put down your comic book and go troll somewhere where they give a shit.

Shut up stupid.

SC

2514. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 00:42:10 UTC
From: jawod <jawod@fuse.net>
Message-ID: <455BB3E2.5000001@fuse.net>
Source record: 49438
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

>
> Shut up stupid.
>
> SC
My god, I think I'm actually conversing with a cartoon character.

How can you be so dense? 9/11 happened on Bush's watch. You are
seriously deranged. Climb back into Bushie Comics and enjoy yourself.
Let the grown ups discuss important matters.

2515. Re: id theft remains a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 00:51:09 UTC
From: Radiosrfun <Radiosrfun@radiosrfun.com>
Message-ID: <455bb4fd$0$5798$ecde5a14@news.coretel.net>
Source record: 49439
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.cb,rec.radio.swap

"Woger Hojnacki" <Hojnacki@wiseman.com> wrote in message
news:giO6h.7789$ig4.7287@newsread2.news.pas.earthlink.net...
> Mark in the Dark, wrote in
> news:jotkl2p3gimnq3ssug0k798fkd6956kmmd@4ax.com:
>
>> On 14 Nov 2006 17:44:43 -0800, Gav_HoJackoff@yahoo.com wrote:
>>
>>>
>>>
>> id theft remains a crime
>
>
> No it ain't.
>
>
> WH

PLONK!

2516. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 00:52:23 UTC
From: dxAce <dxAce@milestones.com>
Message-ID: <455BB647.25982A5C@milestones.com>
Source record: 49440
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

jawod wrote:

> >
> > Shut up stupid.
> >
> > SC
> My god, I think I'm actually conversing with a cartoon character.
>
> How can you be so dense? 9/11 happened on Bush's watch.

All due to the shenanigans on Klintoons watch. Please try to pay attention,
'tard boy, as history did not begin the day George W. Bush took office.

2517. Re: Recommendations for 800 Mhz cell phone Yagi antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 01:46:36 UTC
From: Bill Wright <insertmybusinessname@f2s.com>
Message-ID: <ejgftu$u7t$1@news.freedom2surf.net>
Source record: 49441

"dave" <BLU_114_B@yahoo.com> wrote in message
news:C9e6h.4453$T_.3023@trndny06...
>Analog service is under review for possible turndown here in the US by 2008
>or so.

You aren't serious! Surely you don't still have analogue phones in America?
How backwards!

Bill

2518. Re: id theft remains a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 01:48:59 UTC
From: Mark@kb9rqz.aprs
Message-ID: <srgnl29dc9h1e83ako11asihl2p1iu0485@4ax.com>
Source record: 49442
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.cb,rec.radio.swap

On Thu, 16 Nov 2006 00:30:04 GMT, Woger Hojnacki
<Hojnacki@wiseman.com> wrote:

>
of course it is acrime
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2519. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 01:49:49 UTC
From: Mark@kb9rqz.aprs
Message-ID: <usgnl2d6kb8vg8r6s9u7bofs5qld4ahu0j@4ax.com>
Source record: 49443
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

On Thu, 16 Nov 2006 00:30:06 GMT, Slow Code <my.mail@no.spam> wrote:

>X-rated Vermonter wrote in
>news:sbqkl2hokjac77d5lat45v02vi4r2f4q7r@4ax.com:
>
>> On Wed, 15 Nov 2006 00:41:43 GMT, Slow Code <my.mail@no.spam> wrote:
>>
>>
>>>>President Bush controls the bombs, he doesn't need to know CW. He hears
>>>>where the terrorists are and then wipes them out or captures them.
>>
>>>>SC
>> ++++++++++
>> So we need CW to make sure that things are not dumbed down, but you
>> support someone in charge so dumb that he never learned CW when he
>> could have done so in the military?
>>
>> You accept some no-coder making all the life decisions for SC?
>>
>> You are confused. Go sit on the floor until you have it figured out.
>
>
>After 911 President Bush decided to take action to protect the country.
>Your sorry ass is safer now under Bush than it ever was under Bill
>Clintoon.
>

yet how is this possible since GW Bush does not know code
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2520. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 02:08:20 UTC
From: kd5sak <kd5sak@sbcglobal.net>
Message-ID: <oKP6h.7534$6t.858@newssvr11.news.prodigy.com>
Source record: 49444
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

"Slow Code" <my.mail@no.spam> wrote in message
news:iiO6h.7791$ig4.6903@newsread2.news.pas.earthlink.net...
> X-rated Vermonter wrote in
> news:sbqkl2hokjac77d5lat45v02vi4r2f4q7r@4ax.com:
> >
> How many times was America attacked under Bill Clintoon, and how many
> times were we attacked under Bush? Now you tell me who's the dumber
> President.
>
> SC

Actually I think it was once under each. Might fall off a bit with the
American
Al quaeda party in power again, though. After all, one doesn't attack ones
allies.

Harold
KD6SAK

2521. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 03:35:44 UTC
From: jawod <jawod@fuse.net>
Message-ID: <455BDC90.7040005@fuse.net>
Source record: 49445
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

```
>
>
> All due to the shenanigans on Klintoons watch. Please try to pay attention,
> 'tard boy, as history did not begin the day George W. Bush took office.
>
>

I feel your pain
```

2522. Re: If you vote for a Democrat you're helping the Terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 03:43:32 UTC
From: jawod <jawod@fuse.net>
Message-ID: <455BDE64.2080102@fuse.net>
Source record: 49446
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.shortwave

the
> American
> Al quaeda party in power again, though. After all, one doesn't attack ones
> allies.

Pluralism defines America. Your kind of thinking destroys it.

You guys lost an election...take it like a man.

It's not al queda and it's not nazis...we're still all Americans. We
disagree but neither side is evil...

unless you WANT to live in a comic book.

2523. rf bandpass filters 2.4GHz

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 06:44:33 UTC
From: kevin.pavin@gmail.com
Message-ID: <1163659473.135906.202910@b28g2000cwb.googlegroups.com>
Source record: 49447
Cross-posted to: sci.electronics.design,rec.radio.amateur.antenna,rec.radio.amateur.equipment,sci.electronics.misc

Hi all,

I am transmitting in channel 3 of 802.11b, centered at 2.422Ghz.
Details aside, let me just say that it is very important for my
application that I sharpen up the spectral mask beyond that of the
802.11b standard. To be specific I need to purchase a bandpass filter
such that I get attenation of greater than 60dB at +- 15Mhz from the
center, i..e outside of [2.407Ghz, 2.437Ghz]. I am looking for
suggestions on where to purchase such filter(s) with the usual
parameters in mind, cost, lead time, etc.

I did see the filters that hyperlink sells, but it would take many of
their 8 pole filters in series to get what I need and they additionally
don't sell filters for one of the channels i would need. Maybe I need
to go custom on this? Any suggestions are greatly appreciated.
Thanks,

Kevin

2524. Re: HOW do "dual-band"VHF/UHF antennas work?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 07:03:13 UTC
From: "Roger (K8RI)" <ValidAddress@my.com>
Message-ID: <od2ol29ps73m0dttid20nq9udhrvlkvbp6@4ax.com>
Source record: 49448

On 12 Nov 2006 15:11:40 -0800, "Paladin" <kb1ghh@hotmail.com> wrote:

>Hello "Antenna-Lovers",
> How do dual-band antennas work? I bought a COMET
>"SSB-7" antenna for my mobile radio. It worked great for a year or more
>and then,trouble. I don't know "HOW" to trouble-shoot it.
>Where on the antenna can I check for "continuity" or somewhere I can
>look to find a "fault" of sorts.
>It costs a bit more than a lower gain antenna. How can I trouble-shoot
>it ?

Don't know about the Comet mobile antenna but I've been using the Diamond series since they came out. The one on my car (4-Runner) has hit so many trees and been straightened so many times it's beginning to look strange. It's also worn to the point where it no longer seats well at the fold over point. (I had to use some lapping compound on it about two years ago to keep it from rattling). It looks like I'm going to need to redo it at the fold over point again.

I have used the Comet duo band base station antennas with good luck except for the one that took a direct lightning strike. Part of the inside disappeared, the top two feet of fiberglass looked like an exploded cigar, and the matching network at the base was shorted. The base station antennas are well built and I'd have though the mobiles would be the same, but apparently not.

Actually I have two Comets and one Diamond base station antennas for 144 and 440. I also have stacked pair of 11L on 440 and 12L on 144 at 130 feet. The Diamond is at 50 feet and one Comet is at 15 feet which is the one I normally use for repeater work. The second Comet is going to be mounted inverted under the Diamond and used for packet/jnos.
>
As to servicing the duo-band mobiles, there's not much to do. The problem could be in the mount, but most likely it's either in the molded base, or in the phasing sections. Most of these use something that looks like a plastic insert between sections. Inside that insert will be either a coil or a folded piece of wire that looks a lot like a paper clip. These serve different functions on 144 and 220. Still they either work or don't. Typically about the only thing that can go wrong is a connection or solder joint. *Sometimes* they get some corrosion down where the antenna fits into the base section. It is held with one or two Allen set screws. Road salt can wreak havoc in these areas.

> 73's Paladin
Roger Halstead (K8RI & ARRL life member)

(N833R, S♯ CD-2 Worlds oldest Debonair)
www.rogerhalstead.com

2525. Wanted collins 30L-1 round

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 07:13:15 UTC
From: Carl Domanico <vze2686b@verizon.net>
Message-ID: <fcU6h.4897$T_.2758@trndny06>
Source record: 49449

Hi, I'm looking for a Collins 30L-1 Round Emblem, High Frequency, Linear Amplifer. Not looking for any junk, actually I want one in excellent condition, Must be Round Emblem... Prefer one that has already been refurbished, things such as power supply, caps , etc...So as I do not have to do it...Although I've restored a few of them...I just want one in Excellent to Mint Condition...
If anyone out there has one of these amps, please feel free to e-mail me and if you like call 718-331-7427

Thanks a Lot
Carl
N2MFW

2526. Re: rf bandpass filters 2.4GHz

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 07:21:22 UTC
From: "RST Engineering (jw)" <jim@rstengineering.com>
Message-ID: <%jU6h.104$Az4.738745@news.sisna.com>
Source record: 49450
Cross-posted to: sci.electronics.design,rec.radio.amateur.antenna,rec.radio.amateur.equipment,sci.electronics.misc

You don't need to go custom. You need to understand the impossibility of
what you are asking for.
Jim

<kevin.pavin@gmail.com> wrote in message
news:1163659473.135906.202910@b28g2000cwb.googlegroups.com...
> Hi all,

Maybe I need
> to go custom on this? Any suggestions are greatly appreciated.
> Thanks,
>
> Kevin
>

2527. Re: Johnson Match Box

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 11:06:11 UTC
From: David J Windisch <davidjw@cinci.rr.com>
Message-ID: <DCX6h.27834$pq4.21763@tornado.ohiordc.rr.com>
Source record: 49451

This works FB for me:

Connect another length of whatever feeder in parallel at the oupt terminals.
Experiment with length, short/open-end, reactance (parallel/series coil/cap)
any where along the new line - - right there in the shack.

73, Dave, N3HE

"Willy" <n4wc@bellsouth.com> wrote in message
news:lJo6h.29309$lY5.6732@bignews6.bellsouth.net...
> Do you think that putting a 1:2 or 1:4 UNUN at the feedpoint of the KW
> matchbox will extend the matching capability of this feedline tuner?
> No feedline length changes are possible at this time!!!!!!!!!!!!

2528. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 13:24:14 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12lopk0b92i7p18@corp.supernews.com>
Source record: 49452

Hm, I'll have to think about that one a bit. I checked out the Elecraft info and it appears that the balun is wound on a single binocular core, not two separate cores. You could make a 4:1 current balun that way if you could manage to keep the flux from one pair of windings from coupling to the other, but I don't know right off how you'd do it. I suspect that some sort of complex winding scheme might make it work. But if the one you're trying to measure really has two separate cores, I suspect that measuring the Elecraft might not be a good test of the method.

Roy Lewallen, W7EL

Danny Richardson wrote:
>
> Yes, I measured with the leads connected together as you described.
> However, after I posted my question this morning I looked around and
> found I had an Elecraft BL-1 current balun. This balun can be
> connected as a 1:1 or 4:1 by just moving two wires on the circuit
> board - no other changes are necessary.
>
> I measured the BL-1 in both configurations, using identical methods
> which show close agreement.
>
> You can see the results at: http://k6mhe.com/elecraft.html
>
> Danny, K6MHE

2529. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 14:17:53 UTC
From: Danny Richardson <n_group@k6mhe.com>
Message-ID: <1mrol29hv6ad4ho52b7p41u1b7uidqalct@4ax.com>
Source record: 49453

On Thu, 16 Nov 2006 05:24:14 -0800, Roy Lewallen <w7el@eznec.com>
wrote:

>Hm, I'll have to think about that one a bit. I checked out the Elecraft
>info and it appears that the balun is wound on a single binocular core,
>not two separate cores. You could make a 4:1 current balun that way if
>you could manage to keep the flux from one pair of windings from
>coupling to the other, but I don't know right off how you'd do it. I
>suspect that some sort of complex winding scheme might make it work. But
>if the one you're trying to measure really has two separate cores, I
>suspect that measuring the Elecraft might not be a good test of the method.
>
>Roy Lewallen, W7EL
>
Don't know. However, the folks at Elecraft have a good reputation for
excellent designs so I banked on that.

Going back the original balun I used (which uses separate cores), you
where concerned about tying the leads together for measurements. I,
for the sake of me, can't see why this would be wrong. After all, we
are talking common mode impedance here and the unit did show excellent
choking impedance at its resonate frequency (about 1.58MHz.). But had
a very narrow range. (dropping from over 6K @ 1.58 MHz. to less than
1K @ 3.5 MHz., 700-ohms @ 7 MHz, less than 300-ohms @ 14 MHZ and the
lowest was 130-ohms @ 30 MHz.

To me, that seemed to be lousy performance for a balun advertized
range of 1-30 MHZ.

Danny, K6MHE

2530. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 14:55:02 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <aZ_6h.6367$IR4.3037@newssvr25.news.prodigy.net>
Source record: 49454

Danny Richardson wrote:
> After all, we
> are talking common mode impedance here and the unit did show excellent
> choking impedance at its resonate frequency (about 1.58MHz.). But had
> a very narrow range. (dropping from over 6K @ 1.58 MHz. to less than
> 1K @ 3.5 MHz., 700-ohms @ 7 MHz, less than 300-ohms @ 14 MHZ and the
> lowest was 130-ohms @ 30 MHz.

Did you also measure the phase angle for those readings?
--
73, Cecil, http://www.qsl.net/w5dxp

2531. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 15:05:05 UTC
From: Danny Richardson <n_group@k6mhe.com>
Message-ID: <hcvol2pmm1o1l3ir5be1sf0u9k21isn25q@4ax.com>
Source record: 49455

On Thu, 16 Nov 2006 14:55:02 GMT, Cecil Moore <mycall@hotmail.com>
wrote:

>Did you also measure the phase angle for those readings?

Yes, at resonance it was, of course, 0ï¿½. From 3 to 30 MHz. it varied
between -61ï¿½ to -81ï¿½.

Danny

2532. Re: rf bandpass filters 2.4GHz

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 15:58:26 UTC
From: kevin.pavin@gmail.com
Message-ID: <1163692706.251581.116570@h48g2000cwc.googlegroups.com>
Source record: 49456
Cross-posted to: sci.electronics.design,rec.radio.amateur.antenna,rec.radio.amateur.equipment,sci.electronics.misc

Sorry I mispoke earlier. Let me restate this. Hyperlink has an 8pole
filter for several of the 802.11b channels that has the mask -3db at +-
10Mhz, -5db at +-15Mhz, -20dB +- 20Mhz.

Essentially I want to keep 2.417 to 2.437 Ghz, so one of their filters
centered at 802.11b, channel 4 would be ideal, except that they only
sell centered at the standard channels (channel 3 and 6 are the
closest), so in short I was wondering if anyone knows of a vendor that
sells such a filter centered at 2.427Ghz. Thanks for any suggestions.

RST Engineering (jw) wrote:
> You don't need to go custom. You need to understand the impossibility of
> what you are asking for.
> Jim
>
>
>
>
> <kevin.pavin@gmail.com> wrote in message
> news:1163659473.135906.202910@b28g2000cwb.googlegroups.com...
> > Hi all,
>
>
> Maybe I need
> > to go custom on this? Any suggestions are greatly appreciated.
> > Thanks,
> >
> > Kevin
> >

2533. Re: rf bandpass filters 2.4GHz

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 17:17:38 UTC
From: Joerg <notthisjoergsch@removethispacbell.net>
Message-ID: <S217h.6770$Sw1.4354@newssvr13.news.prodigy.com>
Source record: 49457
Cross-posted to: sci.electronics.design,rec.radio.amateur.antenna,rec.radio.amateur.equipment,sci.electronics.misc

Hello Kevin,

> Sorry I mispoke earlier. Let me restate this. Hyperlink has an 8pole
> filter for several of the 802.11b channels that has the mask -3db at +-
> 10Mhz, -5db at +-15Mhz, -20dB +- 20Mhz.
>
> Essentially I want to keep 2.417 to 2.437 Ghz, so one of their filters
> centered at 802.11b, channel 4 would be ideal, except that they only
> sell centered at the standard channels (channel 3 and 6 are the
> closest), so in short I was wondering if anyone knows of a vendor that
> sells such a filter centered at 2.427Ghz. Thanks for any suggestions.
>

That looks like you'd have to call them for a custom version which will
probably be lots of $$. Or roll your own which requires a lot of
RF/microwave knowledge. Or hire a consultant :-)

Problem is, if you are most likely the only one needing this there won't
be an existing market and chances that any other company has the right
product could be close to zilch.

--
Regards, Joerg

http://www.analogconsultants.com

2534. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 19:04:39 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <bD27h.11652$yl4.10047@newssvr12.news.prodigy.com>
Source record: 49458

Danny Richardson wrote:
> Cecil Moore <mycall@hotmail.com> wrote:
>> Did you also measure the phase angle for those readings?
>
> Yes, at resonance it was, of course, 0ï¿½. From 3 to 30 MHz. it varied
> between -61ï¿½ to -81ï¿½.

Is the inductive side of resonance of no use in
that type of balun?
--
73, Cecil, http://www.qsl.net/w5dxp

2535. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 20:22:47 UTC
From: Gene Fuller <W4SZzzzzzz@att.net>
Message-ID: <rM37h.286073$QZ1.158469@bgtnsc04-news.ops.worldnet.att.net>
Source record: 49459

Roy Lewallen wrote:
> Hm, I'll have to think about that one a bit. I checked out the Elecraft
> info and it appears that the balun is wound on a single binocular core,
> not two separate cores. You could make a 4:1 current balun that way if
> you could manage to keep the flux from one pair of windings from
> coupling to the other, but I don't know right off how you'd do it. I
> suspect that some sort of complex winding scheme might make it work. But
> if the one you're trying to measure really has two separate cores, I
> suspect that measuring the Elecraft might not be a good test of the method.
>
> Roy Lewallen, W7EL

Hi Roy,

I have read your comment about the requirement for two cores for many years, and I am still puzzled. In the ideal case the balun action is performed by transmission line transformers, and the flux induced in the core by the differential current is minimal. The core primarily affects frequency response and common mode choking action.

According to his books, Jerry Sevick has designed, analyzed, built, and measured many single core 4:1 current baluns. He never mentions the problem you allude to.

What is happening here?

73,
Gene
W4SZ

2536. Re: Recommendations for 800 Mhz cell phone Yagi antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 20:23:44 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <buhpl21qp9dq34pvcou1apvr7066bs4u61@4ax.com>
Source record: 49460

On Thu, 16 Nov 2006 01:46:36 -0000, "Bill Wright"
<insertmybusinessname@f2s.com> wrote:

>You aren't serious! Surely you don't still have analogue phones in America?

And no general access to fiber optics (we still have to use copper).

>How backwards!

Yeah, but we kicked out the right-wing socialists who were strangling
business opportunity and growth.

2537. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 20:48:02 UTC
From: Danny Richardson <n_group@k6mhe.com>
Message-ID: <8hjpl21c31gpp4s5d3eg27te4c7nsiu4rg@4ax.com>
Source record: 49461

On Thu, 16 Nov 2006 19:04:39 GMT, Cecil Moore <mycall@hotmail.com>
wrote:

>Is the inductive side of resonance of no use in
>that type of balun?

Its resonate at about 1.58 MHz. Whatcha going to use it for? Broadcast
AM radio?

Danny

2538. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 21:16:02 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <my47h.6836$Sw1.4058@newssvr13.news.prodigy.com>
Source record: 49462

Danny Richardson wrote:
> Cecil Moore <mycall@hotmail.com> wrote:
>> Is the inductive side of resonance of no use in
>> that type of balun?
>
> Its resonate at about 1.58 MHz. Whatcha going to use it for? Broadcast
> AM radio?

I wasn't talking about that particular balun just that
particular method of construction. If a balun like that
one were made resonant at, say 7 MHz, would it still be
useful at 4 MHz? at 2 MHz? In other words, what is the
shape of the choking curve below resonance for that
particular method of construction?
--
73, Cecil, http://www.qsl.net/w5dxp

2539. Re: matching 50 ohm line to 75 ohm antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 21:50:52 UTC
From: N4aeq <tucker@conninc.com>
Message-ID: <1163713852.599269.275540@h48g2000cwc.googlegroups.com>
Source record: 49463

> OK, It's a monoband LP.
>
> I am assuming that the inter-element crossover connections are correct.
Yes, double checked the assembly instructions

>
> The feedpoint impedance is determined primarily by the dimensions and spacing of
> the boom elements. They make a two element open wire transmission line. This is
> fixed by the design and is not readily tunable [adjustable]. However, secondary
> tuning adjustments are possible.
Its a plug and play, no tune LPA however i feel there are some strage
circumstances with the
feed or something as it worked fine at a different location & feedline
length.
>
> The "shorted with a bar" is a tuning stub that provides some degree of
> adjustment. As stated in another post you may have a 200 ohm or possibly 300 ohm
> feedpoint impedance [VSWR >4:1]. Please tell us what VSWR value you are seeing.
> A VSWR of 4:1 indicates a 200 ohms design; 6:1 indicates a 300 ohm design, etc.
No its a fixed bar and direct 50 connection.
>
> Check the dimensions of the tuning stub for length as described by the
> manufacturer.
No tunning
>
> A LP is a balanced driven array. It should NOT be fed directly with coax [as you
> describe]. Direct feed causes a current imbalance and currents on the outside
> braid of the coax. You need either a choke balun or a ferrite based 6 meter balun.
No balun is needed however there maybe something strange going on so I
will try a coax
balun and try a fiberglass mounting pole, bottom line is i moved this
LPA about 30 foot, changed the polarity from vert to hor, same type of
feedline was used but instead of 70' its 35'long otherwize everythiong
stayed the same.

2540. Re: rf bandpass filters 2.4GHz

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 22:20:07 UTC
From: Tam/WB2TT <t-tammaru@c0mca$t.net>
Message-ID: <XtydnceJRJ-QecHYnZ2dnUVZ_v-dnZ2d@comcast.com>
Source record: 49464
Cross-posted to: sci.electronics.design,rec.radio.amateur.antenna,rec.radio.amateur.equipment,sci.electronics.misc

<kevin.pavin@gmail.com> wrote in message
news:1163692706.251581.116570@h48g2000cwc.googlegroups.com...
> Sorry I mispoke earlier. Let me restate this. Hyperlink has an 8pole
> filter for several of the 802.11b channels that has the mask -3db at +-
> 10Mhz, -5db at +-15Mhz, -20dB +- 20Mhz.
>
> Essentially I want to keep 2.417 to 2.437 Ghz, so one of their filters
> centered at 802.11b, channel 4 would be ideal, except that they only
> sell centered at the standard channels (channel 3 and 6 are the
> closest), so in short I was wondering if anyone knows of a vendor that
> sells such a filter centered at 2.427Ghz. Thanks for any suggestions.
>
>
Can't you do this at IF?

Tam

2541. Re: matching 50 ohm line to 75 ohm antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 22:58:26 UTC
From: Wes <n7ws@yahoo.com>
Message-ID: <1163717906.183683.164560@f16g2000cwb.googlegroups.com>
Source record: 49465

Dave wrote:
[snip]
>
> A LP is a balanced driven array. It should NOT be fed directly with coax [as you
> describe]. Direct feed causes a current imbalance and currents on the outside
> braid of the coax. You need either a choke balun or a ferrite based 6 meter balun.

Actually if the coax is fed through one half of the boom with the outer
conductor attached to that side and the center conductor connected to
the other half of the boom you don't need a balun.

2542. Re: rf bandpass filters 2.4GHz

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-16 23:25:16 UTC
From: Baron <me@home.com>
Message-ID: <455cf32b@212.67.96.135>
Source record: 49466
Cross-posted to: sci.electronics.design,rec.radio.amateur.antenna,rec.radio.amateur.equipment,sci.electronics.misc

Tam/WB2TT wrote:

>
> <kevin.pavin@gmail.com> wrote in message
> news:1163692706.251581.116570@h48g2000cwc.googlegroups.com...
>> Sorry I mispoke earlier. Let me restate this. Hyperlink has an
>> 8pole filter for several of the 802.11b channels that has the mask
>> -3db at +- 10Mhz, -5db at +-15Mhz, -20dB +- 20Mhz.
>>
>> Essentially I want to keep 2.417 to 2.437 Ghz, so one of their
>> filters centered at 802.11b, channel 4 would be ideal, except that
>> they only sell centered at the standard channels (channel 3 and 6 are
>> the closest), so in short I was wondering if anyone knows of a vendor
>> that
>> sells such a filter centered at 2.427Ghz. Thanks for any
>> suggestions.
>>
>>
> Can't you do this at IF?
>
> Tam

He might with a hi Q cavity.

--
Baron:

2543. Re: PLEASURE

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-17 00:55:17 UTC
From: Woger Hojnacki <wh@gav.net>
Message-ID: <VL77h.8549$ig4.4921@newsread2.news.pas.earthlink.net>
Source record: 49467
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

"John Doe" <hgorden@adelphia.net> wrote in
news:l5OdnQu2qodqUcbYnZ2dnUVZ_rydnZ2d@adelphia.com:

> AH -
>
> Its such a pleasure after having been gone from this group for so many
> months - to be able to come back and not have to wade thru mountains of
> garbage. I guess somebody finally did the job of cleaning up this
> filthy pit!

I'm doing the best I can to clean up the rec.radio groups but KB9RQZ keeps
crapping on all the threads.

WH

2544. Re: PLEASURE

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-17 01:58:47 UTC
From: sidwellfriends@aol.com
Message-ID: <1163728727.440219.38290@h54g2000cwb.googlegroups.com>
Source record: 49468
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

Woger Hojnacki wrote:
> "John Doe" <hgorden@adelphia.net> wrote in
> news:l5OdnQu2qodqUcbYnZ2dnUVZ_rydnZ2d@adelphia.com:
>
> > AH -
> >
> > Its such a pleasure after having been gone from this group for so many
> > months - to be able to come back and not have to wade thru mountains of
> > garbage. I guess somebody finally did the job of cleaning up this
> > filthy pit!
>
>
>
> I'm doing the best I can to clean up the rec.radio groups but KB9RQZ keeps
> crapping on all the threads.
>
> WH

Well, Art Bell's wife just crapped all over him, by getting pregnant !

2545. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-17 02:13:50 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <jV87h.2008$HZ4.1488@bignews5.bellsouth.net>
Source record: 49469

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:WGF6h.10556$yl4.1251@newssvr12.news.prodigy.com...
> Jimmie D wrote:
>> I dont think that the problem is that thought space was empty, rather
>> than that they thought space was nothing.
>
> If there really were *nothing* there, there would
> be nothing through which EM waves could propagate.
> Therefore, there is something there. *Nothing* is
> outside of the universe. Something is inside the
> universe. EM waves cannot propagate through nothing
> outside of the universe. They only propagate through
> something inside the universe.
> --
> 73, Cecil http://www.w5dxp.com

I was implying that space is the ether or at least could be.

2546. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-17 02:18:31 UTC
From: Mike Coslo <mremovethiscoslo@adelphia.net>
Message-ID: <fdidnf4uz_dohsDYnZ2dnUVZ_rSdnZ2d@comcast.com>
Source record: 49470

Gene Fuller wrote:
> Roy Lewallen wrote:
>
>> Hm, I'll have to think about that one a bit. I checked out the
>> Elecraft info and it appears that the balun is wound on a single
>> binocular core, not two separate cores. You could make a 4:1 current
>> balun that way if you could manage to keep the flux from one pair of
>> windings from coupling to the other, but I don't know right off how
>> you'd do it. I suspect that some sort of complex winding scheme might
>> make it work. But if the one you're trying to measure really has two
>> separate cores, I suspect that measuring the Elecraft might not be a
>> good test of the method.
>>
>> Roy Lewallen, W7EL
>
>
> Hi Roy,
>
> I have read your comment about the requirement for two cores for many
> years, and I am still puzzled. In the ideal case the balun action is
> performed by transmission line transformers, and the flux induced in the
> core by the differential current is minimal. The core primarily affects
> frequency response and common mode choking action.
>
> According to his books, Jerry Sevick has designed, analyzed, built, and
> measured many single core 4:1 current baluns. He never mentions the
> problem you allude to.
>
> What is happening here?

I'm not sure myself, Gene. I've wound single core 4:1's, I've bought at
least 2 of them. I've also been told variously they don't work, and
can't even be made.

Just what IS happening here?

- 73 de Mike KB3EIA -

2547. Re: Only "Would-be-Einsteins" need apply...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-17 02:28:48 UTC
From: Mike Coslo <mremovethiscoslo@adelphia.net>
Message-ID: <nrednd A5VKbCg8DYnZ2dnUVZ_oqdnZ2d@comcast.com>
Source record: 49471

Jimmie D wrote:
> "Michael Coslo" <mjc5@psu.edu> wrote in message
> news:ejd0q2$13du$1@f04n12.cac.psu.edu...
>
>>Cecil Moore wrote:
>>
>>>Michael Coslo wrote:
>>>
>>>>You don't like relativity?
>>>
>>>I apparently like it a lot better than some
>>>astronomers and astrophysicists. The space
>>>containing the Big Bang expanded a lot more
>>>than it is possible for 3D space to expand.
>>>Therefore, space is not three dimensional.
>>>Latest theories are 10+ dimensions for space.
>>
>>
>>I think that those thories have some nasty side effects that are making a
>>lot of people take a second look at them.
>>
>>- 73 de Mike KB3EIA -
>
>
> Actually a lot lot of the side effects are accounted for by there being even
> more dimensions, If there may be 10 why not 11 0r 12 or a n infinite number
> of dimensions. An infinite number of dimensions would imply that any point
> in the universe could be adjacent to any other point in the universe

It quickly becomes really ugly. Simply the number of strings is witness
to that:

Bosonic-26
I-10
IIA -10
IIB-10
HO-10
HE-10

If we wait long enough, there will be more string theories than
dimensions they predict.

- 73 de Mike KB3EIA -

2548. Re: PLEASURE

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-17 11:12:35 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <itGdnajqGu-CBMDYnZ2dnUVZ_sKdnZ2d@comcast.com>
Source record: 49472
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

sidwellfriends@aol.com wrote:

SNIPPED
>
>
> Well, Art Bell's wife just crapped all over him, by getting pregnant !
>

I don't think she did that be herself!!!

She had help :-)

2549. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-17 11:51:17 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12lr8hndoplce4d@corp.supernews.com>
Source record: 49473

Oop, looks like I done hit de tar baby.

Gene Fuller wrote:
>
> I have read your comment about the requirement for two cores for many
> years, and I am still puzzled. In the ideal case the balun action is
> performed by transmission line transformers, and the flux induced in the
> core by the differential current is minimal. The core primarily affects
> frequency response and common mode choking action.

It's true that the flux induced by the differential current is minimal in a transmission line transformer. If, in fact, the balun is wound with coax as I usually make them, the flux induced by the differential current is zero because the differential field is entirely inside the shield.

And it's true that the core affects common mode choking action. The common mode choking action is exactly what the function of a balun is -- that's how it effects equal and opposite (purely differential mode) currents on the two transmission line conductors. In other words, that's how it produces balance and prevents feedline radiation.

So the flux from the common mode component of the current is the very thing we need to look at when we evaluate baluns.

> According to his books, Jerry Sevick has designed, analyzed, built, and
> measured many single core 4:1 current baluns. He never mentions the
> problem you allude to.

I don't know which edition you have. I have only the first and second; I believe there was a third. In the first edition, it was clear that Sevick didn't understand the purpose of baluns or how they accomplished it. So I discount anything he wrote about baluns in the first edition. But he figured it out some time between the first and second editions, so there's some credible information in the second. A number of the 4:1 baluns he shows are indeed wound on a single core. And he dutifully reports their frequency responses when terminated in a correct impedance load (seldom the case in a real antenna application). But nowhere do I see any measurement of their ability to do the primary job of a balun: to balance the feedline currents. So there's no way of knowing whether any or all of the many "current" baluns he constructed actually perform the function of a current balun.

A way to qualitatively check to see if a balun is really acting like a current balun is to connect a load across the output. Short one terminal of the output to the "ground" terminal of the input, and measure the

impedance looking in. Then disconnect that short and short the other output terminal to the "ground" terminal of the input and measure it again. You can do this with an antenna analyzer or impedance bridge. A perfect current balun will show the same, correct impedance in both tests. A perfect voltage balun will show very different impedances. There should be a way to get a quantitative measure of the longitudinal (common mode) impedance from this test, but I don't have time to dig it out just now.

I'd like to add that not long ago I encountered a claim of a 4:1 current balun on a single core. It was indeed -- it was a conventional, as opposed to a transmission line, transformer, although it was wound in a way that made it resemble a transmission line transformer. And it had a fairly decent bandwidth, although a transmission line transformer is inherently much broader and doesn't couple differential flux into the core. So a 4:1 current balun can be constructed on a single core. But I don't know how a 4:1 transmission line current balun can.

> What is happening here?

A whole lot of things could be happening. If an antenna is perfectly symmetrical, a voltage balun will do the same job as a current balun. For an explanation why, see http://eznec.com/Amateur/Articles/Baluns.pdf. So a lot of the "current baluns" might well be voltage baluns. I seldom see anyone actually test the current balancing properties of baluns, and without this, there's no telling what's been constructed.

I haven't looked carefully at Sevick's single core 4:1 "Guanella" baluns. They might be voltage baluns, or they might be conventional transformers -- bifilar windings don't automatically create a transmission line transformer. I don't see any test he ran to verify that they're functioning as current transformers or for that matter as transmission line transformers. In a transmission line transformer, the differential current always has a transmission line path to follow. Some connections can split the wires carrying a differential current apart, in which case you no longer have a transmission line transformer.

If you know of a topology which produces a transmission line 4:1 current balun, I'd be very interested. You could use the same simple analysis method used in the balun article to show that it really is what you think.

Mike Coslo wrote:
>
> I'm not sure myself, Gene. I've wound single core 4:1's, I've bought
> at least 2 of them. I've also been told variously they don't work, and
> can't even be made.
>
> Just what IS happening here?

You probably made 4:1 voltage baluns, which worked well enough in your applications. Where a voltage balun is really a bad idea is when your

antenna system isn't symmetrical. In an effort to balance the voltages on the two output terminals, it creates unbalanced currents. The difference between them becomes a common mode feedline current. This is also explained in the balun article.

. . . Here Uncle Remus paused, and drew a two-pound yam out of the ashes.

"Did the fox eat the rabbit?" asked the little boy to whom the story had been told.

"Dat's all de fur de tale goes," replied the old man. "He mout, an den agin he moutent. Some say Judge B'ar come 'long en loosed 'im - some say he didn't. I hear Miss Sally callin'. You better run 'long."

Roy Lewallen, W7EL

2550. Re: PLEASURE

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-17 12:32:55 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <X6KdnXjVgaBlNsDYnZ2dnUVZ_h2dnZ2d@bright.net>
Source record: 49474

Ya, but was it Art? I assume that since someone took the time to post
that info, there MUST be some sort of scandal involved...

Dave wrote:
> sidwellfriends@aol.com wrote:
>
> SNIPPED
>
>>
>>
>> Well, Art Bell's wife just crapped all over him, by getting pregnant !
>>
>
> I don't think she did that be herself!!!
>
> She had help :-)
>

2551. Digital oscilloscopes for FM waveform capture?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-17 16:50:48 UTC
From: MRW <mr.whatever@gmail.com>
Message-ID: <1163782248.307445.141670@h54g2000cwb.googlegroups.com>
Source record: 49475

There was an oscilloscope article written by Steven B. Warntjes about sustained sample rate in digital oscilloscopes. I wanted to get a verification from the experienced users on this group. Let's say I have an oscilloscope with 25000 sample memory depth and a real time sampling of 1 gigaSamples / sec with 200 MHz bandwidth (-3dB).

If I had an FM carrier at 100 MHz with a 1000 Hz (1 mS period) test signal modulating it, does that mean that a digital oscilloscope with the specs above will not be able to capture the waveform properly?

I was thinking that if the capture window (in seconds unit) is equal to the memory depth (in samples unit) divided by the sample rate (in samples / sec unit), then the maximum capture window that I can use and still maintain the rated sampling rate would be 25 uS (micro-seconds).

So that means that if my carrier signal is deviating between 100MHz +/- 1kHz, then my capture window would at least have to be 1ms/div to capture the deviation properly (?). With a capture window of 1ms/div, my sample rate would decrease to 25 mega-samples/sec, which is not enough to sample the 100MHz carrier frequency.

Is that right?

I know that I can just use a spectrum analyzer, but I wanted to capture the waveform and duplicate the time-domain plot of frequency modulation (amplitude vs. time) that I've seen in the books.

Thanks!

2552. Re: i punce

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-17 17:16:01 UTC
From: Andy the Perv Timberlake <andy_theperv_timberlake@yahoo.com>
Message-ID: <1163783761.013437.48190@j44g2000cwa.googlegroups.com>
Source record: 49326
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,alt.usenet.kooks

The Goddamned blatherer of Obtuse Statements wrote:
> On Mon, 13 Nov 2006 12:59:31 -0500, Wabbit, frogging Mark Morgan, did
> most oddly state:
>
> And you're a raving, obnoxious, pathetic bigot!

And you are an AIDS-ridden cocksucking pervert!

2553. Re: Passed Tech Exam- Which HT??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-17 17:20:25 UTC
From: Andy the Perv Timberlake <andy_theperv_timberlake@yahoo.com>
Message-ID: <1163784025.214397.325050@h48g2000cwc.googlegroups.com>
Source record: 49327
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Slow Code wrote:
> **THE-RFI-EMI-GUY** <rhyolite@nettally.com> wrote in
> news:0Nx_g.3374$GN5.579@tornado.tampabay.rr.com:
>
> > No its double sideband. I do it for the kooks that are hung up on top or
> > bottom posting!
> >
> > Slow Code wrote:
> >
> >>**THE-RFI-EMI-GUY** <rhyolite@nettally.com> wrote in
> >>news:42gZg.29116$YO.19085@tornado.tampabay.rr.com:
> >>
> >>
> >>
> >>>Amazing; A new ham is excited about getting his ticket and these clowns
> >>>get into his face about CW.
> >>>
> >>>Next we will hear more griping about the hobby dying. No wonder. Just
> >>>read these posts, who would want to be associated with such clowns. I
> >>>am always amazed these clowns are so familiar with CB model numbers
> >>>etc.
> >>>
> >>>Slow Code wrote:
> >>>
> >>>
> >>>
> >>>>Papa Dog <papadogbg@yahoo.com> wrote in
> >>>>news:MPG.1f9b72ea52e3e77f989a42@news-server.carolina.rr.com:
> >>>>
> >>>>
> >>>>
> >>>>
> >>>>
> >>>>>Passed my Tech Exam today. Only missed one question.
> >>>>>
> >>>>>
> >>>>>
> >>>>>
> >>>>>
> >>>>>No, You missed another ten questions, the CW questions, but since the
> >>>>>Tech license is dumbed down you weren't tested on them.
> >>>>>
> >>>>>Don't know which HT to recommend, but a lot of No-codes like the
> >>>>>Cobra 148GTL for HF.

> >>>>
> >>>>SC
> >>>>
> >>>>
> >>>>
> >>>>
> >>>Amazing; A new ham is excited about getting his ticket and these clowns
> >>>get into his face about CW.
> >>>
> >>>Next we will hear more griping about the hobby dying. No wonder. Just
> >>>read these posts, who would want to be associated with such clowns. I
> >>>am always amazed these clowns are so familiar with CB model numbers
> >>>etc.
> >>>
> >>>
> >>
> >>
> >>
> >>WOW, Top and bottom posting, Are you bi like Markie?
> >>
> >>If ham radio dies it will be the dumbing down that killed it.
> >>
> >>SC
> >>
> >>
> > No its double sideband. I do it for the kooks that are hung up on top or
> > bottom posting!
>
>
> So you do swing both ways then.
>
> Say hi to Woger for me.

Yeah, because you only swing on your boyfirend's nutsack, huh sniveling
cunt?

2554. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-17 17:22:44 UTC
From: Gene Fuller <W4SZzzzzzz@att.net>
Message-ID: <Edm7h.70733$Fi1.62697@bgtnsc05-news.ops.worldnet.att.net>
Source record: 49328

Hi Roy,

Sorry about making such a mess. That tar is really hard to clean up.

FYI, I was referring mostly to Sevick's 4th edition of Transmission Line Transformers, published in 2001. As you mention, he has undergone a considerable transformation (pun intended) since his earliest books.

Sevick does indeed recommend a two-core approach for a 4:1 Guanella balun if the load side is not balanced. As you know, he generally avoids the use of the terms "current balun" and "voltage balun".

My question still holds, however. In a typical situation the "balanced" side, generally the antenna, is only partially unbalanced, not simply shorted to ground on one side. In this generic case would you expect the single core Guanella balun to perform poorly with slight or modest imbalance?

If both sides of the transformer are completely unbalanced it is not clear why one would expect a balun of any type to be useful. What is needed in that case is impedance transformation, not balancing.

73,
Gene
W4SZ

Roy Lewallen wrote:
> Oop, looks like I done hit de tar baby.
>
> Gene Fuller wrote:
>>
>> I have read your comment about the requirement for two cores for many
>> years, and I am still puzzled. In the ideal case the balun action is
>> performed by transmission line transformers, and the flux induced in
>> the core by the differential current is minimal. The core primarily
>> affects frequency response and common mode choking action.
>
> It's true that the flux induced by the differential current is minimal
> in a transmission line transformer. If, in fact, the balun is wound with
> coax as I usually make them, the flux induced by the differential
> current is zero because the differential field is entirely inside the
> shield.
>
> And it's true that the core affects common mode choking action. The
> common mode choking action is exactly what the function of a balun is --
> that's how it effects equal and opposite (purely differential mode)

> currents on the two transmission line conductors. In other words, that's
> how it produces balance and prevents feedline radiation.
>
> So the flux from the common mode component of the current is the very
> thing we need to look at when we evaluate baluns.
>
>> According to his books, Jerry Sevick has designed, analyzed, built,
>> and measured many single core 4:1 current baluns. He never mentions
>> the problem you allude to.
>
> I don't know which edition you have. I have only the first and second; I
> believe there was a third. In the first edition, it was clear that
> Sevick didn't understand the purpose of baluns or how they accomplished
> it. So I discount anything he wrote about baluns in the first edition.
> But he figured it out some time between the first and second editions,
> so there's some credible information in the second. A number of the 4:1
> baluns he shows are indeed wound on a single core. And he dutifully
> reports their frequency responses when terminated in a correct impedance
> load (seldom the case in a real antenna application). But nowhere do I
> see any measurement of their ability to do the primary job of a balun:
> to balance the feedline currents. So there's no way of knowing whether
> any or all of the many "current" baluns he constructed actually perform
> the function of a current balun.
>
> A way to qualitatively check to see if a balun is really acting like a
> current balun is to connect a load across the output. Short one terminal
> of the output to the "ground" terminal of the input, and measure the
> impedance looking in. Then disconnect that short and short the other
> output terminal to the "ground" terminal of the input and measure it
> again. You can do this with an antenna analyzer or impedance bridge. A
> perfect current balun will show the same, correct impedance in both
> tests. A perfect voltage balun will show very different impedances.
> There should be a way to get a quantitative measure of the longitudinal
> (common mode) impedance from this test, but I don't have time to dig it
> out just now.
>
> I'd like to add that not long ago I encountered a claim of a 4:1 current
> balun on a single core. It was indeed -- it was a conventional, as
> opposed to a transmission line, transformer, although it was wound in a
> way that made it resemble a transmission line transformer. And it had a
> fairly decent bandwidth, although a transmission line transformer is
> inherently much broader and doesn't couple differential flux into the
> core. So a 4:1 current balun can be constructed on a single core. But I
> don't know how a 4:1 transmission line current balun can.
>
>> What is happening here?
>
> A whole lot of things could be happening. If an antenna is perfectly
> symmetrical, a voltage balun will do the same job as a current balun.
> For an explanation why, see

> http://eznec.com/Amateur/Articles/Baluns.pdf. So a lot of the "current
> baluns" might well be voltage baluns. I seldom see anyone actually test
> the current balancing properties of baluns, and without this, there's no
> telling what's been constructed.
>
> I haven't looked carefully at Sevick's single core 4:1 "Guanella"
> baluns. They might be voltage baluns, or they might be conventional
> transformers -- bifilar windings don't automatically create a
> transmission line transformer. I don't see any test he ran to verify
> that they're functioning as current transformers or for that matter as
> transmission line transformers. In a transmission line transformer, the
> differential current always has a transmission line path to follow. Some
> connections can split the wires carrying a differential current apart,
> in which case you no longer have a transmission line transformer.
>
> If you know of a topology which produces a transmission line 4:1 current
> balun, I'd be very interested. You could use the same simple analysis
> method used in the balun article to show that it really is what you think.
>
> Mike Coslo wrote:
> >
> > I'm not sure myself, Gene. I've wound single core 4:1's, I've bought
> > at least 2 of them. I've also been told variously they don't work, and
> > can't even be made.
> >
> > Just what IS happening here?
>
> You probably made 4:1 voltage baluns, which worked well enough in your
> applications. Where a voltage balun is really a bad idea is when your
> antenna system isn't symmetrical. In an effort to balance the voltages
> on the two output terminals, it creates unbalanced currents. The
> difference between them becomes a common mode feedline current. This is
> also explained in the balun article.
>
> . . . Here Uncle Remus paused, and drew a two-pound yam out of the ashes.
>
> "Did the fox eat the rabbit?" asked the little boy to whom the story had
> been told.
>
> "Dat's all de fur de tale goes," replied the old man. "He mout, an den
> agin he moutent. Some say Judge B'ar come 'long en loosed 'im - some say
> he didn't. I hear Miss Sally callin'. You better run 'long."
>
> Roy Lewallen, W7EL

2555. Re: Digital oscilloscopes for FM waveform capture?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-17 18:09:12 UTC
From: K7ITM <k7itm@msn.com>
Message-ID: <1163786951.791549.169500@f16g2000cwb.googlegroups.com>
Source record: 49329

MRW wrote:
> There was an oscilloscope article written by Steven B. Warntjes about
> sustained sample rate in digital oscilloscopes. I wanted to get a
> verification from the experienced users on this group. Let's say I have
> an oscilloscope with 25000 sample memory depth and a real time sampling
> of 1 gigaSamples / sec with 200 MHz bandwidth (-3dB).
>
> If I had an FM carrier at 100 MHz with a 1000 Hz (1 mS period) test
> signal modulating it, does that mean that a digital oscilloscope with
> the specs above will not be able to capture the waveform properly?
>
> I was thinking that if the capture window (in seconds unit) is equal to
> the memory depth (in samples unit) divided by the sample rate (in
> samples / sec unit), then the maximum capture window that I can use and
> still maintain the rated sampling rate would be 25 uS (micro-seconds).
>
> So that means that if my carrier signal is deviating between 100MHz +/-
> 1kHz, then my capture window would at least have to be 1ms/div to
> capture the deviation properly (?). With a capture window of 1ms/div,
> my sample rate would decrease to 25 mega-samples/sec, which is not
> enough to sample the 100MHz carrier frequency.
>
> Is that right?
>
> I know that I can just use a spectrum analyzer, but I wanted to capture
> the waveform and duplicate the time-domain plot of frequency modulation
> (amplitude vs. time) that I've seen in the books.

OK, to begin with, why did you post this in an "antennas" group?

Your analysis seems about right, though you left out one important thing: you will be very hard pressed to see the difference between 100.000000MHz and 100.010000MHz on a scope waveform directly. Note that that's 10kHz difference: a normal signal on the FM broadcast band has nominally 75kHz deviation on signal peaks, even if the modulating audio is a 1kHz sinewave.

If you really want to see the effects of FM on a scope display, I have a couple ways to suggest that you can reasonably do it. First, if you want to see the "textbook" waveform, use a much lower carrier frequency. Use a 50kHz carrier, and modulate it with a +/- 5kHz deviation. That's a +/- 10% change in frequency, and it will be relatively easy to see on your 'scope. But even at that, if the modulating frequency is 1kHz, you'll need 50 cycles of carrier to see one cycle of the modulation; so if you want to see the effect clearly,

pick a higher modulation frequency, say 5kHz. Then just ten cycles of carrier represent a full cycle of the modulation. You can grok all that in one snapshot of the display. In other words, instead of looking for a scope that will work on an unrealistic signal, use a signal that's realistic to display what you want. If you trigger the scope on the modulating signal, you don't need a fancy digital scope; an analog one will do just fine.

The second alternative: If you want to see the effect on a 100MHz FM broadcast signal, use trigger delay. If you display the signal at 100nsec/division (normal 10 division wide screen), that's one cycle per division. If you use a trigger delay of 10usec, then a 100kHz shift in frequency will shift the displayed signal by one full cycle. That is, 10usec of 100.000MHz is exactly 1000 cycles, and 10usec of 100.100MHz is exactly 1001 cycles. You will see the frequency deviation from 100MHz as a phase shift in the displayed section of the waveform, 1/100th of a horizontal division per kHz of deviation. You can use a relatively cheap analog scope to do that; the main requirement is a stable trigger delay. Also, you can look instead at the 10.7MHz IF frequency commonly used in FM broadcast receivers, and that makes the job even easier. It's actually not a bad way to check the deviation of a broadcast signal, at least in a gross way.

Cheers,
Tom

2556. id theft is acrime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-17 21:44:32 UTC
From: Mark@kb9rqz.aprs
Message-ID: <a9bsl2hkls931dkfvsjlcq7qgrpqkgj1j8@4ax.com>
Source record: 49330
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On 17 Nov 2006 09:16:01 -0800, "Andy the Perv Timberlake"
<andy_theperv_timberlake@yahoo.com> wrote:

>
>The Goddamned blatherer of Obtuse Statements wrote:
>> On Mon, 13 Nov 2006 12:59:31 -0500, Wabbit, frogging Mark Morgan, did
>> most oddly state:
>>
>> And you're a raving, obnoxious, pathetic bigot!
>
>And you are an AIDS-ridden cocksucking pervert!
you are just sick
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2557. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-17 21:44:56 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12lsbar55dkaa4f@corp.supernews.com>
Source record: 49331

Gene Fuller wrote:
> Hi Roy,
>
> Sorry about making such a mess. That tar is really hard to clean up.
>
> FYI, I was referring mostly to Sevick's 4th edition of Transmission Line
> Transformers, published in 2001. As you mention, he has undergone a
> considerable transformation (pun intended) since his earliest books.

I'm glad to hear that. The first edition sold a lot of copies and contained a lot of misinformation. The second was better, and hopefully undid a little of the damage the first did. Maybe the net result was neutral by the time the fourth was published.

> Sevick does indeed recommend a two-core approach for a 4:1 Guanella
> balun if the load side is not balanced.

That's one of those improvements over the first and second editions.

> As you know, he generally avoids
> the use of the terms "current balun" and "voltage balun".

Yes, I think that's mostly because they're the terms I coined and used.

> My question still holds, however. In a typical situation the "balanced"
> side, generally the antenna, is only partially unbalanced, not simply
> shorted to ground on one side. In this generic case would you expect the
> single core Guanella balun to perform poorly with slight or modest
> imbalance?

I'm sorrry, I don't know, because I haven't looked carefully at his "Guanella" balun to see if it's a current balun, voltage balun, or something in between. As I pointed out in my balun article many years ago, if an antenna is perfectly symmetrical, voltage and current baluns perform equally. If it isn't, the voltage balun can make things even worse.

> If both sides of the transformer are completely unbalanced it is not
> clear why one would expect a balun of any type to be useful. What is
> needed in that case is impedance transformation, not balancing.

Have you read the article at http://eznec.com/Amateur/Articles/Baluns.pdf? If you have but still think that, then I certainly failed to communicate.

For the benefit of readers who have read the article, I didn't mention a second source of imbalance: mutual coupling to the antenna. This can occur if the feedline isn't run completely symmetrically relative to the

antenna. And, interestingly, there are situations where this is occurring that inserting a balun can actually increase the common mode current. That's a story for another article some day. But first I've got to somehow get people to read the first one.

Roy Lewallen, W7EL

2558. Re: PLEASURE

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-17 21:51:01 UTC
From: Mark@kb9rqz.aprs
Message-ID: <plbsl2d8n0st8cvqrka58cndibcr2ka1aj@4ax.com>
Source record: 49332
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

On Fri, 17 Nov 2006 00:55:17 GMT, Woger Hojnacki <wh@gav.net> wrote:

>
more id theft
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2559. Re: Digital oscilloscopes for FM waveform capture?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-17 21:55:40 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12lsbuvguon0ked@corp.supernews.com>
Source record: 49333

If you have 1 ms period repetitive modulation, the repetitive waveform you're generating repeats only once every ms, or more if the carrier and modulation aren't synchronized. So it takes at least 1 ms to capture one full cycle of your waveform. At 1 Gsample/sec, your sampling interval is 1 ns; 25,000 samples takes 25 us, way short of the 1 ms you need to capture even one cycle of the waveform. Yet you need a sampling period of 1/400 MHz = 2.5 ns to even hit the Nyquist rate, and around the 1 ns sample period to get a practical reproduction of the waveform.

So yeah, you can't do it with that machine.

Roy Lewallen, W7EL

MRW wrote:
> There was an oscilloscope article written by Steven B. Warntjes about
> sustained sample rate in digital oscilloscopes. I wanted to get a
> verification from the experienced users on this group. Let's say I have
> an oscilloscope with 25000 sample memory depth and a real time sampling
> of 1 gigaSamples / sec with 200 MHz bandwidth (-3dB).
>
> If I had an FM carrier at 100 MHz with a 1000 Hz (1 mS period) test
> signal modulating it, does that mean that a digital oscilloscope with
> the specs above will not be able to capture the waveform properly?
>
> I was thinking that if the capture window (in seconds unit) is equal to
> the memory depth (in samples unit) divided by the sample rate (in
> samples / sec unit), then the maximum capture window that I can use and
> still maintain the rated sampling rate would be 25 uS (micro-seconds).
>
> So that means that if my carrier signal is deviating between 100MHz +/-
> 1kHz, then my capture window would at least have to be 1ms/div to
> capture the deviation properly (?). With a capture window of 1ms/div,
> my sample rate would decrease to 25 mega-samples/sec, which is not
> enough to sample the 100MHz carrier frequency.
>
> Is that right?
>
> I know that I can just use a spectrum analyzer, but I wanted to capture
> the waveform and duplicate the time-domain plot of frequency modulation
> (amplitude vs. time) that I've seen in the books.
>
> Thanks!
>

2560. Wouff Hong for antenna newsgroup (filters)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-17 22:13:09 UTC
From: Rick <ricknj10@hotmail.com>
Message-ID: <ltq7h.3078$AO3.107@newsfe12.lga>
Source record: 49334

Since I began using Outlook Express as my newsreader I have been able to implement subject line filters which are nearly perfect in eliminating the QRM. Every few days I add to this filter as needed.
If you use Outlook Express and are not familiar with filters you are missing out on a real useful feature.
All you have to do is hit tools/message rules/News. Then build a new filter "where the subject line contains words" and then put in the words that will be used to eliminate the QRM. Works as good as a Wouff Hong. Here's my current list:

contains 'cw-forever' or 'slow code' or 'democrat' or 'Fcc took' or 'rumsfeld' or 'cw' or 'poll' or 'dumber' or 'blog' or 'crapthon' or 'crapathon' or 'cattle' or '...' or 'flonking' or 'punce' or 'passed tech'

Rick K2XT

2561. Re: Wouff Hong for antenna newsgroup (filters)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-17 22:16:58 UTC
From: Rick <ricknj10@hotmail.com>
Message-ID: <hxq7h.3079$AO3.1294@newsfe12.lga>
Source record: 49335

> Works as good as a Wouff Hong.

I should have said "Works ALMOST as well as a Wouff Hong."
Because a real Wouff Hong, properly administered, would eliminate not only the QRM but the QRM'er - a beautiful thing.

Rick K2XT

2562. Re: Wouff Hong for antenna newsgroup (filters)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-17 23:00:38 UTC
From: Dave <noone@nowhere.com>
Message-ID: <HrednWwr0Zi7osPYnZ2dnUVZ_tSdnZ2d@crocker.com>
Source record: 49336

argh!!! you just broke the cardinal rule of filtering! NEVER, NEVER,
NEVER, tell the filteree that he is being filtered out! now 'punce' becomes
'pu nce', 'dumber' becomes 'dum6er', etc, etc, etc, and all the filters you
and everyone else had to get rid of those guys are worthless!!!

"Rick" <ricknj10@hotmail.com> wrote in message
news:Itq7h.3078$AO3.107@newsfe12.lga...
> Since I began using Outlook Express as my newsreader I have been able to
> implement subject line filters which are nearly perfect in eliminating the
> QRM. Every few days I add to this filter as needed.
> If you use Outlook Express and are not familiar with filters you are
> missing out on a real useful feature.
> All you have to do is hit tools/message rules/News. Then build a new
> filter "where the subject line contains words" and then put in the words
> that will be used to eliminate the QRM. Works as good as a Wouff Hong.
> Here's my current list:
>
> contains 'cw-forever' or 'slow code' or 'democrat' or 'Fcc took' or
> 'rumsfeld' or 'cw' or 'poll' or 'dumber' or 'blog' or 'crapthon' or
> 'crapathon' or 'cattle' or '...' or 'flonking' or 'punce' or 'passed tech'
>
> Rick K2XT
>

2563. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-17 23:38:14 UTC
From: Gene Fuller <W4SZzzzzzz@att.net>
Message-ID: <GJr7h.71832$Fi1.11688@bgtnsc05-news.ops.worldnet.att.net>
Source record: 49337

Roy Lewallen wrote:

>
> Have you read the article at
> http://eznec.com/Amateur/Articles/Baluns.pdf? If you have but still
> think that, then I certainly failed to communicate.
>
> For the benefit of readers who have read the article, I didn't mention a
> second source of imbalance: mutual coupling to the antenna. This can
> occur if the feedline isn't run completely symmetrically relative to the
> antenna. And, interestingly, there are situations where this is
> occurring that inserting a balun can actually increase the common mode
> current. That's a story for another article some day. But first I've got
> to somehow get people to read the first one.
>
> Roy Lewallen, W7EL

Hi Roy,

Yes, I have a copy of your article, and I have actually read it. I think I even understand it. I took a fresh look just before I made my first post in this thread. The schematic for Sevick's Guanella 4:1 balun is exactly the same as your figure A3-4.

The only question I have is regarding the issue of two cores vs. one core. I have no doubt that grounding one of the high impedance leads can lead to improper choking action with a single core. In the completely balanced case the single core should work perfectly. So what happens in a more typical case where the antenna is in an unbalanced environment, but not fully shorted to ground on one side?

There are a number of designs out there for single core 4:1 "current baluns", all essentially the same, including the Elecraft balun. I have not tried to perform any measurements, so I have no idea whether these designs typically work or typically fail. That was the foundation of my original comment and question.

73,
Gene
W4SZ

2564. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-17 23:57:38 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12lsj3lehg3dk17@corp.supernews.com>
Source record: 49338

Gene Fuller wrote:
>
> Yes, I have a copy of your article, and I have actually read it. I think
> I even understand it. I took a fresh look just before I made my first
> post in this thread. The schematic for Sevick's Guanella 4:1 balun is
> exactly the same as your figure A3-4.

Then I'm puzzled by your statement that if an antenna is completely symmetrical, no balun is necessary. The very first two figures in the article and accompanying text show this isn't true. Of course, if you have a symmetrical antenna AND the feedline is placed symmetrically AND you have a truly balanced tuner, then there will be no common mode current and a balun won't do anything. Maybe that's what you meant.

> The only question I have is regarding the issue of two cores vs. one
> core. I have no doubt that grounding one of the high impedance leads can
> lead to improper choking action with a single core. In the completely
> balanced case the single core should work perfectly. So what happens in
> a more typical case where the antenna is in an unbalanced environment,
> but not fully shorted to ground on one side?

It's absolutely true that the test I proposed is a worst case, much more severe than any realistic application. But I'm sorry, I don't believe there is a "typical" case -- there are much too many variables involved. In many situations, a balun isn't used at all and the result is entirely satisfactory. Others take rather heroic effort to keep the common mode current tolerable.

> There are a number of designs out there for single core 4:1 "current
> baluns", all essentially the same, including the Elecraft balun. I have
> not tried to perform any measurements, so I have no idea whether these
> designs typically work or typically fail. That was the foundation of my
> original comment and question.

Sorry, I've never seen or measured one. It would be great if someone would run some balance tests and see how effective it is.

By the way, there seems to be a pervasive myth that a 4:1 balun or transformer used in an antenna system actually effects a 4:1 impedance transformation. You can make one look wonderful by terminating it with the design impedance (typically 200 ohms resistive) and looking into the input. But anyone wanting to have a real eye-opening experience should measure the impedance of a multi-band antenna on several bands, then look at the impedance at the input of that "4:1" transformer when terminated with the actual impedance it sees. That's not to say the transformer doesn't do something, or even that it might present an

impedance that's more (or less) favorable for a tuner to match. But you'll find that the transformation ratio is often not only far from 4:1, but the transformer also introduces considerable reactance. Whether this helps or hurts when it comes to matching is something of a crap shoot.

Roy Lewallen, W7EL

2565. Re: Wouff Hong for antenna newsgroup (filters)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 00:18:59 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12lskboms0td95f@corp.supernews.com>
Source record: 49339

I don't really understand what drives this bunch of posters to cross post to this and other inappropriate groups. It's apparently some kind of attention-getting need, like a two year old tugging on your arm. Reasoning with them in a polite adult way does have about as much effect as with a two year old, so there is some similarity. If those guys are really amateurs, their banal postings provide a good reason for any potential new amateur to avoid amateur radio -- maybe that's their objective. But in order to keep up the annoying din, they change "handles" and subject titles almost by the minute. ("Mom!" "Hey, Mother!" "Muh-thur!" "Mommy!" "Moooom!") This makes filtering just about as time-consuming a process as just constantly marking the threads as read as they appear.

I use Thunderbird, which also has filtering capability. But what I'd *really* like is the ability to filter on the basis of the newsgroups to which a message is cross-posted. Anything with "policy" or "CB" would be the first on the list. As open-source code, people are able to and have created quite a number of Thunderbird add-ins for various jobs. It would be really cool if someone with a bit of spare time would put together one to do this kind of filtering. My gut feel is that this wouldn't require much more than a minor modification of the existing filtering routine, but I haven't really looked into it.

In the meantime, I just consider the annoying background din as something that comes with the territory, like mosquitoes in the woods or lice in cheap hotels. Some effective repellent would be nice, though.

Roy Lewallen, W7EL

Rick wrote:
> Since I began using Outlook Express as my newsreader I have been able to
> implement subject line filters which are nearly perfect in eliminating the
> QRM. Every few days I add to this filter as needed.
> If you use Outlook Express and are not familiar with filters you are missing
> out on a real useful feature.
> All you have to do is hit tools/message rules/News. Then build a new filter
> "where the subject line contains words" and then put in the words that will
> be used to eliminate the QRM. Works as good as a Wouff Hong. Here's my
> current list:
>
> contains 'cw-forever' or 'slow code' or 'democrat' or 'Fcc took' or
> 'rumsfeld' or 'cw' or 'poll' or 'dumber' or 'blog' or 'crapthon' or
> 'crapathon' or 'cattle' or '...' or 'flonking' or 'punce' or 'passed tech'
>
> Rick K2XT

>
>

2566. Re: Wouff Hong for antenna newsgroup (filters)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 00:21:16 UTC
From: Ed <Huckleberry_REMOVE_@bigvalley.net>
Message-ID: <Xns987EA744E8FF4spectrumhogstarbandn@198.186.192.196>
Source record: 49340

"Dave" <noone@nowhere.com> wrote in

> argh!!! you just broke the cardinal rule of filtering! NEVER, NEVER,
> NEVER, tell the filteree that he is being filtered out! now 'punce'
> becomes 'pu nce', 'dumber' becomes 'dum6er', etc, etc, etc, and all
> the filters you and everyone else had to get rid of those guys are
> worthless!!!

Not really a problem for me. With my news reader, its so easy to add a
new filter... it essentially takes less time than reading one or two
additional post from the idiots, so is well worth the effort.

2567. Re: Wouff Hong for antenna newsgroup (filters)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 01:20:57 UTC
From: Lloyd Wiseman <davies@wiseman_hojnacki.org>
Message-ID: <Zdt7h.165$sf5.54@newsread4.news.pas.earthlink.net>
Source record: 49341
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

"Rick" <ricknj10@hotmail.com> wrote in
news:hxq7h.3079$AO3.1294@newsfe12.lga:

>
>> Works as good as a Wouff Hong.
>
> I should have said "Works ALMOST as well as a Wouff Hong."
> Because a real Wouff Hong, properly administered, would eliminate not
> only the QRM but the QRM'er - a beautiful thing.
>
> Rick K2XT

Get used to the QRM, because after CW is eliminated you're going to wish
your rig did come with Rettysnitch and wouff hong filters...

But I forget, due to the lack of support for good tests a lot of you
people must like hearing Lids.

SC

2568. Re: Wouff Hong for antenna newsgroup (filters)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 01:23:23 UTC
From: Mike Coslo <mremovethiscoslo@adelphia.net>
Message-ID: <zaednTd7LqYU_cPYnZ2dnUVZ_tadnZ2d@comcast.com>
Source record: 49342

Roy Lewallen wrote:
> I don't really understand what drives this bunch of posters to cross
> post to this and other inappropriate groups. It's apparently some kind
> of attention-getting need, like a two year old tugging on your arm.

Two basic issues, Roy. The first one is that these individuals are not considering that there is a human behind the others they are playing their little game with - it's just a big text based interactive game. The second issue is more serious I'm afraid. We can figure out that one from the content of their posts.

- 73 de Mike KB3EIA -

2569. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 02:40:38 UTC
From: Gene Fuller <W4SZzzzzzz@att.net>
Message-ID: <Gou7h.72551$Fi1.27813@bgtnsc05-news.ops.worldnet.att.net>
Source record: 49343

Roy Lewallen wrote:
> Gene Fuller wrote:
>>
>> Yes, I have a copy of your article, and I have actually read it. I
>> think I even understand it. I took a fresh look just before I made my
>> first post in this thread. The schematic for Sevick's Guanella 4:1
>> balun is exactly the same as your figure A3-4.
>
> Then I'm puzzled by your statement that if an antenna is completely
> symmetrical, no balun is necessary. The very first two figures in the
> article and accompanying text show this isn't true. Of course, if you
> have a symmetrical antenna AND the feedline is placed symmetrically AND
> you have a truly balanced tuner, then there will be no common mode
> current and a balun won't do anything. Maybe that's what you meant.

Roy,

If I said that no balun is necessary then I apologize. I certainly did not intend to say or imply such a thing. I do believe, however that a single core balun would serve well if the antenna is balanced by design and by its environment.

The question is how the single core balun performance degrades as the antenna becomes less balanced through, for example, an asymmetrically placed feedline. It seems difficult to analyze that problem, and experimentation would be required.

73,
Gene
W4SZ

2570. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 03:33:55 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12lsvp687c2iu62@corp.supernews.com>
Source record: 49344

Gene Fuller wrote:
>
> If I said that no balun is necessary then I apologize. I certainly did
> not intend to say or imply such a thing. I do believe, however that a
> single core balun would serve well if the antenna is balanced by design
> and by its environment.
>
> The question is how the single core balun performance degrades as the
> antenna becomes less balanced through, for example, an asymmetrically
> placed feedline. It seems difficult to analyze that problem, and
> experimentation would be required.

I agree completely that there's no good way to analyze what will happen. While you can model a 1:1 current balun with EZNEC or other NEC-based programs, and an ideal transformer with NEC (or simply multiply reported impedances with EZNEC), combining them for a model of a transforming current balun, there's no way I know of to model even an ideal voltage balun. And as I mentioned earlier, a real transformer is far, far from ideal when terminated with the kinds of impedances you see in a real antenna, particularly a multiband one.

You would indeed have to experiment. But it's easy to make quantitative measurements of common mode current as I showed in the balun article. So you can make good comparisons of one method over another for your particular setup. I'd certainly be cautious of trying to extrapolate what you found to other situations, though.

Roy Lewallen, W7EL

2571. Operation of bootstrap coax traps

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 03:58:04 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <fmvsl259t1j6omumquggugs3rg2073bp6o@4ax.com>
Source record: 49345

Picking up on a comment in a previous thread on coax traps

The type of trap I am discussing here is one where a coil is formed of a length of coax, the outer conductor of one coax end is tied to the inner conductor of the other coax end, and the remaining connections (outer at one end and inner at the other) form the terminals for the trap.

I have drawn a diagram of the configuration at http://www.vk1od.net/lost/coil.gif .

I am unsure of who originated this design, so until I determine that reliably, I will refer to the design as the "bootstrap" type, as the inductor is connected in parallel with one end of the transmission line, and the outer of the other end of the line is connected to the end of the inductor so as to bootstrap the pair.

I have seen explanations of the operation of this circuit, and those that I have seen seem unsound.

Let me propose an explanation of how this trap works.

With reference to the diagram, I1 is the current into terminal A and the inner conductor of the coax. Lets designate V1 as the voltage beween the inner and outer of the coax at that point.

I2 is the current out of the other end of the coax inner conductor, and lets designate V2 as the voltage beween the inner and outer of the coax at that point.

The outer conductor of the coax forms a coil with and equivalent inductance and series resistance.

The current that flows on the outside of the coax outer conductor is I1+I2.

V1, I1, V2, and I2 have a relationship given by the common transmission line equations, given gamma (the complex propagation constant) for the transmission line, and its length.

The impedance between terminals A and B is given by (V1+V2)/I1.

The values for V1, V2, and I1 can be found by solving the set of simultaneous equations that describe the system.

It seems to me that an explanation that considers that I1=I2, or that propagation time on the coax is zero, or that the inner conductor forms a inductance with mutual coupling to the outside of the outer

conductor is flawed.

Owen

--

2572. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 05:40:11 UTC
From: jimg <jim.gorecki@gmail.com>
Message-ID: <1163828411.676067.115880@m7g2000cwm.googlegroups.com>
Source record: 49346

Not sure how you measured it, but you do realize that the bslun needs to be terminated in it's appropriate imepdances (load) for you to measure it's response over frequency. Without the loads, the capacitive portion will dominate due to the winding cap and it will peak at a very low frequency. With terminations, the response will broaden out (remember? s^2+R/Ls+ 1/LCwhere R/L = wo/Q).

2573. Re: Wouff Hong for antenna newsgroup (filters)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 07:39:03 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <sMy7h.1565$N91.204@newsfe24.lga>
Source record: 49347

"Roy Lewallen" <w7el@eznec.com> wrote in message
news:12lskboms0td95f@corp.supernews.com...
> I don't really understand what drives this bunch of posters to cross
> post to this and other inappropriate groups. It's apparently some kind
> of attention-getting need, like a two year old tugging on your arm.

Yes, an attention-getting need. It could be an extension of something I learned as a little kid: If the kids grabbed one kid's hat, objecting just prolonged the game. The hat would be tossed around as long as the hatless one kept chasing it.

The trolls' NG behavior seems like a modern-day hat grab. If you want them to lose interest, stop chasing the hat.

"Sal"

PS: I have a similar Outlook filter list.

2574. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 12:56:17 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1163854577.287989.10450@h54g2000cwb.googlegroups.com>
Source record: 49348

Oy Vey, my head hurts after reading all this, and it is spinning, spinning, and the blood in my veins is transforming into chili... Maybe that is why I have converted my balanced antennas to 600 ohm feed and built my own link coupled, balanced tuners... Because chillun' if youse look at the so called balanced tuners everyone is peddling these days, dey haint... <hey, I read Huck Finn when I was a kid, also>

So, let us summarize...
I suspect that most will agree that using a B A L U N to coaxial feed an unbalanced load, such as a Zepp, or a ground mounted vertical, is not a good idea...
I suspect that most will agree that that using a B A L U N to coaxial feed a mostly balanced load, i.e. dipoles, inverted vees, yagi-uda's, etc. can be a good idea - depending...
Where I suspect the water gets muddy is when we carelessly <intellectually speaking> mix the functions of a choke balun with an impedence transformer...

As Roy has pointed out, having both magnetic activities on the same core will allow mixing of the core flux and possibly <probably even> degrade the functioning of one or both... Notice that Sevik has designs that use two or more cores to separate the functions of transforming impedence and of choking common mode current.. And that he has no hesitation in series connecting two or more devices to get to the final result desired...

Probably, the cleanest way to doing both a transformation of impedence and of balance is to use one or more UNUN's in series to reach the desired impedence, and then series a 1:1 BALUN designed for that impedence level... If you still lie awake at night worrying about current on your feedline, the add a solenoid wound, coaxial choke below the whole mess...
Or go back to wire feed...

denny / k8do

2575. Re: matching 50 ohm line to 75 ohm antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 13:31:32 UTC
From: JIMMIE <JIMMIEDEE123@YAHOO.COM>
Message-ID: <1163856692.306796.195260@h48g2000cwc.googlegroups.com>
Source record: 49349

Tam/WB2TT wrote:
> "N4aeq" <tucker@conninc.com> wrote in message
> news:1163620992.704887.169500@b28g2000cwb.googlegroups.com...
> >
> > Dave wrote:
> >> N4aeq wrote:
> >>
> >> > Im trying to match 50 ohm coax (lmr400) with a log peroidic which
> >> > should have a 75 ohm feedpoint
> >> > the SWR is flat across the 6 m band but high. Im thinking i need a
> >> > better match but not sure
> >> > where to start.
> >> >
> >>
> >> You have not stated which LP you are using. So, my comments are general
> >> in nature.
> >>
> >> The feedpoint impedance of a LP does vary as a function of frequency and
> >> the log
> >> characteristics of the elements, their spacing, and the boom geometry.
> >> The
> >> feedpoint impedance will cycle between a low to high value and generally
> >> remain
> >> below 1.7:1.
> >>
> >> Example: my HF LP [Tennadyne T8] can have any feedpoint impedance between
> >> 29.4
> >> and 85 ohms as I tune from 13.5 MHz to 30 MHz and it will have numerous
> >> excursions within the frequency range. That is the Physics of LP design.
> >>
> >> Since the feedpoint impedance is a variable it is not easily matched to a
> >> standard coax line.
> >>
> >> Now, a VSWR of 1.7:1 relates to approximately 93% of the rigs power being
> >> coupled to the antenna.
> >>
> >> To your comment. What is the 6 meter VSWR?
> >>
> >> If it is less than 2:1 [90% coupling to the antenna] then forget it!
> >
> > Im using a double boom LPA, 50 coax connected to the front with shield
> > to one boom and
> > cc to the other. The back of the boom is shorted with a bar, it is a
> > monoband 50-54mhz

> > 5 element. Swr nowhere near 2:1 (i wish) and i have checked the line
> > so its ok so maybe
> > i should have ask how do you adjust the impeadance on a double boom lpa?
> >
> I still think it is a 200 Ohm antenna.
>
> Tam

On a double boom LPA ithe nominal value can be around 50 ohms, It depends on the spacing of the booms. Bill Orr has a design for 6 meters that used 3 or 4 elements in an LPA and then added a few parasitic elements. I tried this antenna and mine had no noticeable improvement over my 4 element Yagi

Jimmie D

2576. Re: matching 50 ohm line to 75 ohm antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 13:31:39 UTC
From: JIMMIE <JIMMIEDEE123@YAHOO.COM>
Message-ID: <1163856699.308148.17900@e3g2000cwe.googlegroups.com>
Source record: 49350

Tam/WB2TT wrote:
> "N4aeq" <tucker@conninc.com> wrote in message
> news:1163620992.704887.169500@b28g2000cwb.googlegroups.com...
> >
> > Dave wrote:
> >> N4aeq wrote:
> >>
> >> > Im trying to match 50 ohm coax (lmr400) with a log peroidic which
> >> > should have a 75 ohm feedpoint
> >> > the SWR is flat across the 6 m band but high. Im thinking i need a
> >> > better match but not sure
> >> > where to start.
> >> >
> >>
> >> You have not stated which LP you are using. So, my comments are general
> >> in nature.
> >>
> >> The feedpoint impedance of a LP does vary as a function of frequency and
> >> the log
> >> characteristics of the elements, their spacing, and the boom geometry.
> >> The
> >> feedpoint impedance will cycle between a low to high value and generally
> >> remain
> >> below 1.7:1.
> >>
> >> Example: my HF LP [Tennadyne T8] can have any feedpoint impedance between
> >> 29.4
> >> and 85 ohms as I tune from 13.5 MHz to 30 MHz and it will have numerous
> >> excursions within the frequency range. That is the Physics of LP design.
> >>
> >> Since the feedpoint impedance is a variable it is not easily matched to a
> >> standard coax line.
> >>
> >> Now, a VSWR of 1.7:1 relates to approximately 93% of the rigs power being
> >> coupled to the antenna.
> >>
> >> To your comment. What is the 6 meter VSWR?
> >>
> >> If it is less than 2:1 [90% coupling to the antenna] then forget it!
> >
> > Im using a double boom LPA, 50 coax connected to the front with shield
> > to one boom and
> > cc to the other. The back of the boom is shorted with a bar, it is a
> > monoband 50-54mhz

> > 5 element. Swr nowhere near 2:1 (i wish) and i have checked the line
> > so its ok so maybe
> > i should have ask how do you adjust the impeadance on a double boom lpa?
> >
> I still think it is a 200 Ohm antenna.
>
> Tam

On a double boom LPA ithe nominal value can be around 50 ohms, It depends on the spacing of the booms. Bill Orr has a design for 6 meters that used 3 or 4 elements in an LPA and then added a few parasitic elements. I tried this antenna and mine had no noticeable improvement over my 4 element Yagi

Jimmie D

2577. Re: matching 50 ohm line to 75 ohm antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 13:39:23 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <BbydnTDYLfGWkMLYnZ2dnUVZ_rOdnZ2d@comcast.com>
Source record: 49351

JIMMIE wrote:

SNIPPED
> On a double boom LPA ithe nominal value can be around 50 ohms, It
> depends on the spacing of the booms. Bill Orr has a design for 6 meters
> that used 3 or 4 elements in an LPA and then added a few parasitic
> elements. I tried this antenna and mine had no noticeable improvement
> over my 4 element Yagi
>
> Jimmie D
>

Jimmie, I would expect no improvement in GAIN over a four element Yagi.

But how does the VSWR compare between the two antennas when measured continuously from 50.0 to 54.0 MHz? I expect the LP will have a more uniform VSWR. That is why people choose LPs. Namely to get a 'flatter' VSWR response.

/s/ DD

2578. Best 2M antenna for atv ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 13:51:28 UTC
From: James <jnipperxxx@nospamfdn.com>
Message-ID: <Ft2dnWCL2rdBksLYnZ2dnUVZ_t6dnZ2d@comcast.com>
Source record: 49352
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna

I want to mount a 2 meter rig on my Honda Foreman ATV. I want a high-gain antenna, either a 5/8 wave or possibly a collinear. I would like to stay around 4 to 5 feet in length, but it is possible that a collinear would be longer.

Any recommendations on this ? I know that an atv would not provide much of a ground plane, so I think a 1/4 wave would be out of the question.

Any recommended "type" (wavelength, etc) and brand for this use ?

Thanks for any comments !!

73 de Jim K4PYT

2579. Re: Operation of bootstrap coax traps

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 14:01:44 UTC
From: Dave <noone@nowhere.com>
Message-ID: <xOednYWn5NDXj8LYnZ2dnUVZ_o-dnZ2d@crocker.com>
Source record: 49353

a lot of the performance probably depends on the frequency vs length of the coax. if the frequency is low enough that the delay in the coax is small then you basically have a capacitor (the inner conductor to the inside of the shield), in parallel with an inductor (the outside of the shield). it gets a bit uglier because of capacitance between turns on the outside, but that is likely much smaller than the internal capacitance. so you end up with a basic parallel resonant circuit. at high frequencies where the length of coax is longer than a small fraction of a wavelength that probably falls apart and would take much more complex analysis to figure out.

"Owen Duffy" <owen@no.where> wrote in message
news:fmvsl259t1j6omumquggugs3rg2073bp6o@4ax.com...
>
> Picking up on a comment in a previous thread on coax traps
>
> The type of trap I am discussing here is one where a coil is formed of
> a length of coax, the outer conductor of one coax end is tied to the
> inner conductor of the other coax end, and the remaining connections
> (outer at one end and inner at the other) form the terminals for the
> trap.
>
> I have drawn a diagram of the configuration at
> http://www.vk1od.net/lost/coil.gif .
>
> I am unsure of who originated this design, so until I determine that
> reliably, I will refer to the design as the "bootstrap" type, as the
> inductor is connected in parallel with one end of the transmission
> line, and the outer of the other end of the line is connected to the
> end of the inductor so as to bootstrap the pair.
>
> I have seen explanations of the operation of this circuit, and those
> that I have seen seem unsound.
>
> Let me propose an explanation of how this trap works.
>
> With reference to the diagram, I1 is the current into terminal A and
> the inner conductor of the coax. Lets designate V1 as the voltage
> beween the inner and outer of the coax at that point.
>
> I2 is the current out of the other end of the coax inner conductor,
> and lets designate V2 as the voltage beween the inner and outer of the
> coax at that point.
>
> The outer conductor of the coax forms a coil with and equivalent

> inductance and series resistance.
>
> The current that flows on the outside of the coax outer conductor is
> I1+I2.
>
> V1, I1, V2, and I2 have a relationship given by the common
> transmission line equations, given gamma (the complex propagation
> constant) for the transmission line, and its length.
>
> The impedance between terminals A and B is given by (V1+V2)/I1.
>
> The values for V1, V2, and I1 can be found by solving the set of
> simultaneous equations that describe the system.
>
> It seems to me that an explanation that considers that I1=I2, or that
> propagation time on the coax is zero, or that the inner conductor
> forms a inductance with mutual coupling to the outside of the outer
> conductor is flawed.
>
> Owen
>
> --

2580. Re: Best 2M antenna for atv ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 14:58:39 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <zcF7h.29209$nG1.18055@tornado.southeast.rr.com>
Source record: 49354
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna

I use a lakeview colliner at both my home qth and on my truck. It is rugged
but a bit long.
http://www.hamstick.com/9007.htm
Great 2m antenna..
Joe

"James" <jnipperxxx@nospamfdn.com> wrote in message
news:Ft2dnWCL2rdBksLYnZ2dnUVZ_t6dnZ2d@comcast.com...
>
>
> I want to mount a 2 meter rig on my Honda Foreman ATV. I want a
> high-gain antenna, either a 5/8 wave or possibly a collinear. I would
> like to stay around 4 to 5 feet in length, but it is possible that a
> collinear would be longer.
>
> Any recommendations on this ? I know that an atv would not provide much
> of a ground plane, so I think a 1/4 wave would be out of the question.
>
> Any recommended "type" (wavelength, etc) and brand for this use ?
>
> Thanks for any comments !!
>
>
> 73 de Jim K4PYT
>
>

2581. Re: Operation of bootstrap coax traps

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 15:22:25 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <RyF7h.26784$TV3.23577@newssvr21.news.prodigy.com>
Source record: 49355

Owen Duffy wrote:
> The current that flows on the outside of the coax outer conductor is
> I1+I2.

It appears to me that the two currents are designed
to create a transmission line stub in the middle of
an antenna wire. What if I2 is equal in magnitude
to I1 and phase-shifted by 180 degrees? Wouldn't
that cause all the current to flow *inside* the coax
thus eliminating common-mode currents at the trap?
If common-mode currents are eliminated at 'A', wouldn't
that also eliminate common-mode currents at 'B'?
--
73, Cecil http://www.w5dxp.com

2582. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 15:37:16 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <MMF7h.26786$TV3.21343@newssvr21.news.prodigy.com>
Source record: 49356

Denny wrote:
> Because chillun' if
> youse look at the so called balanced tuners everyone is peddling these
> days, dey haint... <hey, I read Huck Finn when I was a kid, also>

Even the MFJ balanced tuners feed the common-mode
currents directly through the tuning caps where
they encounter a 1:1 choke-balun on the input of
the network. That's not much difference from using
an unbalanced tuner with the choke on the output.
Your link coupling is a better solution although
a fixed number of turns in the link probably won't
work 3-30 MHz.
--
73, Cecil http://www.w5dxp.com

2583. Re: Best 2M antenna for atv ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 15:52:50 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <m%F7h.26790$TV3.18626@newssvr21.news.prodigy.com>
Source record: 49357
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna

James wrote:
> Any recommendations on this ? I know that an atv would not provide much
> of a ground plane, so I think a 1/4 wave would be out of the question.

For optimum performance, a 5/8WL needs a better ground
plane than a 1/4WL. I once provided four radial whips
attached to the luggage rack on my motorcycle which
worked with a 1/4WL vertical. It performed well.

> Any recommended "type" (wavelength, etc) and brand for this use ?

On my bicycle, I use a J-Pole made out of ladder-line.
It is attached to a fiberglass bicycle flag pole. It
doesn't need a ground plane. This should work well on
an ATV. You may even already have the fiberglass flag
as is required when riding on many beaches.
--
73, Cecil http://www.w5dxp.com

2584. Re: Operation of bootstrap coax traps

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 16:01:55 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <T7G7h.26797$TV3.6948@newssvr21.news.prodigy.com>
Source record: 49358

Dave wrote:
> a lot of the performance probably depends on the frequency vs length of the
> coax. if the frequency is low enough that the delay in the coax is small
> then you basically have a capacitor (the inner conductor to the inside of
> the shield), in parallel with an inductor (the outside of the shield). it
> gets a bit uglier because of capacitance between turns on the outside, but
> that is likely much smaller than the internal capacitance. so you end up
> with a basic parallel resonant circuit. at high frequencies where the
> length of coax is longer than a small fraction of a wavelength that probably
> falls apart and would take much more complex analysis to figure out.

This thing is much easier analyzed as a distributed network
transmission line. At the resonant frequency where I2 is 180
degrees out of phase with I1, assuming |I1|=|I2|, common-mode
currents are eliminated so there are none available at 'B'.
On frequencies where I2 is not 180 degrees out of phase with
I1, common-mode currents flow on the outside braid of the trap
and thus continue to flow down the antenna wire at point 'B'.

The key to understanding the operation of this trap is to
realize that current ceases to flow on the outside of the
trap braid at the trap's designed-for frequency.
--
73, Cecil http://www.w5dxp.com

2585. Re: Best 2M antenna for atv ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 16:10:12 UTC
From: Bob Bob <bob3bob3@suddenlink.net>
Message-ID: <5sn334-a8u.ln1@p400bob.personal.cox.net>
Source record: 49363
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna

Hi Jim

Keep in mind that if you are doing a lot of off-road the high gain antenna, normally optimized to radiate towards the horizon, ends up skying or firing most of it into the ground. This is why for example a 1/4 wave is great in city "canyons" and mountainous areas. The "all around" radiation has a better chance of reflecting off something above you.

You can always make a wire etc counterpoise for the 1/4 wave.

Any effective collinear is going to be big to do well. Its also going to be somewhat whippy. A 1/2 over 1/4 or 5/8 over 1/4 you can work out how big that will be. This kind of antenna will need a ground plane so maybe you could look at a 1/2 over 1/2 voltage fed. This will be over 6ft long!

I saw a 1/2 wave voltage fed antenna once made up like a slim jim. It had two parallel spring steel conductors about 4-5ft long and half n inch apart. It was very effective. It was fed about 2" from the bottom (the lower 1/3 of the antenna being the matching section - which also raised the antenna height some) If you want to experiment (with something that will eventually break) consider some 300 ohm ribbon inside 3/4" plastic conduit.

Apologies for not giving any specific brand details. I tend to make my own...

Cheers Bob VK2YQA

James wrote:
> I want to mount a 2 meter rig on my Honda Foreman ATV. I want a
> high-gain antenna, either a 5/8 wave or possibly a collinear. I would
> like to stay around 4 to 5 feet in length, but it is possible that a
> collinear would be longer.

2586. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 16:22:46 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1163866966.660425.301150@f16g2000cwb.googlegroups.com>
Source record: 49359

Single band tuners... Link ratio is tuned to the antenna impedence...
All hand made parts including the variable caps... Only ones in the
world and like nuttin you ever saw before... Works like gangbusters...
Just a little hobby to keep me out of bars and from shooting dice on
street corners...

denny

Cecil Moore wrote:

> Your link coupling is a better solution although
> a fixed number of turns in the link probably won't
> work 3-30 MHz.

2587. Re: Best 2M antenna for atv ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 16:34:25 UTC
From: James <jnipperxxx@nospamfdn.com>
Message-ID: <MeudnVK2d_6Tq8LYnZ2dnUVZ_oOdnZ2d@comcast.com>
Source record: 49360
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna

Thanks to both Merlin and to Cecil. Well, I thought that a 1/4 wave
would rely on a good ground plane more than a 5/8 wave antenna would. I
will have to consider that.

As for a J-Pole, I really don't think that is a high-gain antenna , is it ?
My thinking has been that it is primarily a dipole, mounted vertically.

Thanks again !!

73 de Jim K4PYT

2588. Re: Operation of bootstrap coax traps

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 16:45:13 UTC
From: Wes <n7ws@yahoo.com>
Message-ID: <1163868313.833373.34570@b28g2000cwb.googlegroups.com>
Source record: 49361

Owen Duffy wrote:
> Picking up on a comment in a previous thread on coax traps
>
> The type of trap I am discussing here is one where a coil is formed of
> a length of coax, the outer conductor of one coax end is tied to the
> inner conductor of the other coax end, and the remaining connections
> (outer at one end and inner at the other) form the terminals for the
> trap.
>
> I have drawn a diagram of the configuration at
> http://www.vk1od.net/lost/coil.gif .
>
> I am unsure of who originated this design, so until I determine that
> reliably, I will refer to the design as the "bootstrap" type, as the
> inductor is connected in parallel with one end of the transmission
> line, and the outer of the other end of the line is connected to the
> end of the inductor so as to bootstrap the pair.
>
> I have seen explanations of the operation of this circuit, and those
> that I have seen seem unsound.
>
> Let me propose an explanation of how this trap works.
>
> With reference to the diagram, I1 is the current into terminal A and
> the inner conductor of the coax. Lets designate V1 as the voltage
> beween the inner and outer of the coax at that point.
>
> I2 is the current out of the other end of the coax inner conductor,
> and lets designate V2 as the voltage beween the inner and outer of the
> coax at that point.
>
> The outer conductor of the coax forms a coil with and equivalent
> inductance and series resistance.
>
> The current that flows on the outside of the coax outer conductor is
> I1+I2.
>
> V1, I1, V2, and I2 have a relationship given by the common
> transmission line equations, given gamma (the complex propagation
> constant) for the transmission line, and its length.
>
> The impedance between terminals A and B is given by (V1+V2)/I1.
>
> The values for V1, V2, and I1 can be found by solving the set of

> simultaneous equations that describe the system.
>
> It seems to me that an explanation that considers that I1=I2, or that
> propagation time on the coax is zero, or that the inner conductor
> forms a inductance with mutual coupling to the outside of the outer
> conductor is flawed.

Owen,

I have placed another file here:

http://www.k6mhe.com/n7ws/TrapMysteries.pdf

that may be helpful.

Wes
>
> Owen
>
> --

2589. Re: Best 2M antenna for atv ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 16:46:48 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <YNG7h.26803$TV3.17967@newssvr21.news.prodigy.com>
Source record: 49362
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna

James wrote:
> As for a J-Pole, I really don't think that is a high-gain antenna , is it ?
> My thinking has been that it is primarily a dipole, mounted vertically.

A 1/4WL is not a high-gain antenna either. Neither
is a 5/8WL with a non-optimum ground plane. A J-Pole
has essentially the same radiation pattern as a
1/4WL ground plane but it doesn't need a ground
plane. If you want gain and are willing to provide
an optimum ground plane on your ATV, then there are
phased-array gain antennas available, e.g. the
Diamond 97 inch NR22L with an advertised gain of
6 dBd.
--
73, Cecil http://www.w5dxp.com

2590. Re: Operation of bootstrap coax traps

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 20:42:50 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <c6rul2lkr67a6asnp99fmje8jm9q3pbo5k@4ax.com>
Source record: 49364

On 18 Nov 2006 08:45:13 -0800, "Wes" <n7ws@yahoo.com> wrote:

>

>Owen,
>
>I have placed another file here:
>
>http://www.k6mhe.com/n7ws/TrapMysteries.pdf
>
>that may be helpful.
>
>Wes

Thanks Wes. That seems to be the document that serves as the root reference for most discussion, though someone may have described the circuit prior to that document.

I searched the net for the paper to no avail, so thanks, it is most helpful, and very kind of you to fetch it out and scan it.

There are some noteable inconsistencies betweent that document and the other two you posted.

I also think that there are significant issues in N3GO's paper, more to follow.

I will do some modelling of the coil configurations for which he reported measurements.

Owen
--

2591. Re: Operation of bootstrap coax traps

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 21:03:07 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <nirul2dfe9erb368bidhh8qli9ofqonua3@4ax.com>
Source record: 49365

On Sat, 18 Nov 2006 16:01:55 GMT, Cecil Moore <mycall@hotmail.com>
wrote:

>Dave wrote:
>> a lot of the performance probably depends on the frequency vs length of the
>> coax. if the frequency is low enough that the delay in the coax is small
>> then you basically have a capacitor (the inner conductor to the inside of
>> the shield), in parallel with an inductor (the outside of the shield). it
>> gets a bit uglier because of capacitance between turns on the outside, but
>> that is likely much smaller than the internal capacitance. so you end up
>> with a basic parallel resonant circuit. at high frequencies where the
>> length of coax is longer than a small fraction of a wavelength that probably
>> falls apart and would take much more complex analysis to figure out.
>
>This thing is much easier analyzed as a distributed network
>transmission line. At the resonant frequency where I2 is 180
>degrees out of phase with I1, assuming |I1|=|I2|, common-mode
>currents are eliminated so there are none available at 'B'.
>On frequencies where I2 is not 180 degrees out of phase with
>I1, common-mode currents flow on the outside braid of the trap
>and thus continue to flow down the antenna wire at point 'B'.

I designed a trap using VE6YP's calculator. The trap was designed for
resonance at 7MHz, used Belden 8262 (RG58C/U) on a 50mm dia former. I
assumed Q of the inductor is proportional to f^0.5, and that Q at 1MHz
was 60, which gives a Q of around 160 at 7MHz. I think the Q
assumptions are realistic considering the effect of the braided
conductor and proximity effect of the close space turns.

Analysis of that trap using my model suggests that at resonance (which
is 2% lower than predicted by the calculator) |I1|<<|I2|, |V2| is a
little less than |V1|. The coax is not a 1:1 impedance transformer or
current transformer in any way, shape or form. If one examines the
standing wave on the coax, at trap resonance, a current minimum and a
voltage maximum occur the A end of the coax.

>
>The key to understanding the operation of this trap is to
>realize that current ceases to flow on the outside of the
>trap braid at the trap's designed-for frequency.

I suggest that at resonance (if that is what you meant), impedance is
a maximum, I1 becomes small, |I2|>>|I1|, and the current flowing on
the outside of the coax (I1+I2) is not zero.

Owen
--

2592. Re: Best 2M antenna for atv ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 22:38:35 UTC
From: Will <echocomms@hotmail.com>
Message-ID: <1163889515.013109.230270@h48g2000cwc.googlegroups.com>
Source record: 49366
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna

A good choice for vehicles without adequete ground plane would be the
!/2 wave end fed antenna that does NOT require any ground plane.

One such antenna here: www.comtelco.net A1812A 44

Also can be orderd with the heavy duty .125 dia whip, The whip is about
39" tho.

The radiation pattern is the same as a 1/2 wave dipole and much the
same as the
1/4 wave whip.

2593. Re: Operation of bootstrap coax traps

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-18 23:08:43 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <%nM7h.8214$Sw1.1554@newssvr13.news.prodigy.com>
Source record: 49367

Owen Duffy wrote:
> I suggest that at resonance (if that is what you meant), impedance is
> a maximum, I1 becomes small, |I2|>>|I1|, and the current flowing on
> the outside of the coax (I1+I2) is not zero.

Sorry, I got phasing coils and traps confused in
my thought processes. A trap is probably about half
of a 180 degree series resonant phase-shifting coil.

Also please note that points 'A' and 'B' are reversed
between your drawing and N3GO's paper.

The main thing to remember is that the forward wave
on the standing wave antenna is reflected by the
trap. For the voltage and current phasing to be
correct at the feedpoint, the trap must present close
to an open-circuit to the forward wave.
--
73, Cecil http://www.w5dxp.com

2594. Coffee grounds and cookie crumbs make good teaching aids.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 00:25:27 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <XvN7h.622$sf5.395@newsread4.news.pas.earthlink.net>
Source record: 49369
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.shortwave,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

Old Time Ham <old_fart@curmudgeons.com> wrote in
news:b8WdnTlOHKD1h8LYnZ2dnUVZ_uGdnZ2d@comcast.com:

> Slow Code wrote:
>
>>
>> Hey man, thanks for the great idea! :)
>>
>> I can hook ladder line to my cattle prod and clear out a whole row of
>> no-coders in one shot. Empty seats for all 20wpm code tested Extra's
>> in seconds.
>>
>> You know, sometimes you're a smart little piss-ant. Not often, but
>> sometimes. How's your CW practice coming along?
>>
>> SC
>
> I like this thinking. Since I have both a 20WPM Extra AND a 2nd Class
> Commercial Radiotelegraph, I would expect the no-coders to bring me food
> and drink, as well.

Good point, Yes, very good point.

No-coders must go to the end of the line for refreshments at meetings.
Code hams must be served first and should take more treats than they want
and need. When all the code hams are served and there is nothing left,
no-codes get the left-over Coffee grounds and Cookie crumbs. This will
teach no-codes that by working harder to be better hams, they will not
only get more radio spectrum, they'll also get treats at club meetings and
won't have to sit on the floor with an empty stomach.

No-codes can still dig their treats out of garbage cans and toilet bowls
if they wish, but they'll have to share them with any CB'ers that might
also be at the meeting.

SC

2595. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 00:25:33 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <1wN7h.626$sf5.622@newsread4.news.pas.earthlink.net>
Source record: 49368
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote in
news:ej8knc$kn5$1@news.hawaii.edu:

> John Smith <assemblywizard@gmail.com> wrote:
>>Idiot, check your spelling, it's "group troll."
>
> Well, let's see if he ment "poll" or "troll":
>
>
> 0 2 4 6 8 10
> /
> /
> /
> /
> /
> /
> /
> /
> POLL-O-METER

So what appliances does everyone hope Santa brings them for Xmas?

HF, VHF, UHF, KENWOOD, YAESU, ICOM, Cobra?

I couldn't think of anything for myself, so I hope I just get a some
componants and a new soldering iron for projects so I can keep moving
forward in ham radio.

SC

2596. Re: I don't know why I keep posting to people that hate ham radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 00:26:32 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <YwN7h.630$sf5.553@newsread4.news.pas.earthlink.net>
Source record: 49370
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

hot-ham-and-cheese@hotmail.com wrote in
news:1163860977.204049.132380@j44g2000cwa.googlegroups.com:

>
> Quality Code wrote:
>> hot-ham-and-cheese@hotmail.com wrote in
>> news:1163805638.515472.307810@f16g2000cwb.googlegroups.com:
>>
>> >
>> > Slow Code wrote:
>> >
>> > I don't know why you post at all?
>> >
>> >> or maybe that should be: hate quality & skill in ham radio.
>> >>
>> >> SC
>> >
>> > You're highly skilled in hate quality.
>>
>>
>> Quality is my name.
>
> Hate is your game.

No, No, No. I'm full of love. If I didn't care for you people I wouldn't post help tips to inspire you all to be better radio amateurs and assets to our radio service. I'm here to lead and guide everyone to a higher level Ham-dom.

Now, many of you are like alcoholics and until you realize you all need help, you're not going to let me help you. But that's OK, I don't mind pointing out everyone's faults & deficiencies. It's actually quite fun.

It's like watching cockroaches scurry from the light.

SC

2597. I'm like Moses.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 00:26:33 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <ZwN7h.631$sf5.626@newsread4.news.pas.earthlink.net>
Source record: 49371
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy

Moses tried to lead people out of Egypt, and I'm trying to lead people out of Lid-ville. And also like Moses, I'm finding some don't want to leave. They think it's too much work to leave Lid-ville.

Well sure it's work, but look at the benefits, Quality hams.

SC

2598. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 00:43:55 UTC
From: jawod <jawod@fuse.net>
Message-ID: <455FA8CB.70701@fuse.net>
Source record: 49372

Please help a newbie. Can I get a good definition of "common mode"?
I've been reading ARRL pubs but can't seem to get my head around this
concept.

With humility,
john

2599. Re: Best 2M antenna for atv ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 00:50:37 UTC
From: Mike Coslo <mcoslo@comcast.net>
Message-ID: <Xns987FC9DEBF4B4mcoslocomcastnet@216.196.97.136>
Source record: 49373
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna

Barry OGrady <god_free_jones@yahoo.com> wrote in
news:d5bvl2p3f5kseggic0o8omscti408qbr33@4ax.com:

> On Sat, 18 Nov 2006 08:51:28 -0500, "James" <jnipperxxx@nospamfdn.com>
> wrote:
>
>> I want to mount a 2 meter rig on my Honda Foreman ATV. I want a
>>high-gain antenna, either a 5/8 wave or possibly a collinear. I
>>would like to stay around 4 to 5 feet in length, but it is possible
>>that a collinear would be longer.
>
> Which metre band is it for, and what are the meters used for?

Golly Gosh Barry! Mention meters, and you pop right up.

FWIW, from the Merriam Webster dictionary:

Main Entry: me&#65533;ter
Function: noun
Etymology: French m&#65533;tre, from Greek metron measure
: the base unit of length in the International System of Units that is
equal to the distance traveled by light in a vacuum in
{frac;1;299,792,458} second or to about 39.37 inches -- see METRIC SYSTEM
table

>
>>
>>Any recommendations on this ? I know that an atv would not provide
>>much of a ground plane, so I think a 1/4 wave would be out of the
>>question.
>>
>>Any recommended "type" (wavelength, etc) and brand for this use ?
>>
>>Thanks for any comments !!
>
> Is there amateur TV on 2 metres?
>
>>73 de Jim K4PYT
>
> dit dit dit dah dit dah dit dit good buddy.

Jim's a fairly new Ham, seems like he's asking legit questions to
me.

- 73 de Mike KB3EIA -

2600. Re: Best 2M antenna for atv ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 01:00:45 UTC
From: Mike Coslo <mcoslo@comcast.net>
Message-ID: <Xns987FCB9655AC1mcoslocomcastnet@216.196.97.136>
Source record: 49374
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna

"Will" <echocomms@hotmail.com> wrote in news:1163889515.013109.230270
@h48g2000cwc.googlegroups.com:

> A good choice for vehicles without adequete ground plane would be the
> !/2 wave end fed antenna that does NOT require any ground plane.
>
> One such antenna here: www.comtelco.net A1812A 44
>
> Also can be orderd with the heavy duty .125 dia whip, The whip is about
> 39" tho.
>
> The radiation pattern is the same as a 1/2 wave dipole and much the
> same as the 1/4 wave whip.

That antenna is a pretty good choice. I'd add that if Jim wanted to
try a 1/4 wave it might work, because he could catch a ground plane through
the frame. That is where most mobile antennas get their "ground".

- 73 de Mike KB3EIA -

2601. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 01:22:09 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <5lO7h.283$_H5.256@tornado.texas.rr.com>
Source record: 49375
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

"Slow Code" <my.mail@no.spam> wrote in message
news:1wN7h.626$sf5.622@newsread4.news.pas.earthlink.net...
> jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote in
> news:ej8knc$kn5$1@news.hawaii.edu:
>
>> John Smith <assemblywizard@gmail.com> wrote:
>>>Idiot, check your spelling, it's "group troll."
>>
>> Well, let's see if he ment "poll" or "troll":
>>
>>
>> 0 2 4 6 8 10
>> /
>> /
>> /
>> /
>> /
>> /
>> /
>> /
>> POLL-O-METER
>
>
>
> So what appliances does everyone hope Santa brings them for Xmas?
>
> HF, VHF, UHF, KENWOOD, YAESU, ICOM, Cobra?
>
>
> I couldn't think of anything for myself, so I hope I just get a some
> componants and a new soldering iron for projects so I can keep moving
> forward in ham radio.
>
> SC

And spell check for your PC. :-)

2602. more input and info on coax traps

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 01:57:08 UTC
From: "carkenord@juno.com" <carkenord@juno.com>
Message-ID: <1163901428.186910.309550@h54g2000cwb.googlegroups.com>
Source record: 49276

There is currently a thread on coax antenna traps.

In this thread, reference was made to the coax trap article by
O'Neil N3GO.

"Trapping the Mysteries of Trapped Antennas"

I have some stuff in my old antenna scrapbook that supplies a
follow-up/correction to O'Neils article. Evidentally there were a
couple of errors in the article, including an error in the actual OD of
the coil form used versus what was printed in the article. The
follow-up/correction is published on page 8 of "Ham Radio"
magazine February 1982.

I have further info regarding magazine articles that were published
pertaining to coax traps.

Larry East, W1HUE published a full-length article in QST "Antenna
Trap Design Using a Home Computer". This article DOES cover coax
traps.
Unfortunately, I don't know exactly when it was published, tho I do
know that it was later than May, 1986. A handwritten note on this
paper says "ARRL-supplied disk filename is EAST.BAS"

In June 1984 QST "Strays" column, there is a correction, relating
to some previous coax trap article in QST.

In May 1981 QST, Robert Johns, W3JIP has full-length
article....."Coaxial cable Antenna Traps"

In Dec. 1984 QST there is full-length article by Robert Sommer
N4UU....."Optimizing Coaxial cable Traps"

In March 1984 QST is a letter....possibly Technical
Correspondence.....captioned "Coax Antenna Trap Design". Written
by Frank Noble W3MT. Noble presents some math and formulas, etc.

In Aug 1985 QST in Tech Correspondence are 2 articles, titled
"Coaxial Cable Traps" .

In Dec 1980 Ham Radio Horizons, Robert Johns W3JIP has full-length
article "Three band Trap Vertical".....in which he builds and uses
coax traps for a vertical.

In Nov 1983 QST Robert Johns W3JIP has full-length article dealing with
coax traps, titled "Dual Freq. Antenna Traps".

In Aug 1984 of CQ magazine is a full-length article by Cornelio Nouel KG5b....."Exploring the Vagaries of Traps"......talks of coax traps.

Lee Carkenord KA0FPJ

2603. Re: I'm like Moses.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 02:13:32 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1163902412.520379.253360@e3g2000cwe.googlegroups.com>
Source record: 49277
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy

Slow Code wrote:
> Moses tried to lead people out of Egypt, and I'm trying to lead people
> out of Lid-ville. And also like Moses, I'm finding some don't want to
> leave. They think it's too much work to leave Lid-ville.
>
> Well sure it's work, but look at the benefits, Quality hams.
>
> SC

You're nothing like Moses - you worship a false god.

You're more like the King who cut the baby in half.

2604. Re: helical vs beam

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 02:19:40 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <RaP7h.936$m9.755@bignews2.bellsouth.net>
Source record: 49278

When I was in the Air Force our helical SATCOM antenna got trashed. We put together a pair of Yagis made of 2x2s and solid ground wire and a phasing harness. When we first put it together we thought we had really messed up but then we reversed the connexctions on the harness we were able to get a solid signal. later the antenna was improved on and the crossed Yagis became our antenna of choice. New and improved version was made with aluminum rods and a fiberglass boom and the driven element became a folded dipole with a hairpin match. We were in the middle of an operational readiness inspection and the SATCOM guys got special recongnition for adapting to the situation. The antenna does have its limitations comared to the helix. The helix is significantly more broadbanded.

2605. Re: I don't know why I keep posting to people that hate ham radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 02:22:57 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1163902977.161150.310030@b28g2000cwb.googlegroups.com>
Source record: 49279
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Slow Code wrote:
> hot-ham-and-cheese@hotmail.com wrote in
> news:1163860977.204049.132380@j44g2000cwa.googlegroups.com:
>
> >
> > Quality Code wrote:
> >> hot-ham-and-cheese@hotmail.com wrote in
> >> news:1163805638.515472.307810@f16g2000cwb.googlegroups.com:
> >>
> >> >
> >> > Slow Code wrote:
> >> >
> >> > I don't know why you post at all?
> >> >
> >> >> or maybe that should be: hate quality & skill in ham radio.
> >> >>
> >> >> SC
> >> >
> >> > You're highly skilled in hate quality.
> >>
> >>
> >> Quality is my name.
> >
> > Hate is your game.
>
>
> No, No, No. I'm full of love.

You're full of excrement.

> If I didn't care for you people I wouldn't
> post help tips to inspire you all to be better radio amateurs and assets
> to our radio service. I'm here to lead and guide everyone to a higher
> level Ham-dom.

You worship a false god. Some day you'll want a glass of ice water.

> Now, many of you are like alcoholics and until you realize you all need
> help, you're not going to let me help you. But that's OK, I don't mind
> pointing out everyone's faults & deficiencies. It's actually quite fun.

You're only pointing out what an intolerant little man you are.

> It's like watching cockroaches scurry from the light.
>

> SC

Lots of love back at you.

2606. Re: I don't know why I keep posting to people that hate ham radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 02:57:20 UTC
From: N2EY@AOL.COM
Message-ID: <1163905040.668131.210940@j44g2000cwa.googlegroups.com>
Source record: 49280
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Slow Code wrote:

> I'm full of love.

Well, full of *something*.

I guess self-love qualifies as love, anyway.

> If I didn't care for you people I wouldn't
> post help tips to inspire you all to be better radio amateurs and assets
> to our radio service.

Has *anyone* been inspired to use your "tips"?

> I'm here to lead and guide everyone to a higher
> level Ham-dom.

The best way is by example. What example can you show us?

> Now, many of you are like alcoholics and until you realize you all need
> help, you're not going to let me help you. But that's OK, I don't mind
> pointing out everyone's faults & deficiencies. It's actually quite fun.

Everyone including you?

2607. Re: I'm like Moses.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 03:04:28 UTC
From: Brenda Ann <brendad@shinbiro.com>
Message-ID: <ejohidfr1@news2.kornet.net>
Source record: 49281
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy

<hot-ham-and-cheese@hotmail.com> wrote in message
news:1163902412.520379.253360@e3g2000cwe.googlegroups.com...
>
> Slow Code wrote:
>> Moses tried to lead people out of Egypt, and I'm trying to lead people
>> out of Lid-ville. And also like Moses, I'm finding some don't want to
>> leave. They think it's too much work to leave Lid-ville.
>>
>> Well sure it's work, but look at the benefits, Quality hams.
>>
>> SC
>
> You're nothing like Moses - you worship a false god.
>
> You're more like the King who cut the baby in half.

1) The king (Soloman) never cut the baby in half. He directed it be done in
order to find which of the two women's baby it really was (the real mother
opted to give it to the other woman to save it's life.. so Soloman gave it
to the real mother.)

2) Soloman was widely (and is still) revered as the wisest of kings.

2608. crapathon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 07:24:03 UTC
From: Mark@kb9rqz.aprs
Message-ID: <jj10m2d5sudbuosv580cam10kdrefkkm6p@4ax.com>
Source record: 49282
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

On Sun, 19 Nov 2006 00:25:33 GMT, Slow Code <my.mail@no.spam> wrote:

>jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote in
>news:ej8knc$kn5$1@news.hawaii.edu:
>
>> John Smith <assemblywizard@gmail.com> wrote:
>>>Idiot, check your spelling, it's "group troll."
>>
>> Well, let's see if he ment "poll" or "troll":
>>
>>
>> 0 2 4 6 8 10
>> /
>> /
>> /
>> /
>> /
>> /
>> /
>> /
>> POLL-O-METER
>
>
>
>So what appliances does everyone hope Santa brings them for Xmas?
>
>HF, VHF, UHF, KENWOOD, YAESU, ICOM, Cobra?
>
>
>I couldn't think of anything for myself, so I hope I just get a some
>componants and a new soldering iron for projects so I can keep moving
>forward in ham radio.

funny you still have described a single home breww project

I have
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2609. crapathon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 07:27:46 UTC
From: Mark@kb9rqz.aprs
Message-ID: <1p10m291436v85ndk0rvgp2svcdjcdon84@4ax.com>
Source record: 49283
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Sun, 19 Nov 2006 00:26:32 GMT, Slow Code <my.mail@no.spam> wrote:

>hot-ham-and-cheese@hotmail.com wrote in
>news:1163860977.204049.132380@j44g2000cwa.googlegroups.com:
>
>>
>> Quality Code wrote:
>>> hot-ham-and-cheese@hotmail.com wrote in
>>> news:1163805638.515472.307810@f16g2000cwb.googlegroups.com:
>>>
>>> >
>>> > Slow Code wrote:
>>> >
>>> > I don't know why you post at all?
>>> >
>>> >> or maybe that should be: hate quality & skill in ham radio.
>>> >>
>>> >> SC
>>> >
>>> > You're highly skilled in hate quality.
>>>
>>>
>>> Quality is my name.
>>
>> Hate is your game.
>
>
>No, No, No. I'm full of love.

I honestly don't think you know what the word "Love" means

> If I didn't care for you people I wouldn't
>post help tips to inspire you all to be better radio amateurs and assets
>to our radio service. I'm here to lead and guide everyone to a higher
>level Ham-dom.
>
>Now, many of you are like alcoholics and until you realize you all need
>help, you're not going to let me help you. But that's OK, I don't mind
>pointing out everyone's faults & deficiencies. It's actually quite fun.
>
>It's like watching cockroaches scurry from the light.
>
>SC
right robeson everyone that disagreees is something an acholic a child

molestor a rapist ..

get help for your peoblem Steve
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2610. crapathon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 07:34:56 UTC
From: Mark@kb9rqz.aprs
Message-ID: <n720m29m424vqd7j9ffb8vsh5tl8vfmmju@4ax.com>
Source record: 49284
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy

On Sun, 19 Nov 2006 00:26:33 GMT, Slow Code <my.mail@no.spam> wrote:

>Moses tried to lead people out of Egypt, and I'm trying to lead people
>out of Lid-ville. And also like Moses, I'm finding some don't want to
>leave. They think it's too much work to leave Lid-ville.

now that is Blasphemy SC

and it is certain of spoliing your message
>
>Well sure it's work, but look at the benefits, Quality hams.
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2611. Myna Bird speaks...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 08:50:48 UTC
From: Not Lloyd <anon@anon>
Message-ID: <flqfk.2a8.17.1@news.alt.net>
Source record: 49285
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy

The group Myna Bird squawks again.

2612. Re: I'm like Moses.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 13:48:57 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1163944137.383375.148540@j44g2000cwa.googlegroups.com>
Source record: 49286
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy

Brenda Ann wrote:
> <hot-ham-and-cheese@hotmail.com> wrote in message
> news:1163902412.520379.253360@e3g2000cwe.googlegroups.com...
> >
> > Slow Code wrote:
> >> Moses tried to lead people out of Egypt, and I'm trying to lead people
> >> out of Lid-ville. And also like Moses, I'm finding some don't want to
> >> leave. They think it's too much work to leave Lid-ville.
> >>
> >> Well sure it's work, but look at the benefits, Quality hams.
> >>
> >> SC
> >
> > You're nothing like Moses - you worship a false god.
> >
> > You're more like the King who cut the baby in half.
>
> 1) The king (Soloman) never cut the baby in half. He directed it be done in
> order to find which of the two women's baby it really was (the real mother
> opted to give it to the other woman to save it's life.. so Soloman gave it
> to the real mother.)

In the case of Slow Code, he actually intends to cut the baby in half.

> 2) Soloman was widely (and is still) revered as the wisest of kings.

In that sense, he greatly differs from Slow Code.

2613. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 13:50:16 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <siZ7h.8319$Sw1.559@newssvr13.news.prodigy.com>
Source record: 49287

jawod wrote:
> Please help a newbie. Can I get a good definition of "common mode"?
> I've been reading ARRL pubs but can't seem to get my head around this
> concept.

First understand differential currents as occur in
transmission lines. The two differential currents
in the two wires are equal in magnitude and 180
degrees out of phase. This is the ideal case for
a transmission line and differential currents
average out to zero, i.e. equal currents flowing
in opposite directions.

Common-mode currents are the currents left over
when the average of the total currents is not zero.
Icm = (I+ + I-)/2

From the IEEE Dictionary: "common mode signal -
The average value of the signals at the positive
and negative inputs of a differential input waveform
recorder. Vcm = (V+ + V-)/2"
--
73, Cecil http://www.w5dxp.com

2614. Re: I don't know why I keep posting to people that hate ham radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 13:57:28 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1163944648.620078.12170@e3g2000cwe.googlegroups.com>
Source record: 49288
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

N2EY@AOL.COM wrote:
> Slow Code wrote:
>
> > I'm full of love.
>
> Well, full of *something*.
>
> I guess self-love qualifies as love, anyway.
>
> > If I didn't care for you people I wouldn't
> > post help tips to inspire you all to be better radio amateurs and assets
> > to our radio service.
>
> Has *anyone* been inspired to use your "tips"?
>
> > I'm here to lead and guide everyone to a higher
> > level Ham-dom.
>
> The best way is by example. What example can you show us?
>
> > Now, many of you are like alcoholics and until you realize you all need
> > help, you're not going to let me help you. But that's OK, I don't mind
> > pointing out everyone's faults & deficiencies. It's actually quite fun.
>
> Everyone including you?

Holy Cow!!! N2EY finally takes a stand!

Now where do you stand on the K4YZ outrages?

2615. OT Operating question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 14:22:31 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <8dp0m2dr038a9ororim4hkuomuesg8k9p0@4ax.com>
Source record: 49289

I have lost track of the year I received my Ham License. I have known for a long time that I no longer had the info but it seemed a non-issue until last night. I heard quite a few stations on 20M in the Sweep Stakes Contest. I usually make a few contacts just for fun when I encounter a contest. I was unable join in last night because one of the information bites required was the year of license. I suspect the FCC and the ARRL no longer have the data. I am disinclined to intentionally lie. The best I can do is make a guess of 1960.

Does anyone have access to call books around that time? It was a long time before I could afford a call book...

BTW, I received my W8 call when others were getting K8's.

John Ferrell W8CCW

2616. Re: OT Operating question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 15:06:09 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Bp_7h.8324$Sw1.812@newssvr13.news.prodigy.com>
Source record: 49290

John Ferrell wrote:
> Does anyone have access to call books around that time? It was a long
> time before I could afford a call book...

You are apparently qualified to join the Old Old Timer's Club.
They will check your claim and tell you when your call first
appeared in a Call Book. http://www.ootc.us/
--
73, Cecil http://www.w5dxp.com

2617. Re: Wouff Hong for antenna newsgroup (filters)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 15:39:44 UTC
From: AC7PN <brunius@rockisland.com>
Message-ID: <1163950784.049425.327220@e3g2000cwe.googlegroups.com>
Source record: 49291

Rick wrote:
> Since I began using Outlook Express as my newsreader I have been able to
> implement subject line filters which are nearly perfect in eliminating the
> QRM. Every few days I add to this filter as needed.
> If you use Outlook Express and are not familiar with filters you are missing
> out on a real useful feature.
> All you have to do is hit tools/message rules/News. Then build a new filter
> "where the subject line contains words" and then put in the words that will
> be used to eliminate the QRM. Works as good as a Wouff Hong. Here's my
> current list:
>
> contains 'cw-forever' or 'slow code' or 'democrat' or 'Fcc took' or
> 'rumsfeld' or 'cw' or 'poll' or 'dumber' or 'blog' or 'crapthon' or
> 'crapathon' or 'cattle' or '...' or 'flonking' or 'punce' or 'passed tech'
>
> Rick K2XT

You forgot to add "money", "stocks", "earn", "at home", "wealth",
"vitamin", "health", "sex", "male potency", and "viagra" to your list
of spam subjects.

2618. Re: OT Operating question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 17:11:28 UTC
From: Brian Kelly <kelly@dvol.com>
Message-ID: <1163956288.526835.251360@k70g2000cwa.googlegroups.com>
Source record: 49292

John Ferrell wrote:
> I have lost track of the year I received my Ham License. I have known
> for a long time that I no longer had the info but it seemed a
> non-issue until last night. I heard quite a few stations on 20M in the
> Sweep Stakes Contest. I usually make a few contacts just for fun when
> I encounter a contest. I was unable join in last night because one of
> the information bites required was the year of license. I suspect the
> FCC and the ARRL no longer have the data. I am disinclined to
> intentionally lie. The best I can do is make a guess of 1960.
>
> Does anyone have access to call books around that time? It was a long
> time before I could afford a call book...
>
> BTW, I received my W8 call when others were getting K8's.

I'm in the same boat, I've lost track of when I got my Novice ticket,
it was "around" 1953. Or maybe it was 1954 . . or was it 1955? Does it
really matter?? No. Next time pick a date out of your hat and enjoy the
contest.

> John Ferrell W8CCW

w3rv

2619. Re: OT Operating question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 17:28:00 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <Au08h.44844$39.16238@southeast.rr.com>
Source record: 49293

"John Ferrell" <johnferrell@sprintmail.com> wrote in message
news:8dp0m2dr038a9ororim4hkuomuesg8k9p0@4ax.com...
> I have lost track of the year I received my Ham License. I have known
> for a long time that I no longer had the info but it seemed a
> non-issue until last night. I heard quite a few stations on 20M in the
> Sweep Stakes Contest. I usually make a few contacts just for fun when
> I encounter a contest. I was unable join in last night because one of
> the information bites required was the year of license. I suspect the
> FCC and the ARRL no longer have the data. I am disinclined to
> intentionally lie. The best I can do is make a guess of 1960.
>
> Does anyone have access to call books around that time? It was a long
> time before I could afford a call book...
>
> BTW, I received my W8 call when others were getting K8's.
>
> John Ferrell W8CCW

I forget where it was but back in the mid 60s? The fcc lost a lot of
records when the building burnt down.
Joe

2620. Re: I don't know why I keep posting to people that hate ham radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 18:22:27 UTC
From: Mark@kb9rqz.aprs
Message-ID: <t581m21smnd6blud0fmu0el456b0d504iq@4ax.com>
Source record: 49294
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On 19 Nov 2006 05:57:28 -0800, hot-ham-and-cheese@hotmail.com wrote:

>
>N2EY@AOL.COM wrote:
>> Slow Code wrote:
>>
>> > I'm full of love.
>>
>> Well, full of *something*.
>>
>> I guess self-love qualifies as love, anyway.
>>
>> > If I didn't care for you people I wouldn't
>> > post help tips to inspire you all to be better radio amateurs and assets
>> > to our radio service.
>>
>> Has *anyone* been inspired to use your "tips"?
>>
>> > I'm here to lead and guide everyone to a higher
>> > level Ham-dom.
>>
>> The best way is by example. What example can you show us?
>>
>> > Now, many of you are like alcoholics and until you realize you all need
>> > help, you're not going to let me help you. But that's OK, I don't mind
>> > pointing out everyone's faults & deficiencies. It's actually quite fun.
>>
>> Everyone including you?
>
>Holy Cow!!! N2EY finally takes a stand!

I know I thought it might have been an effort by to assnate ME (by
shock
>
>Now where do you stand on the K4YZ outrages?
he never saw em
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2621. crapathon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 18:26:09 UTC
From: Mark@kb9rqz.aprs
Message-ID: <cd81m2lm7r0jkhnt74qlmgodrnh1vqjmgb@4ax.com>
Source record: 49295
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy

On Sun, 19 Nov 2006 03:50:48 -0500, "Not Lloyd" <anon@anon> wrote:

>The group Myna Bird squawks again.
>
yes you do craping on and on with NOTHING to say
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2622. Re: I don't know why I keep posting to people that hate ham radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 19:11:14 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1163963473.978027.171850@j44g2000cwa.googlegroups.com>
Source record: 49296
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Mark@kb9rqz.aprs wrote:
> On 19 Nov 2006 05:57:28 -0800, hot-ham-and-cheese@hotmail.com wrote:
> >N2EY@AOL.COM wrote:
> >> Slow Code wrote:
> >>
> >> > I'm full of love.
> >>
> >> Well, full of *something*.
> >>
> >> I guess self-love qualifies as love, anyway.
> >>
> >> > If I didn't care for you people I wouldn't
> >> > post help tips to inspire you all to be better radio amateurs and assets
> >> > to our radio service.
> >>
> >> Has *anyone* been inspired to use your "tips"?
> >>
> >> > I'm here to lead and guide everyone to a higher
> >> > level Ham-dom.
> >>
> >> The best way is by example. What example can you show us?
> >>
> >> > Now, many of you are like alcoholics and until you realize you all need
> >> > help, you're not going to let me help you. But that's OK, I don't mind
> >> > pointing out everyone's faults & deficiencies. It's actually quite fun.
> >>
> >> Everyone including you?
> >
> >Holy Cow!!! N2EY finally takes a stand!
>
> I know. I thought it might have been an effort by to assinate ME (by
> shock).

An imposter posting as N2EY? Not to be confused with N2EY posting
anonymously.

> >Now where do you stand on the K4YZ outrages?

> he never saw em

"Says" he never saw them.

Perhaps he should make the effort to review some before having more
normal relations with K4YZ.

2623. Re: OT Operating question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 20:12:42 UTC
From: Dave <noone@nowhere.com>
Message-ID: <cP2dnYUp9o4iJ_3YnZ2dnUVZ_sSdnZ2d@crocker.com>
Source record: 49297

the arrl has taken pity on you real ot's whos memory is failing... they have stated in the past that they don't care if you use the proper year or not, just pick one and stick with it for the contest. they won't check, nor will anyone be penalized for using the wrong number.

"John Ferrell" <johnferrell@sprintmail.com> wrote in message news:8dp0m2dr038a9ororim4hkuomuesg8k9p0@4ax.com...
>I have lost track of the year I received my Ham License. I have known
> for a long time that I no longer had the info but it seemed a
> non-issue until last night. I heard quite a few stations on 20M in the
> Sweep Stakes Contest. I usually make a few contacts just for fun when
> I encounter a contest. I was unable join in last night because one of
> the information bites required was the year of license. I suspect the
> FCC and the ARRL no longer have the data. I am disinclined to
> intentionally lie. The best I can do is make a guess of 1960.
>
> Does anyone have access to call books around that time? It was a long
> time before I could afford a call book...
>
> BTW, I received my W8 call when others were getting K8's.
>
> John Ferrell W8CCW

2624. Re: I don't know why I keep posting to people that hate ham radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 20:26:26 UTC
From: Mark@kb9rqz.aprs
Message-ID: <9cf1m2h1dd7e1a8b27ualsetlplhl3lsll@4ax.com>
Source record: 49298
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On 19 Nov 2006 11:11:14 -0800, hot-ham-and-cheese@hotmail.com wrote:

>
>Mark@kb9rqz.aprs wrote:
>> On 19 Nov 2006 05:57:28 -0800, hot-ham-and-cheese@hotmail.com wrote:
>> >N2EY@AOL.COM wrote:
>> >> Slow Code wrote:
>> >>
>> >> > I'm full of love.
>> >>
>> >> Well, full of *something*.
>> >>
>> >> I guess self-love qualifies as love, anyway.
>> >>
>> >> > If I didn't care for you people I wouldn't
>> >> > post help tips to inspire you all to be better radio amateurs and assets
>> >> > to our radio service.
>> >>
>> >> Has *anyone* been inspired to use your "tips"?
>> >>
>> >> > I'm here to lead and guide everyone to a higher
>> >> > level Ham-dom.
>> >>
>> >> The best way is by example. What example can you show us?
>> >>
>> >> > Now, many of you are like alcoholics and until you realize you all need
>> >> > help, you're not going to let me help you. But that's OK, I don't mind
>> >> > pointing out everyone's faults & deficiencies. It's actually quite fun.
>> >>
>> >> Everyone including you?
>> >
>> >Holy Cow!!! N2EY finally takes a stand!
>>
>> I know. I thought it might have been an effort by to assinate ME (by
>> shock).
>
>An imposter posting as N2EY? Not to be confused with N2EY posting
>anonymously.

certainly could be an imposter
>
>> >Now where do you stand on the K4YZ outrages?
>
>> he never saw em

>
>"Says" he never saw them.

oh I belive him I do think he never saw them, after one of the skill
of the ProCoders is the ability to see very selectively
>
>Perhaps he should make the effort to review some before having more
>normal relations with K4YZ.

I think K4YZ has become nothing more than a an occasionaly vulcanic
eruptions
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2625. Re: Wouff Hong for antenna newsgroup (jackass filters)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 20:31:00 UTC
From: olekinghole9007 <revfoxweek9@yahoo.com>
Message-ID: <1163968259.977007.188980@k70g2000cwa.googlegroups.com>
Source record: 49299
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

Lloyd Wiseman wrote:
> "Rick" <ricknj10@hotmail.com> wrote in
> news:hxq7h.3079$AO3.1294@newsfe12.lga:
>
> >
> >> Works as good as a Wouff Hong.
> >
> > I should have said "Works ALMOST as well as a Wouff Hong."
> > Because a real Wouff Hong, properly administered, would eliminate not
> > only the QRM but the QRM'er - a beautiful thing.
> >
> > Rick K2XT
>
>
> Get used to the QRM, because after CW is eliminated you're going to wish
> your rig did come with Rettysnitch and wouff hong filters...
>
> But I forget, due to the lack of support for good tests a lot of you
> people must like hearing Lids.
>
> SC

Wouff Hong ???
Rettysnitch ???
WTF are we in the 19th Century here???
Baaaaaaaaa hahahahhahahahahhahaha!!!!!!!

Jeezus H Christmas on a rocket powered sled at the Nevada test site
will you OBSOLETE hams PLEASE join the 21st century.

I mean consider that the terms Wouff Hong and Rettysnitch
DO NOT even appear ANYPLACE on or within Wikipedia!

That alone should tell you something! (..of course now you
can be some crusty old fart, cloistered ham radio nerd or
some asshole who took the "Bash Book" route to get his ham
license will now dash up and create an entry in Wikipaeda
just to inflate his own ego and asscheeks and claim he did
something.....go ahead, be my guest! In the meantime I'm
heading back to 20 Meters to have some fun with the contest
freaks. I made up a callsign and semi-rare section and these
CLOWN-testers are beating a path to my speaker to work me
just so they can see their callsign in print in some half-ass
magazine from CT. How F-N pathetic!) ---> PFHBLTTT!!!!!!!!

ps: you should have seen how many DX clowntesters I duped
a few weeks ago using a "creative" callsign, section and running
10 watts into the 40M dipole instead of the beam...suckers!

2626. Re: OT Operating question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 20:46:37 UTC
From: Ed <Huckleberry_REMOVE_@bigvalley.net>
Message-ID: <Xns988082EA2E9Cspectrumhogstarbandn@198.186.192.196>
Source record: 49300

> I have lost track of the year I received my Ham License. I have known
> for a long time that I no longer had the info but it seemed a
> non-issue until last night. I heard quite a few stations on 20M in the
> Sweep Stakes Contest. I usually make a few contacts just for fun when
> I encounter a contest. I was unable join in last night because one of
> the information bites required was the year of license. I suspect the
> FCC and the ARRL no longer have the data. I am disinclined to
> intentionally lie. The best I can do is make a guess of 1960.
>
> Does anyone have access to call books around that time? It was a long
> time before I could afford a call book...
>
> BTW, I received my W8 call when others were getting K8's.
>
> John Ferrell W8CCW
>

John,

I had excellent response from ARRL when I asked them about my
license. But even better, there is a guy who has every call book
printed, I believe, who will look you up and determine the first book
that you were listed in. He is W3HF, Steve Melachrinos, and can be
emailed at: W3HF@ARRL.NET. He can be a bit slow on response, but he
WILL get back to you.

Ed K7AAT / ex WB6SAT

2627. Re: I don't know why I keep posting to people that hate ham radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 23:17:20 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <4C58h.395$_H5.7@tornado.texas.rr.com>
Source record: 49301
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

<Mark@kb9rqz.aprs> wrote in message
news:t581m21smnd6blud0fmu0el456b0d504iq@4ax.com...
> On 19 Nov 2006 05:57:28 -0800, hot-ham-and-cheese@hotmail.com wrote:
>
>>
>>N2EY@AOL.COM wrote:
>>> Slow Code wrote:
>>>
>>> > I'm full of love.
>>>
>>> Well, full of *something*.
>>>
>>> I guess self-love qualifies as love, anyway.
>>>
>>> > If I didn't care for you people I wouldn't
>>> > post help tips to inspire you all to be better radio amateurs and
>>> > assets
>>> > to our radio service.
>>>
>>> Has *anyone* been inspired to use your "tips"?
>>>
>>> > I'm here to lead and guide everyone to a higher
>>> > level Ham-dom.
>>>
>>> The best way is by example. What example can you show us?
>>>
>>> > Now, many of you are like alcoholics and until you realize you all
>>> > need
>>> > help, you're not going to let me help you. But that's OK, I don't mind
>>> > pointing out everyone's faults & deficiencies. It's actually quite
>>> > fun.
>>>
>>> Everyone including you?
>>
>>Holy Cow!!! N2EY finally takes a stand!
>
> I know I thought it might have been an effort by to assnate ME (by
> shock

Nothing worse than getting "assnated"!

>>
>>Now where do you stand on the K4YZ outrages?
> he never saw em

> http://kb9rqz.blogspot.com/
>
> --
> Posted via a free Usenet account from http://www.teranews.com
>

2628. Re: I don't know why I keep posting to people that hate ham radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-19 23:52:44 UTC
From: Mark@kb9rqz.aprs
Message-ID: <dhr1m2htqf0ida5gbjathr74h2b3ub5vml@4ax.com>
Source record: 49302
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

```
On Sun, 19 Nov 2006 23:17:20 GMT, "U-Know-Who" <no-one@nowhere.com>
wrote:

>
><Mark@kb9rqz.aprs> wrote in message
>news:t581m21smnd6blud0fmu0el456b0d504iq@4ax.com...
>> On 19 Nov 2006 05:57:28 -0800, hot-ham-and-cheese@hotmail.com wrote:
>>
>>>
>>>N2EY@AOL.COM wrote:
>>>> Slow Code wrote:
>>>>
>>>> > I'm full of love.
>>>>
>>>> Well, full of *something*.
>>>>
>>>> I guess self-love qualifies as love, anyway.
>>>>
>>>> > If I didn't care for you people I wouldn't
>>>> > post help tips to inspire you all to be better radio amateurs and
>>>> > assets
>>>> > to our radio service.
>>>>
>>>> Has *anyone* been inspired to use your "tips"?
>>>>
>>>> > I'm here to lead and guide everyone to a higher
>>>> > level Ham-dom.
>>>>
>>>> The best way is by example. What example can you show us?
>>>>
>>>> > Now, many of you are like alcoholics and until you realize you all
>>>> > need
>>>> > help, you're not going to let me help you. But that's OK, I don't mind
>>>> > pointing out everyone's faults & deficiencies. It's actually quite
>>>> > fun.
>>>>
>>>> Everyone including you?
>>>
>>>Holy Cow!!! N2EY finally takes a stand!
>>
>> I know I thought it might have been an effort by to assnate ME (by
>> shock
>
```

>Nothing worse than getting "assnated"!
indeed death is as bad as it get Tom
>
>
>>>
>>>Now where do you stand on the K4YZ outrages?
>> he never saw em
>> http://kb9rqz.blogspot.com/
>>
>> --
>> Posted via a free Usenet account from http://www.teranews.com
>>
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2629. Re: I don't know why I keep posting to people that hate ham radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 00:13:08 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <oq68h.619$Gk5.166@tornado.texas.rr.com>
Source record: 49303
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

```
<Mark@kb9rqz.aprs> wrote in message
news:dhr1m2htqf0ida5gbjathr74h2b3ub5vml@4ax.com...
> On Sun, 19 Nov 2006 23:17:20 GMT, "U-Know-Who" <no-one@nowhere.com>
> wrote:
>
>>
>><Mark@kb9rqz.aprs> wrote in message
>>news:t581m21smnd6blud0fmu0el456b0d504iq@4ax.com...
>>> On 19 Nov 2006 05:57:28 -0800, hot-ham-and-cheese@hotmail.com wrote:
>>>
>>>>
>>>>N2EY@AOL.COM wrote:
>>>>> Slow Code wrote:
>>>>>
>>>>> > I'm full of love.
>>>>>
>>>>> Well, full of *something*.
>>>>>
>>>>> I guess self-love qualifies as love, anyway.
>>>>>
>>>>> > If I didn't care for you people I wouldn't
>>>>> > post help tips to inspire you all to be better radio amateurs and
>>>>> > assets
>>>>> > to our radio service.
>>>>>
>>>>> Has *anyone* been inspired to use your "tips"?
>>>>>
>>>>> > I'm here to lead and guide everyone to a higher
>>>>> > level Ham-dom.
>>>>>
>>>>> The best way is by example. What example can you show us?
>>>>>
>>>>> > Now, many of you are like alcoholics and until you realize you all
>>>>> > need
>>>>> > help, you're not going to let me help you. But that's OK, I don't
>>>>> > mind
>>>>> > pointing out everyone's faults & deficiencies. It's actually quite
>>>>> > fun.
>>>>>
>>>>> Everyone including you?
>>>>
>>>>Holy Cow!!! N2EY finally takes a stand!
>>>
```

>>> I know I thought it might have been an effort by to assnate ME (by
>>> shock
>>
>>Nothing worse than getting "assnated"!
> indeed death is as bad as it get Tom

I tend to believe that right before you die in a fire is as bad as it can
get, but that's just me. "Assnated"....just exactly what is that? Is that
like when a big fat girl with a smelly butt tries to smother you to death?

>>
>>
>>>>
>>>>Now where do you stand on the K4YZ outrages?
>>> he never saw em
>>> http://kb9rqz.blogspot.com/
>>>
>>> --
>>> Posted via a free Usenet account from http://www.teranews.com
>>>
>>
> http://kb9rqz.blogspot.com/
>
> --
> Posted via a free Usenet account from http://www.teranews.com
>

2630. Re: I don't know why I keep posting to people that hate ham radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 00:57:37 UTC
From: Mark@kb9rqz.aprs
Message-ID: <v9v1m2l426o89aotc5s19otlkd48oafjkn@4ax.com>
Source record: 49304
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

```
On Mon, 20 Nov 2006 00:13:08 GMT, "U-Know-Who" <no-one@nowhere.com>
wrote:

>
><Mark@kb9rqz.aprs> wrote in message
>news:dhr1m2htqf0ida5gbjathr74h2b3ub5vml@4ax.com...
>> On Sun, 19 Nov 2006 23:17:20 GMT, "U-Know-Who" <no-one@nowhere.com>
>> wrote:
>>
>>>
>>><Mark@kb9rqz.aprs> wrote in message
>>>news:t581m21smnd6blud0fmu0el456b0d504iq@4ax.com...
>>>> On 19 Nov 2006 05:57:28 -0800, hot-ham-and-cheese@hotmail.com wrote:
>>>>
>>>>>
>>>>>N2EY@AOL.COM wrote:
>>>>>> Slow Code wrote:
>>>>>>
>>>>>> > I'm full of love.
>>>>>>
>>>>>> Well, full of *something*.
>>>>>>
>>>>>> I guess self-love qualifies as love, anyway.
>>>>>>
>>>>>> > If I didn't care for you people I wouldn't
>>>>>> > post help tips to inspire you all to be better radio amateurs and
>>>>>> > assets
>>>>>> > to our radio service.
>>>>>>
>>>>>> Has *anyone* been inspired to use your "tips"?
>>>>>>
>>>>>> > I'm here to lead and guide everyone to a higher
>>>>>> > level Ham-dom.
>>>>>>
>>>>>> The best way is by example. What example can you show us?
>>>>>>
>>>>>> > Now, many of you are like alcoholics and until you realize you all
>>>>>> > need
>>>>>> > help, you're not going to let me help you. But that's OK, I don't
>>>>>> > mind
>>>>>> > pointing out everyone's faults & deficiencies. It's actually quite
>>>>>> > fun.
>>>>>>
```

>>>>>> Everyone including you?
>>>>>
>>>>>Holy Cow!!! N2EY finally takes a stand!
>>>>
>>>> I know I thought it might have been an effort by to assnate ME (by
>>>> shock
>>>
>>>Nothing worse than getting "assnated"!
>> indeed death is as bad as it get Tom
>
>I tend to believe that right before you die in a fire is as bad as it can
>get, but that's just me.

death is death

> "Assnated"....just exactly what is that?

if you don't know what was typed then you are just plain stupid tom

http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2631. Ping Roy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 01:08:12 UTC
From: Mike Coslo <mcoslo@comcast.net>
Message-ID: <Xns9880CCDA3C422mcoslocomcastnet@216.196.97.136>
Source record: 49305

Hey Roy,

I share your dilemma with the OT crossposters. I also used Thunderbird, and while I like the interface, it hasn't been all that great at getting rid of the trash.

You might want to try Xnews. I downloaded it this weekend, and have been pretty impressed so far.

I'd note that the interface is a lot different from T-bird, and that its filters are solid, but filter across all of netnews unless you go fairly deep into the program. That's okay by me, though.

If you want to do it the simple way, you hit "K", and enter how many days you want the poster to go away. If you want them to go away foever, you type in "0".

Oh, and it's free.

- 73 de Mike KB3EIA -

2632. Re: I don't know why I keep posting to people that hate ham radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 01:42:01 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <JJ78h.420$_H5.26@tornado.texas.rr.com>
Source record: 49306
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

```
<Mark@kb9rqz.aprs> wrote in message
news:v9v1m2l426o89aotc5s19otlkd48oafjkn@4ax.com...
> On Mon, 20 Nov 2006 00:13:08 GMT, "U-Know-Who" <no-one@nowhere.com>
> wrote:
>
>>
>><Mark@kb9rqz.aprs> wrote in message
>>news:dhr1m2htqf0ida5gbjathr74h2b3ub5vml@4ax.com...
>>> On Sun, 19 Nov 2006 23:17:20 GMT, "U-Know-Who" <no-one@nowhere.com>
>>> wrote:
>>>
>>>>
>>>><Mark@kb9rqz.aprs> wrote in message
>>>>news:t581m21smnd6blud0fmu0el456b0d504iq@4ax.com...
>>>>> On 19 Nov 2006 05:57:28 -0800, hot-ham-and-cheese@hotmail.com wrote:
>>>>>
>>>>>>
>>>>>>N2EY@AOL.COM wrote:
>>>>>>> Slow Code wrote:
>>>>>>>
>>>>>>> > I'm full of love.
>>>>>>>
>>>>>>> Well, full of *something*.
>>>>>>>
>>>>>>> I guess self-love qualifies as love, anyway.
>>>>>>>
>>>>>>> > If I didn't care for you people I wouldn't
>>>>>>> > post help tips to inspire you all to be better radio amateurs and
>>>>>>> > assets
>>>>>>> > to our radio service.
>>>>>>>
>>>>>>> Has *anyone* been inspired to use your "tips"?
>>>>>>>
>>>>>>> > I'm here to lead and guide everyone to a higher
>>>>>>> > level Ham-dom.
>>>>>>>
>>>>>>> The best way is by example. What example can you show us?
>>>>>>>
>>>>>>> > Now, many of you are like alcoholics and until you realize you all
>>>>>>> > need
>>>>>>> > help, you're not going to let me help you. But that's OK, I don't
>>>>>>> > mind
>>>>>>> > pointing out everyone's faults & deficiencies. It's actually quite
```

>>>>>>> > fun.
>>>>>>>
>>>>>>> Everyone including you?
>>>>>>
>>>>>>Holy Cow!!! N2EY finally takes a stand!
>>>>>
>>>>> I know I thought it might have been an effort by to assnate ME (by
>>>>> shock
>>>>
>>>>Nothing worse than getting "assnated"!
>>> indeed death is as bad as it get Tom
>>
>>I tend to believe that right before you die in a fire is as bad as it can
>>get, but that's just me.
>
> death is death
>
>> "Assnated"....just exactly what is that?
>
>
> if you don't know what was typed then you are just plain stupid tom

You can read, right Mark? ASS-NA-TED?

>
> http://kb9rqz.blogspot.com/
>
> --
> Posted via a free Usenet account from http://www.teranews.com
>

2633. Re: I don't know why I keep posting to people that hate ham radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 01:45:33 UTC
From: Mark@kb9rqz.aprs
Message-ID: <o322m2paagr66cjjtji9a5evtgfl3979n4@4ax.com>
Source record: 49307
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

```
On Mon, 20 Nov 2006 01:42:01 GMT, "U-Know-Who" <no-one@nowhere.com>
wrote:

>
><Mark@kb9rqz.aprs> wrote in message
>news:v9v1m2l426o89aotc5s19otlkd48oafjkn@4ax.com...
>> On Mon, 20 Nov 2006 00:13:08 GMT, "U-Know-Who" <no-one@nowhere.com>
>> wrote:
>>
>>>
>>><Mark@kb9rqz.aprs> wrote in message
>>>news:dhr1m2htqf0ida5gbjathr74h2b3ub5vml@4ax.com...
>>>> On Sun, 19 Nov 2006 23:17:20 GMT, "U-Know-Who" <no-one@nowhere.com>
>>>> wrote:
>>>>
>>>>>
>>>>><Mark@kb9rqz.aprs> wrote in message
>>>>>news:t581m21smnd6blud0fmu0el456b0d504iq@4ax.com...
>>>>>> On 19 Nov 2006 05:57:28 -0800, hot-ham-and-cheese@hotmail.com wrote:
>>>>>>
>>>>>>>
>>>>>>>N2EY@AOL.COM wrote:
>>>>>>>> Slow Code wrote:
>>>>>>>>
>>>>>>>> > I'm full of love.
>>>>>>>>
>>>>>>>> Well, full of *something*.
>>>>>>>>
>>>>>>>> I guess self-love qualifies as love, anyway.
>>>>>>>>
>>>>>>>> > If I didn't care for you people I wouldn't
>>>>>>>> > post help tips to inspire you all to be better radio amateurs and
>>>>>>>> > assets
>>>>>>>> > to our radio service.
>>>>>>>>
>>>>>>>> Has *anyone* been inspired to use your "tips"?
>>>>>>>>
>>>>>>>> > I'm here to lead and guide everyone to a higher
>>>>>>>> > level Ham-dom.
>>>>>>>>
>>>>>>>> The best way is by example. What example can you show us?
>>>>>>>>
>>>>>>>> > Now, many of you are like alcoholics and until you realize you all
```

>>>>>>>> > need
>>>>>>>> > help, you're not going to let me help you. But that's OK, I don't
>>>>>>>> > mind
>>>>>>>> > pointing out everyone's faults & deficiencies. It's actually quite
>>>>>>>> > fun.
>>>>>>>>
>>>>>>>> Everyone including you?
>>>>>>>
>>>>>>>Holy Cow!!! N2EY finally takes a stand!
>>>>>>
>>>>>> I know I thought it might have been an effort by to assnate ME (by
>>>>>> shock
>>>>>
>>>>>Nothing worse than getting "assnated"!
>>>> indeed death is as bad as it get Tom
>>>
>>>I tend to believe that right before you die in a fire is as bad as it can
>>>get, but that's just me.
>>
>> death is death
>>
>>> "Assnated"....just exactly what is that?
>>
>>
>> if you don't know what was typed then you are just plain stupid tom
>
>ASS-NA-TED?
>
>>
>> http://kb9rqz.blogspot.com/
>>
>> --
>> Posted via a free Usenet account from http://www.teranews.com
>>
>

>You can read, right Mark?

yes I can and so can you

you just like to pretend you can't and play gotcha games over obvius
speeling errors

you are just a coward Tom
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2634. Re: I'm like Moses.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 02:03:22 UTC
From: "X-rated Vermonter"
Message-ID: <l632m2h3mfeh9aj0gtaa23nd592r0nb33u@4ax.com>
Source record: 49308
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy

On Sun, 19 Nov 2006 00:26:33 GMT, Slow Code <my.mail@no.spam> wrote:

>Moses tried to lead people out of Egypt, and I'm trying to lead people
>out of Lid-ville. And also like Moses, I'm finding some don't want to
>leave. They think it's too much work to leave Lid-ville.
>
>Well sure it's work, but look at the benefits, Quality hams.
>
>SC
++++++
Yes, you are a legend in your own mind.

2635. Re: Operation of bootstrap coax traps

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 02:28:59 UTC
From: Sum Ting Wong <sumtingwong@privacy.net>
Message-ID: <0m42m25i96c2opnri1mldlt4eol1000moe@4ax.com>
Source record: 49309

On Sat, 18 Nov 2006 03:58:04 GMT, Owen Duffy <owen@no.where> wrote:

>It seems to me that an explanation that considers that I1=I2, or that
>propagation time on the coax is zero, or that the inner conductor
>forms a inductance with mutual coupling to the outside of the outer
>conductor is flawed.

Here's a discussion of the coax trap from an old QEX:
http://www.arrl.org/qex/Mueller.pdf

S.T.W.

2636. Re: Best 2M antenna for atv ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 03:42:44 UTC
From: Adair Witner <buhbear007@mail.com>
Message-ID: <Uu98h.5102$yE6.1492@newssvr14.news.prodigy.com>
Source record: 49310
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna

You might want to try a 1/2 antanna which does not require a ground
Adair
"James" <jnipperxxx@nospamfdn.com> wrote in message
news:Ft2dnWCL2rdBksLYnZ2dnUVZ_t6dnZ2d@comcast.com...
>
>
> I want to mount a 2 meter rig on my Honda Foreman ATV. I want a
> high-gain antenna, either a 5/8 wave or possibly a collinear. I would
> like to stay around 4 to 5 feet in length, but it is possible that a
> collinear would be longer.
>
> Any recommendations on this ? I know that an atv would not provide much
> of a ground plane, so I think a 1/4 wave would be out of the question.
>
> Any recommended "type" (wavelength, etc) and brand for this use ?
>
> Thanks for any comments !!
>
>
> 73 de Jim K4PYT
>
>

2637. Re: I don't know why I keep posting to people that hate ham radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 06:37:41 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <V2c8h.717$_H5.477@tornado.texas.rr.com>
Source record: 49311
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

```
<Mark@kb9rqz.aprs> wrote in message
news:o322m2paagr66cjjtji9a5evtgfl3979n4@4ax.com...
> On Mon, 20 Nov 2006 01:42:01 GMT, "U-Know-Who" <no-one@nowhere.com>
> wrote:
>
>>
>><Mark@kb9rqz.aprs> wrote in message
>>news:v9v1m2l426o89aotc5s19otlkd48oafjkn@4ax.com...
>>> On Mon, 20 Nov 2006 00:13:08 GMT, "U-Know-Who" <no-one@nowhere.com>
>>> wrote:
>>>
>>>>
>>>><Mark@kb9rqz.aprs> wrote in message
>>>>news:dhr1m2htqf0ida5gbjathr74h2b3ub5vml@4ax.com...
>>>>> On Sun, 19 Nov 2006 23:17:20 GMT, "U-Know-Who" <no-one@nowhere.com>
>>>>> wrote:
>>>>>
>>>>>>
>>>>>><Mark@kb9rqz.aprs> wrote in message
>>>>>>news:t581m21smnd6blud0fmu0el456b0d504iq@4ax.com...
>>>>>>> On 19 Nov 2006 05:57:28 -0800, hot-ham-and-cheese@hotmail.com wrote:
>>>>>>>
>>>>>>>>
>>>>>>>>N2EY@AOL.COM wrote:
>>>>>>>>> Slow Code wrote:
>>>>>>>>>
>>>>>>>>> > I'm full of love.
>>>>>>>>>
>>>>>>>>> Well, full of *something*.
>>>>>>>>>
>>>>>>>>> I guess self-love qualifies as love, anyway.
>>>>>>>>>
>>>>>>>>> > If I didn't care for you people I wouldn't
>>>>>>>>> > post help tips to inspire you all to be better radio amateurs
>>>>>>>>> > and
>>>>>>>>> > assets
>>>>>>>>> > to our radio service.
>>>>>>>>>
>>>>>>>>> Has *anyone* been inspired to use your "tips"?
>>>>>>>>>
>>>>>>>>> > I'm here to lead and guide everyone to a higher
>>>>>>>>> > level Ham-dom.
>>>>>>>>>
```

>>>>>>>>> The best way is by example. What example can you show us?
>>>>>>>>>
>>>>>>>>> > Now, many of you are like alcoholics and until you realize you
>>>>>>>>> > all
>>>>>>>>> > need
>>>>>>>>> > help, you're not going to let me help you. But that's OK, I
>>>>>>>>> > don't
>>>>>>>>> > mind
>>>>>>>>> > pointing out everyone's faults & deficiencies. It's actually
>>>>>>>>> > quite
>>>>>>>>> > fun.
>>>>>>>>>
>>>>>>>>> Everyone including you?
>>>>>>>>
>>>>>>>>Holy Cow!!! N2EY finally takes a stand!
>>>>>>>
>>>>>>> I know I thought it might have been an effort by to assnate ME (by
>>>>>>> shock
>>>>>>
>>>>>>Nothing worse than getting "assnated"!
>>>>> indeed death is as bad as it get Tom
>>>>
>>>>I tend to believe that right before you die in a fire is as bad as it
>>>>can
>>>>get, but that's just me.
>>>
>>> death is death
>>>
>>>> "Assnated"....just exactly what is that?
>>>
>>>
>>> if you don't know what was typed then you are just plain stupid tom
>>
>>ASS-NA-TED?
>>
>>>
>>> http://kb9rqz.blogspot.com/
>>>
>>> --
>>> Posted via a free Usenet account from http://www.teranews.com
>>>
>>
>
>>You can read, right Mark?
>
> yes I can and so can you
>
> you just like to pretend you can't and play gotcha games over obvius
> speeling errors
>

Mark, you cannot expect others to take you with a grain of salt if you don't expend the energy in a grain of salt to express yourself. You expect others to stoop to your level of comprehension. Why can't you elevate your level of expression to that of the rest of the world?

At present, you are doing the "crappie flop"....flopping around on the deck with no purpose, and expecting the rest of the world to figure out your intended meaning.

> you are just a coward Tom
> http://kb9rqz.blogspot.com/
>
> --
> Posted via a free Usenet account from http://www.teranews.com
>

2638. Re: I don't know why I keep posting to people that hate ham radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 06:43:05 UTC
From: Mark@kb9rqz.aprs
Message-ID: <5gj2m21e8m29v8bjqntcq592tujbrf53t2@4ax.com>
Source record: 49312
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

```
On Mon, 20 Nov 2006 06:37:41 GMT, "U-Know-Who" <no-one@nowhere.com>
wrote:

>
><Mark@kb9rqz.aprs> wrote in message
>news:o322m2paagr66cjjtji9a5evtgfl3979n4@4ax.com...
>> On Mon, 20 Nov 2006 01:42:01 GMT, "U-Know-Who" <no-one@nowhere.com>
>> wrote:
>>
>>>
>>><Mark@kb9rqz.aprs> wrote in message
>>>news:v9v1m2l426o89aotc5s19otlkd48oafjkn@4ax.com...
>>>> On Mon, 20 Nov 2006 00:13:08 GMT, "U-Know-Who" <no-one@nowhere.com>
>>>> wrote:
>>>>
>>>>>
>>>>><Mark@kb9rqz.aprs> wrote in message
>>>>>news:dhr1m2htqf0ida5gbjathr74h2b3ub5vml@4ax.com...
>>>>>> On Sun, 19 Nov 2006 23:17:20 GMT, "U-Know-Who" <no-one@nowhere.com>
>>>>>> wrote:
>>>>>>
>>>>>>>
>>>>>>><Mark@kb9rqz.aprs> wrote in message
>>>>>>>news:t581m21smnd6blud0fmu0el456b0d504iq@4ax.com...
>>>>>>>> On 19 Nov 2006 05:57:28 -0800, hot-ham-and-cheese@hotmail.com wrote:
>>>>>>>>
>>>>>>>>>
>>>>>>>>>N2EY@AOL.COM wrote:
>>>>>>>>>> Slow Code wrote:
>>>>>>>>>>
>>>>>>>>>> > I'm full of love.
>>>>>>>>>>
>>>>>>>>>> Well, full of *something*.
>>>>>>>>>>
>>>>>>>>>> I guess self-love qualifies as love, anyway.
>>>>>>>>>>
>>>>>>>>>> > If I didn't care for you people I wouldn't
>>>>>>>>>> > post help tips to inspire you all to be better radio amateurs
>>>>>>>>>> > and
>>>>>>>>>> > assets
>>>>>>>>>> > to our radio service.
>>>>>>>>>>
>>>>>>>>>> Has *anyone* been inspired to use your "tips"?
```

>>>>>>>>>>
>>>>>>>>>> > I'm here to lead and guide everyone to a higher
>>>>>>>>>> > level Ham-dom.
>>>>>>>>>>
>>>>>>>>>> The best way is by example. What example can you show us?
>>>>>>>>>>
>>>>>>>>>> > Now, many of you are like alcoholics and until you realize you
>>>>>>>>>> > all
>>>>>>>>>> > need
>>>>>>>>>> > help, you're not going to let me help you. But that's OK, I
>>>>>>>>>> > don't
>>>>>>>>>> > mind
>>>>>>>>>> > pointing out everyone's faults & deficiencies. It's actually
>>>>>>>>>> > quite
>>>>>>>>>> > fun.
>>>>>>>>>>
>>>>>>>>>> Everyone including you?
>>>>>>>>>
>>>>>>>>>Holy Cow!!! N2EY finally takes a stand!
>>>>>>>>
>>>>>>>> I know I thought it might have been an effort by to assnate ME (by
>>>>>>>> shock
>>>>>>>
>>>>>>>Nothing worse than getting "assnated"!
>>>>>> indeed death is as bad as it get Tom
>>>>>
>>>>>I tend to believe that right before you die in a fire is as bad as it
>>>>>can
>>>>>get, but that's just me.
>>>>
>>>> death is death
>>>>
>>>>> "Assnated"....just exactly what is that?
>>>>
>>>>
>>>> if you don't know what was typed then you are just plain stupid tom
>>>
>>>ASS-NA-TED?
>>>
>>>>
>>>> http://kb9rqz.blogspot.com/
>>>>
>>>> --
>>>> Posted via a free Usenet account from http://www.teranews.com
>>>>
>>>
>>
>>>You can read, right Mark?
>>
>> yes I can and so can you

>>
>> you just like to pretend you can't and play gotcha games over obvius
>> speeling errors
>>
>
>Mark, you cannot expect others to take you with a grain of salt if you don't
>expend the energy in a grain of salt to express yourself.

why not and why do you deserve any effort on my part you lack evn the
basic cowarge to give you name and all you dseem to snip at people or
talk badly off topic

> You expect others
>to stoop to your level of comprehension.

no I don't I have no such expectation I pitch things at your level

> Why can't you elevate your level of
>expression to that of the rest of the world?
>
>At present, you are doing the "crappie flop"....flopping around on the deck
>with no purpose, and expecting the rest of the world to figure out your
>intended meaning.

which is obviouss to anyone with even half a brain
>
>
>> you are just a coward Tom
>> http://kb9rqz.blogspot.com/
>>
>> --
>> Posted via a free Usenet account from http://www.teranews.com
>>
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2639. Re: I don't know why I keep posting to people that hate ham radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 06:51:57 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <hgc8h.721$_H5.674@tornado.texas.rr.com>
Source record: 49313
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

<Mark@kb9rqz.aprs> wrote in message
news:5gj2m21e8m29v8bjqntcq592tujbrf53t2@4ax.com...
> On Mon, 20 Nov 2006 06:37:41 GMT, "U-Know-

All bullshit snipped.

Markie is an idiot.

2640. Re: I don't know why I keep posting to people that hate ham radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 07:00:36 UTC
From: Mark@kb9rqz.aprs
Message-ID: <jjk2m25at32c9pldgo9kdk9kmj2tftkmss@4ax.com>
Source record: 49314
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Mon, 20 Nov 2006 06:51:57 GMT, "U-Know-Who" <no-one@nowhere.com>
wrote:

>
><Mark@kb9rqz.aprs> wrote in message
>news:5gj2m21e8m29v8bjqntcq592tujbrf53t2@4ax.com...
>> On Mon, 20 Nov 2006 06:37:41 GMT, "U-Know-
>
>All bullshit snipped.

meaning you were unable to answer my stament but had to rrespon anyway
>
>Markie is an idiot.

nah but you are a coawrd
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2641. Re: OT Operating question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 14:05:33 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <8oc3m2dbh6teklc02hjmcrscpt4ldbrgju@4ax.com>
Source record: 49315

On Sun, 19 Nov 2006 14:22:31 GMT, John Ferrell
<johnferrell@sprintmail.com> wrote:

>I have lost track of the year I received my Ham License.
After considering the advice here, I think the date remains a
non-issue. If asked I will claim "about 1960". It is a little
embarrasing that I have been a Ham that long and have contributed so
little. Early on I appreciated the welcome I received from so many
Hams. Nearly all were older than I. There were those who had no time
for kids or new Hams. I remember they were there, but no details.

I do remember my mentors.
John Ferrell W8CCW

2642. AT Auto FS

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 14:38:50 UTC
From: Sonny Hood <wrhood@cox.net>
Message-ID: <6ef3m2lq2ju2bksua6okiflvmsvtdmj6lv@4ax.com>
Source record: 49316

Palstar AT Auto tuner less than 3 months old, excellent shape, all
cables & accessories, factory box. Shipped Main land USA & Ins. FedEx
Grd $955.00 US Postal money order or Cashiers check (3 day to clear)
Pickup 23323 $915.00 <k4wys@cox.net>

2643. Re: Operation of bootstrap coax traps

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 15:20:30 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <2Jj8h.17124$B31.13350@newssvr27.news.prodigy.net>
Source record: 49317

Owen Duffy wrote:
> It seems to me that an explanation that considers that I1=I2, or that
> propagation time on the coax is zero, or that the inner conductor
> forms a inductance with mutual coupling to the outside of the outer
> conductor is flawed.

Is the following information available?

1. Compared to a 468/f CF dipole, what is the length
of the trapped dipole wire between the traps at resonance?

2. Compared to a 468/f CF dipole, what is the
resonant feedpoint impedance of the trapped dipole?
--
73, Cecil http://www.w5dxp.com

2644. Re: I'm like Moses.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 15:40:32 UTC
From: squad97 <rlink87074@aol.com>
Message-ID: <1164037231.948512.301730@j44g2000cwa.googlegroups.com>
Source record: 49318
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy

Slow Code wrote:
> Moses tried to lead people out of Egypt, and I'm trying to lead people
> out of Lid-ville. And also like Moses, I'm finding some don't want to
> leave. They think it's too much work to leave Lid-ville.
>
> Well sure it's work, but look at the benefits, Quality hams.
>
> SC
I just joined this group, thinking I would get in on quality radio
discussions. I didn't realize I had mistakenly joined a bunch of
juvenile males interested in only out-dissing each other . Are any of
you serious about radio?

2645. Re: I'm like Moses.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 15:51:23 UTC
From: SeppoP <seppo_pietikainen@xyahoox.com>
Message-ID: <4se17sFv3hh1U1@mid.individual.net>
Source record: 49319
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy

squad97 wrote:
> Slow Code wrote:
>> Moses tried to lead people out of Egypt, and I'm trying to lead people
>> out of Lid-ville. And also like Moses, I'm finding some don't want to
>> leave. They think it's too much work to leave Lid-ville.
>>
>> Well sure it's work, but look at the benefits, Quality hams.
>>
>> SC
> I just joined this group, thinking I would get in on quality radio
> discussions. I didn't realize I had mistakenly joined a bunch of
> juvenile males interested in only out-dissing each other . Are any of
> you serious about radio?
>

Very few, it seems. It's just (yet) another originally interesting n.g. gone to the dogs...
Well, that's what you (we) get from non-moderated groups...

--
Seppo P.
What's wrong with Theocracy? (a Finnish Taliban, Oct 1, 2005)

2646. Re: OT Operating question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 15:57:26 UTC
From: tclay@qmc.ph.msstate.edu
Message-ID: <87mz6m3yc9.fsf@qmc.ph.msstate.edu>
Source record: 49320

>I encounter a contest. I was unable join in last night because one of
>the information bites required was the year of license. I suspect the
>FCC and the ARRL no longer have the data. I am disinclined to
>intentionally lie. The best I can do is make a guess of 1960.

No one cares (including the contest sponsor) if you just pick a year. Just
don't change it during the middle of the contest.

Tor
N4OGW

2647. Re: Wouff Hong for antenna newsgroup (filters)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 17:01:21 UTC
From: an old fiend <Mark@kb9rqz.apsr>
Message-ID: <4561d287$0$21122$88260bb3@free.teranews.com>
Source record: 49321
Cross-posted to:
alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,alt.usenet.kooks

"Rick" <ricknj10@hotmail.com> wrote in message
news:Itq7h.3078$AO3.107@newsfe12.lga...
> Since I began using Outlook Express as my newsreader I have been able to
> implement subject line filters which are nearly perfect in eliminating the
> QRM. Every few days I add to this filter as needed.
> If you use Outlook Express and are not familiar with filters you are
> missing out on a real useful feature.
> All you have to do is hit tools/message rules/News. Then build a new
> filter "where the subject line contains words" and then put in the words
> that will be used to eliminate the QRM. Works as good as a Wouff Hong.
> Here's my current list:
>
> contains 'cw-forever' or 'slow code' or 'democrat' or 'Fcc took' or
> 'rumsfeld' or 'cw' or 'poll' or 'dumber' or 'blog' or 'crapthon' or
> 'crapathon' or 'cattle' or '...' or 'flonking' or 'punce' or 'passed tech'
>
> Rick K2XT
with the punce gotcha he wonders why I simple don't bother to ty
impoving my spelling do u hav anyting cognet two say?

my blog
http://www.marksspamblog.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2648. Re: I'm like Moses.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 17:08:17 UTC
From: an old fiend <Mark@kb9rqz.apsr>
Message-ID: <4561d427$0$21090$88260bb3@free.teranews.com>
Source record: 49322
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy

"squad97" <rlink87074@aol.com> wrote in message
news:1164037231.948512.301730@j44g2000cwa.googlegroups.com...
>
> Slow Code wrote:
>> Moses tried to lead people out of Egypt, and I'm trying to lead people
>> out of Lid-ville. And also like Moses, I'm finding some don't want to
>> leave. They think it's too much work to leave Lid-ville.
>>
>> Well sure it's work, but look at the benefits, Quality hams.
>>
>> SC
> I just joined this group, thinking I would get in on quality radio
> discussions. I didn't realize I had mistakenly joined a bunch of
> juvenile males interested in only out-dissing each other . Are any of
> you serious about radio?
with the punce gotcha he wonders why I simple don't bother to ty
impoving my spelling do u hav anyting cognet two say?

my blog
http://www.marksspamblog.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2649. Re: I'm like Moses.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 18:12:54 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Gem8h.5297$yE6.1487@newssvr14.news.prodigy.com>
Source record: 49323
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy

squad97 wrote:
> I just joined this group, thinking I would get in on quality radio
> discussions. I didn't realize I had mistakenly joined a bunch of
> juvenile males interested in only out-dissing each other . Are any of
> you serious about radio?

Which group is "this group"? You cross-posted to
three other groups.
--
73, Cecil http://www.w5dxp.com

2650. Re: I don't know why I keep posting to people that hate ham radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 18:26:31 UTC
From: an old fiend <Mark@kb9rqz.apsr>
Message-ID: <4561e67d$0$21115$88260bb3@free.teranews.com>
Source record: 49324
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

```
<Mark@kb9rqz.aprs> wrote in message
news:o322m2paagr66cjjtji9a5evtgfl3979n4@4ax.com...
> On Mon, 20 Nov 2006 01:42:01 GMT, "U-Know-Who" <no-one@nowhere.com>
> wrote:
>
>>
>><Mark@kb9rqz.aprs> wrote in message
>>news:v9v1m2l426o89aotc5s19otlkd48oafjkn@4ax.com...
>>> On Mon, 20 Nov 2006 00:13:08 GMT, "U-Know-Who" <no-one@nowhere.com>
>>> wrote:
>>>
>>>>
>>>><Mark@kb9rqz.aprs> wrote in message
>>>>news:dhr1m2htqf0ida5gbjathr74h2b3ub5vml@4ax.com...
>>>>> On Sun, 19 Nov 2006 23:17:20 GMT, "U-Know-Who" <no-one@nowhere.com>
>>>>> wrote:
>>>>>
>>>>>>
>>>>>><Mark@kb9rqz.aprs> wrote in message
>>>>>>news:t581m21smnd6blud0fmu0el456b0d504iq@4ax.com...
>>>>>>> On 19 Nov 2006 05:57:28 -0800, hot-ham-and-cheese@hotmail.com wrote:
>>>>>>>
>>>>>>>>
>>>>>>>>N2EY@AOL.COM wrote:
>>>>>>>>> Slow Code wrote:
>>>>>>>>>
>>>>>>>>> > I'm full of love.
>>>>>>>>>
>>>>>>>>> Well, full of *something*.
>>>>>>>>>
>>>>>>>>> I guess self-love qualifies as love, anyway.
>>>>>>>>>
>>>>>>>>> > If I didn't care for you people I wouldn't
>>>>>>>>> > post help tips to inspire you all to be better radio amateurs
>>>>>>>>> > and
>>>>>>>>> > assets
>>>>>>>>> > to our radio service.
>>>>>>>>>
>>>>>>>>> Has *anyone* been inspired to use your "tips"?
>>>>>>>>>
>>>>>>>>> > I'm here to lead and guide everyone to a higher
>>>>>>>>> > level Ham-dom.
>>>>>>>>>
```

>>>>>>>>> The best way is by example. What example can you show us?
>>>>>>>>>
>>>>>>>>> > Now, many of you are like alcoholics and until you realize you
>>>>>>>>> > all
>>>>>>>>> > need
>>>>>>>>> > help, you're not going to let me help you. But that's OK, I
>>>>>>>>> > don't
>>>>>>>>> > mind
>>>>>>>>> > pointing out everyone's faults & deficiencies. It's actually
>>>>>>>>> > quite
>>>>>>>>> > fun.
>>>>>>>>>
>>>>>>>>> Everyone including you?
>>>>>>>>
>>>>>>>>>Holy Cow!!! N2EY finally takes a stand!
>>>>>>>
>>>>>>> I know I thought it might have been an effort by to assnate ME (by
>>>>>>> shock
>>>>>>
>>>>>>Nothing worse than getting "assnated"!
>>>>> indeed death is as bad as it get Tom
>>>>
>>>>I tend to believe that right before you die in a fire is as bad as it
>>>>can
>>>>get, but that's just me.
>>>
>>> death is death
>>>
>>>> "Assnated"....just exactly what is that?
>>>
>>>
>>> if you don't know what was typed then you are just plain stupid tom
>>
>>ASS-NA-TED?
>>
>>>
>>> http://kb9rqz.blogspot.com/
>>>
>>> --
>>> Posted via a free Usenet account from http://www.teranews.com
>>>
>>
>
>>You can read, right Mark?
>
> yes I can and so can you
>
> you just like to pretend you can't and play gotcha games
>
punce gotcha games?

with the punce gotcha he wonders why I simple don't bother to ty
impoving my spelling do u hav anyting cognet two say?

my blog
http://www.marksspamblog.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2651. Replacement seal for antenna rotor

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 18:36:42 UTC
From: N4aeq <tucker@conninc.com>
Message-ID: <1164047802.515893.239880@e3g2000cwe.googlegroups.com>
Source record: 49325

I picked up several old channel master antenna rotors for use with
light weight beams, they check out ok but the top seal on both motors
is cracked and needs replacement.
Has anyone found a homebrew way of making or find a
replacement for the rotor seal?

2652. danm pipes frose agian last nite

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 18:53:51 UTC
From: an old fiend <Mark@kb9rqz.apsr>
Message-ID: <4561ece4$0$21101$88260bb3@free.teranews.com>
Source record: 49226
Cross-posted to: rec.radio.amateur.policy,alt.usenet.kooks,rec.radio.amateur.antenna,rec.radio.scanner

tis time the tiolet blow up real bad so anoter day of shitting in back yard
behind teh trash piles I dont have a camra so i draw pic of it see
http://www.angelfire.com/sc3/swinston/images/Mar11ToiletExplode.bmp

--
Posted via a free Usenet account from http://www.teranews.com

2653. Re: I'm like Moses.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 20:34:01 UTC
From: labtech1 <labtech_one@yahoo.com>
Message-ID: <3ea76$45621135$471dd939$11586@ALLTEL.NET>
Source record: 49227
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy

well thats WHERE the problem lies, if the retards would keep the thread in
the Ham Radio NG things would be fine. After reading (a few of) the
messages, it makes me wish ham radio would die out. They complain about
'qual;ity' operators and CB'ers but then they get
here and act worse that the worst. And yes I'm cross posting this message so
that ALL the
ham radio retards can see it, with the hopes (but it seems these shit
stains have NO CONSIDERATION for other people) will STOP cross posting to
NG's that have no
bearing on their 'debates'

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:Gem8h.5297$yE6.1487@newssvr14.news.prodigy.com...
> squad97 wrote:
> > I just joined this group, thinking I would get in on quality radio
> > discussions. I didn't realize I had mistakenly joined a bunch of
> > juvenile males interested in only out-dissing each other . Are any of
> > you serious about radio?
>
> Which group is "this group"? You cross-posted to
> three other groups.
> --
> 73, Cecil http://www.w5dxp.com

2654. Re: I'm like Moses.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 21:27:20 UTC
From: an old fiend <Mark@kb9rqz.apsr>
Message-ID: <456210df$0$21129$88260bb3@free.teranews.com>
Source record: 49229
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy

"labtech1" <labtech_one@yahoo.com> wrote in message
news:3ea76$45621135$471dd939$11586@ALLTEL.NET...
> well thats WHERE the problem lies, if the retards would keep the thread in
> the Ham Radio NG things would be fine. After reading (a few of) the
> messages, it makes me wish ham radio would die out. They complain about
> 'qual;ity' operators and CB'ers but then they get
> here and act worse that the worst. And yes I'm cross posting this message
> so
> that ALL the
> ham radio retards can see it, with the hopes (but it seems these shit
> stains have NO CONSIDERATION for other people) will STOP cross posting to
> NG's that have no
> bearing on their 'debates'
with the punce gotcha he wonders why I simple don't bother to ty
impoving my spelling do u hav anyting cognet two say?

my blog
http://www.marksspamblog.blogspot.com/

>
> "Cecil Moore" <mycall@hotmail.com> wrote in message
> news:Gem8h.5297$yE6.1487@newssvr14.news.prodigy.com...
>> squad97 wrote:
>> > I just joined this group, thinking I would get in on quality radio
>> > discussions. I didn't realize I had mistakenly joined a bunch of
>> > juvenile males interested in only out-dissing each other . Are any of
>> > you serious about radio?
>>
>> Which group is "this group"? You cross-posted to
>> three other groups.
>> --
>> 73, Cecil http://www.w5dxp.com
>
>

--
Posted via a free Usenet account from http://www.teranews.com

2655. Re: id theft is acrime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 21:27:40 UTC
From: peewee_lloyd_davies@yahoo.com
Message-ID: <1164058060.475481.279120@m73g2000cwd.googlegroups.com>
Source record: 49228
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

Mark@kb9rqz.aprs wrote:
> On 17 Nov 2006 09:16:01 -0800, "Andy the Perv Timberlake"
> <andy_theperv_timberlake@yahoo.com> wrote:
>
> >
> >The Goddamned blatherer of Obtuse Statements wrote:
> >> On Mon, 13 Nov 2006 12:59:31 -0500, Wabbit, frogging Mark Morgan, did
> >> most oddly state:
> >>
> >> And you're a raving, obnoxious, pathetic bigot!
> >
> >And you are an AIDS-ridden cocksucking pervert!
> you are just sick

You are the one who admitted having sex with an 17 year old boy, child
raper.

2656. Re: I'm like Moses. No - You're like a SHITHEAD

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 22:17:29 UTC
From: Charlie <charlie@ease.biz>
Message-ID: <12m4ac4569t6fda@corp.supernews.com>
Source record: 49230
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy

```
--

"labtech1" <labtech_one@yahoo.com> wrote in message
news:3ea76$45621135$471dd939$11586@ALLTEL.NET...
> well thats WHERE the problem lies, if the retards would keep the thread in
> the Ham Radio NG things would be fine. After reading ( a few of) the
> messages, it makes me wish ham radio would die out. They complain about
> 'qual;ity' operators and CB'ers but then they get
> here and act worse that the worst. And yes I'm cross posting this message
> so
> that ALL the
> ham radio retards can see it, with the hopes ( but it seems these shit
> stains have NO CONSIDERATION for other people ) will STOP cross posting to
> NG's that have no
> bearing on their 'debates'
>
>
> "Cecil Moore" <mycall@hotmail.com> wrote in message
> news:Gem8h.5297$yE6.1487@newssvr14.news.prodigy.com...
>> squad97 wrote:
>> > I just joined this group, thinking I would get in on quality radio
>> > discussions. I didn't realize I had mistakenly joined a bunch of
>> > juvenile males interested in only out-dissing each other . Are any of
>> > you serious about radio?
>>
>> Which group is "this group"? You cross-posted to
>> three other groups.
>> --
>> 73, Cecil http://www.w5dxp.com
>
>
>
```

2657. Re: I'm like Moses.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 22:27:26 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <5Zp8h.3015$m9.795@bignews2.bellsouth.net>
Source record: 49231
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy

"squad97" <rlink87074@aol.com> wrote in message
news:1164037231.948512.301730@j44g2000cwa.googlegroups.com...
>
> Slow Code wrote:
>> Moses tried to lead people out of Egypt, and I'm trying to lead people
>> out of Lid-ville. And also like Moses, I'm finding some don't want to
>> leave. They think it's too much work to leave Lid-ville.
>>
>> Well sure it's work, but look at the benefits, Quality hams.
>>
>> SC
> I just joined this group, thinking I would get in on quality radio
> discussions. I didn't realize I had mistakenly joined a bunch of
> juvenile males interested in only out-dissing each other . Are any of
> you serious about radio?
>

Quite a few of us are but we have been invaded by the idiot squad lately. A carefully made kill file will solve the problem and make the newsgroup much nicer. I have a friend who is writing a patch fpr IE that will allow you to kill entire threads according to whom initates it. I will make it available as soon as I get it. Most of the juvenille behavior is a result of those with no true interest in amateur radio, they just want to stir the pot and be heard kind of like those who yell obscenities on the air just to hear peolpe respond.

2658. Re: id theft is acrime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 23:45:30 UTC
From: Mark@kb9rqz.aprs
Message-ID: <nff4m2htqfruenabidvnk0p06ek403srh4@4ax.com>
Source record: 49232
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On 20 Nov 2006 13:27:40 -0800, peewee_lloyd_davies@yahoo.com wrote:

>Mark@kb9rqz.aprs wrote:
>> On 17 Nov 2006 09:16:01 -0800, "Andy the Perv Timberlake"
>> <andy_theperv_timberlake@yahoo.com> wrote:
>>
>> >
>> >The Goddamned blatherer of Obtuse Statements wrote:
>> >> On Mon, 13 Nov 2006 12:59:31 -0500, Wabbit, frogging Mark Morgan, did
>> >> most oddly state:
>> >>
>> >> And you're a raving, obnoxious, pathetic bigot!
>> >
>> >And you are an AIDS-ridden cocksucking pervert!
>> you are just sick
>
>You are the one who admitted having sex with an 17 year old boy, child
>raper.

admitted that likely have and no rape occours in that case at least
under present law woger
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2659. Re: I don't know why I keep posting to people that hate ham radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 23:48:37 UTC
From: Mark@kb9rqz.aprs
Message-ID: <6mf4m2d9bh7hf07k353g0qcandjl95650m@4ax.com>
Source record: 49233
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner

On Mon, 20 Nov 2006 13:26:31 -0500, "an old fiend" <Mark@kb9rqz.apsr>
wrote:

>

more fraud His teve
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2660. stil a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 23:50:52 UTC
From: Mark@kb9rqz.aprs
Message-ID: <8qf4m2t915h0sfdbh8uht1hm4l4740thm9@4ax.com>
Source record: 49234
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy

On Mon, 20 Nov 2006 12:01:21 -0500, "an old fiend" <Mark@kb9rqz.apsr>
wrote:

>

and you keep comtiing it
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2661. stop theblasphemy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 23:52:04 UTC
From: Mark@kb9rqz.aprs
Message-ID: <grf4m2p8kd299onqtcrbopnjpea01uq2i2@4ax.com>
Source record: 49235
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy

On 20 Nov 2006 07:40:32 -0800, "squad97" <rlink87074@aol.com> wrote:

>
>Slow Code wrote:
>> Moses tried to lead people out of Egypt, and I'm trying to lead people
>> out of Lid-ville. And also like Moses, I'm finding some don't want to
>> leave. They think it's too much work to leave Lid-ville.
>>
>> Well sure it's work, but look at the benefits, Quality hams.
>>
>> SC
>I just joined this group, thinking I would get in on quality radio
>discussions. I didn't realize I had mistakenly joined a bunch of
>juvenile males interested in only out-dissing each other . Are any of
>you serious about radio?

I am and Hot ham and chesse Len anderson also is but the rest ran out
of anything to do but post vilesness or the outright blasphemy of this
threads title
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2662. Re: Best 2M antenna for atv ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-20 23:55:12 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <dbr8h.14433$K9.13482@bignews4.bellsouth.net>
Source record: 49236
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna

"Adair Witner" <buhbear007@mail.com> wrote in message
news:Uu98h.5102$yE6.1492@newssvr14.news.prodigy.com...
> You might want to try a 1/2 antanna which does not require a ground
> Adair
> "James" <jnipperxxx@nospamfdn.com> wrote in message
> news:Ft2dnWCL2rdBksLYnZ2dnUVZ_t6dnZ2d@comcast.com...
>>
>>
>> I want to mount a 2 meter rig on my Honda Foreman ATV. I want a
>> high-gain antenna, either a 5/8 wave or possibly a collinear. I would
>> like to stay around 4 to 5 feet in length, but it is possible that a
>> collinear would be longer.
>>
>> Any recommendations on this ? I know that an atv would not provide
>> much
>> of a ground plane, so I think a 1/4 wave would be out of the question.
>>
>> Any recommended "type" (wavelength, etc) and brand for this use ?
>>
>> Thanks for any comments !!
>>
>>
>> 73 de Jim K4PYT
>>
>>
>
>
You are going to need something rugged if you are out in the woods. I made a
J antenna from a couple of old CB SS whips many years ago. I drilled a block
of metal with 3 holes 2 on 1 side and 1 on the other to fit the threads on
the antennas. The 2 holes on one side got the 3/4 wl and the 1/4wl section
the hole on the other side mated with a big spring mount. I believe this was
modeled after the Super J as seen in the ARRL handbook. This antenna mounted
on a VW dune buggy survived contact with many overhanging branches. This
antenna got out a lot better than the 1/4wl antenna it replaced. I think
this was mostly due to its added hiegth rather than any significant increase
in gain.

2663. Re: I'm like Moses.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 00:53:34 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1164070414.171723.30830@m7g2000cwm.googlegroups.com>
Source record: 49237
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy

squad97 wrote:
> Slow Code wrote:
> > Moses tried to lead people out of Egypt, and I'm trying to lead people
> > out of Lid-ville. And also like Moses, I'm finding some don't want to
> > leave. They think it's too much work to leave Lid-ville.
> >
> > Well sure it's work, but look at the benefits, Quality hams.
> >
> > SC

> I just joined this group, thinking I would get in on quality radio
> discussions. I didn't realize I had mistakenly joined a bunch of
> juvenile males interested in only out-dissing each other . Are any of
> you serious about radio?

I am.

The FCC just posted the newest restructuring in the Federal Register.

2664. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 00:54:50 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <u7s8h.1376$tM1.1345@newsread1.news.pas.earthlink.net>
Source record: 49238
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

"U-Know-Who" <no-one@nowhere.com> wrote in
news:5lO7h.283$_H5.256@tornado.texas.rr.com:

>
> "Slow Code" <my.mail@no.spam> wrote in message
> news:1wN7h.626$sf5.622@newsread4.news.pas.earthlink.net...
>> jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote in
>> news:ej8knc$kn5$1@news.hawaii.edu:
>>
>>> John Smith <assemblywizard@gmail.com> wrote:
>>>>Idiot, check your spelling, it's "group troll."
>>>
>>> Well, let's see if he ment "poll" or "troll":
>>>
>>>
>>> 0 2 4 6 8 10
>>> /
>>> /
>>> /
>>> /
>>> /
>>> /
>>> /
>>> /
>>> POLL-O-METER
>>
>>
>>
>> So what appliances does everyone hope Santa brings them for Xmas?
>>
>> HF, VHF, UHF, KENWOOD, YAESU, ICOM, Cobra?
>>
>>
>> I couldn't think of anything for myself, so I hope I just get a some
>> componants and a new soldering iron for projects so I can keep moving
>> forward in ham radio.
>>
>> SC
>
> And spell check for your PC. :-)

Which one do you have? I want Santa to bring me a different one. The one
you have doesn't work.

SC

2665. Re: I'm like Moses.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 00:54:54 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <y7s8h.1378$tM1.252@newsread1.news.pas.earthlink.net>
Source record: 49239
Cross-posted to: alt.radio.swap,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy

"KC4UAI" <kc4uai@gmail.com> wrote in
news:1164038232.247833.324380@h48g2000cwc.googlegroups.com:

>
> Slow Code wrote:
>> Moses tried to lead people out of Egypt, and I'm trying to lead people
>> out of Lid-ville. And also like Moses, I'm finding some don't want to
>> leave. They think it's too much work to leave Lid-ville.
>>
>> Well sure it's work, but look at the benefits, Quality hams.
>>
>
> Dude... Your Bible knowledge is a bit lacking. Everybody wanted to
> leave Egypt, but after the travel took more time and effort than they
> hoped, some wanted to go back.

No, No, No, You are all Heathens!!!!

I know the Bible. I read it every Friggen day while I listen to Code. My
favorite Bible passage is an End-Times passage and I'm actually mentioned
in it. It's found in First Hiram Chapter 2, verse 73:

"and Slow Code, servant of the Lord, smote the Lids with his
cattle prod and the Lids were healed. All that saw were
amazed and fell to the floor and gave thanks to Slow Code
and the bands were made clean that day, and many CB'ers were
also converted. And they began preaching and speaking in CW"

SC

2666. Re: I'm like Moses.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 00:54:55 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <z7s8h.1379$tM1.1172@newsread1.news.pas.earthlink.net>
Source record: 49240
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.swap

"labtech1" <labtech_one@yahoo.com> wrote in
news:3ea76$45621135$471dd939$11586@ALLTEL.NET:

> WHAAAAAAAAAAA!

There, I shortened your post for you.

Happy to help.

SC

2667. Re: Ping Roy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 00:55:27 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <38s8h.1392$tM1.864@newsread1.news.pas.earthlink.net>
Source record: 49241
Cross-posted to: rec.radio.amateur.antenna,alt.radio.scanner,rec.radio.amateur.misc,rec.radio.scanner

Mike Coslo <mcoslo@comcast.net> wrote in
news:Xns9880CCDA3C422mcoslocomcastnet@216.196.97.136:

> Hey Roy,
>
> I share your dilemma with the OT crossposters. I also used
> Thunderbird, and while I like the interface, it hasn't been all that
> great at getting rid of the trash.
>
> You might want to try Xnews. I downloaded it this weekend, and
> have
> been pretty impressed so far.
>
> I'd note that the interface is a lot different from T-bird, and
> that
> its filters are solid, but filter across all of netnews unless you go
> fairly deep into the program. That's okay by me, though.
>
> If you want to do it the simple way, you hit "K", and enter how
> many
> days you want the poster to go away. If you want them to go away foever,
> you type in "0".
>
> Oh, and it's free.
>
> - 73 de Mike KB3EIA -

Mike,

Xnews is what I use too and I don't have any problems with off topic posts
or cross-posts anymore. Tnx, 73, Good luck on the Code test.

SC

2668. Re: Wouff Hong for antenna newsgroup (jackass filters)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 00:56:40 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <c9s8h.1402$tM1.1081@newsread1.news.pas.earthlink.net>
Source record: 49242
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.swap

"olekinghole9007" <revfoxweek9@yahoo.com> wrote in
news:1163968259.977007.188980@k70g2000cwa.googlegroups.com:

> Lloyd Wiseman wrote:
>> "Rick" <ricknj10@hotmail.com> wrote in
>> news:hxq7h.3079$AO3.1294@newsfe12.lga:
>>
>> >
>> >> Works as good as a Wouff Hong.
>> >
>> > I should have said "Works ALMOST as well as a Wouff Hong."
>> > Because a real Wouff Hong, properly administered, would eliminate not
>> > only the QRM but the QRM'er - a beautiful thing.
>> >
>> > Rick K2XT
>>
>>
>> Get used to the QRM, because after CW is eliminated you're going to
>> wish your rig did come with Rettysnitch and wouff hong filters...
>>
>> But I forget, due to the lack of support for good tests a lot of you
>> people must like hearing Lids.
>>
>> SC
>
> Wouff Hong ???
> Rettysnitch ???
> WTF are we in the 19th Century here???
> Baaaaaaaaa hahahahhahahahahhahaha!!!!!!!
>
> Jeezus H Christmas on a rocket powered sled at the Nevada test site
> will you OBSOLETE hams PLEASE join the 21st century.
>
> I mean consider that the terms Wouff Hong and Rettysnitch
> DO NOT even appear ANYPLACE on or within Wikipedia!
>
> That alone should tell you something! (..of course now you
> can be some crusty old fart, cloistered ham radio nerd or
> some asshole who took the "Bash Book" route to get his ham
> license will now dash up and create an entry in Wikipaeda
> just to inflate his own ego and asscheeks and claim he did
> something.....go ahead, be my guest! In the meantime I'm
> heading back to 20 Meters to have some fun with the contest

> freaks. I made up a callsign and semi-rare section and these
> CLOWN-testers are beating a path to my speaker to work me
> just so they can see their callsign in print in some half-ass
> magazine from CT. How F-N pathetic!) ---> PFHBLTTT!!!!!!!!
>
> ps: you should have seen how many DX clowntesters I duped
> a few weeks ago using a "creative" callsign, section and running
> 10 watts into the 40M dipole instead of the beam...suckers!

You shouldn't do things like that, the FCC will come after you like they
went after old Two-Test.

SC

2669. crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 01:15:39 UTC
From: Mark@kb9rqz.aprs
Message-ID: <pok4m2ta9qrj4rutbpcsi81tblc558s7b1@4ax.com>
Source record: 49243
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

```
On Tue, 21 Nov 2006 00:54:50 GMT, Slow Code <my.mail@no.spam> wrote:

>"U-Know-Who" <no-one@nowhere.com> wrote in
>news:5lO7h.283$_H5.256@tornado.texas.rr.com:
>
>>
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:1wN7h.626$sf5.622@newsread4.news.pas.earthlink.net...
>>> jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote in
>>> news:ej8knc$kn5$1@news.hawaii.edu:
>>>
>>>> John Smith <assemblywizard@gmail.com> wrote:
>>>>>Idiot, check your spelling, it's "group troll."
>>>>
>>>> Well, let's see if he ment "poll" or "troll":
>>>>
>>>>
>>>> 0 2 4 6 8 10
>>>> /
>>>> /
>>>> /
>>>> /
>>>> /
>>>> /
>>>> /
>>>> /
>>>> POLL-O-METER
>>>
>>>
>>>
>>> So what appliances does everyone hope Santa brings them for Xmas?
>>>
>>> HF, VHF, UHF, KENWOOD, YAESU, ICOM, Cobra?
>>>
>>>
>>> I couldn't think of anything for myself, so I hope I just get a some
>>> componants and a new soldering iron for projects so I can keep moving
>>> forward in ham radio.
>>>
>>> SC
>>
>> And spell check for your PC. :-)
>
```

>
>Which one do you have? I want Santa to bring me a different one. The one
>you have doesn't work.
could you say something postive SC?

just as a change you sourbitter OM
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2670. Re: Best 2M antenna for atv ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 01:22:15 UTC
From: Jim - NN7K <NN7K@NOWAY.NET>
Message-ID: <bxs8h.13197$9v5.9803@newssvr29.news.prodigy.net>
Source record: 49244
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna

Try Larsen antennas, their "OM" series of mobiles
1/2 wavelength, are end loaded-- Ideal for
fiberglass , and low amounts of metal. Works
great on Broncos, and Blazers, and other
non-metal frames! try
http://www.radialllarsen.com/docfiles/ASB7/Pages/72.pdf

Jim NN7K

Jimmie D wrote:
> "Adair Witner" <buhbear007@mail.com> wrote in message
> news:Uu98h.5102$yE6.1492@newssvr14.news.prodigy.com...
>> You might want to try a 1/2 antanna which does not require a ground
>> Adair
>> "James" <jnipperxxx@nospamfdn.com> wrote in message
>> news:Ft2dnWCL2rdBksLYnZ2dnUVZ_t6dnZ2d@comcast.com...
>>>
>>> I want to mount a 2 meter rig on my Honda Foreman ATV. I want a
>>> high-gain antenna, either a 5/8 wave or possibly a collinear. I would
>>> like to stay around 4 to 5 feet in length, but it is possible that a
>>> collinear would be longer.
>>>
>>> Any recommendations on this ? I know that an atv would not provide
>>> much
>>> of a ground plane, so I think a 1/4 wave would be out of the question.
>>>
>>> Any recommended "type" (wavelength, etc) and brand for this use ?
>>>
>>> Thanks for any comments !!
>>>
>>>
>>> 73 de Jim K4PYT
>>>
>>>
>>
> You are going to need something rugged if you are out in the woods. I made a
> J antenna from a couple of old CB SS whips many years ago. I drilled a block
> of metal with 3 holes 2 on 1 side and 1 on the other to fit the threads on
> the antennas. The 2 holes on one side got the 3/4 wl and the 1/4wl section
> the hole on the other side mated with a big spring mount. I believe this was
> modeled after the Super J as seen in the ARRL handbook. This antenna mounted
> on a VW dune buggy survived contact with many overhanging branches. This
> antenna got out a lot better than the 1/4wl antenna it replaced. I think
> this was mostly due to its added hiegth rather than any significant increase

> in gain.
>
>

2671. still a cime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 01:31:54 UTC
From: Mark@kb9rqz.aprs
Message-ID: <2ol4m2hjvk84pvbn2lkj2p5r0ae5idg37a@4ax.com>
Source record: 49245
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.scanner

On Mon, 20 Nov 2006 13:53:51 -0500, "an old fiend" <Mark@kb9rqz.apsr>
wrote:

>
you know in comting fraud you might check if it is psooible for
something to frezze at my place
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2672. stop the blaspheming SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 01:32:36 UTC
From: Mark@kb9rqz.aprs
Message-ID: <6pl4m2ppu76mdd194bof1344fo5kj7nho4@4ax.com>
Source record: 49246
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

On Tue, 21 Nov 2006 00:54:54 GMT, Slow Code <my.mail@no.spam> wrote:

>"KC4UAI" <kc4uai@gmail.com> wrote in
>news:1164038232.247833.324380@h48g2000cwc.googlegroups.com:
>
>>
>> Slow Code wrote:
>>> Moses tried to lead people out of Egypt, and I'm trying to lead people
>>> out of Lid-ville. And also like Moses, I'm finding some don't want to
>>> leave. They think it's too much work to leave Lid-ville.
>>>
>>> Well sure it's work, but look at the benefits, Quality hams.
>>>
>>
>> Dude... Your Bible knowledge is a bit lacking. Everybody wanted to
>> leave Egypt, but after the travel took more time and effort than they
>> hoped, some wanted to go back.
>
>
>
>No, No, No, You are all Heathens!!!!
>
>I know the Bible. I read it every Friggen day while I listen to Code. My
>favorite Bible passage is an End-Times passage and I'm actually mentioned
>in it. It's found in First Hiram Chapter 2, verse 73:

stop with the blasphemy please SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2673. Re: matching 50 ohm line to 75 ohm antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 01:39:32 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <1Js8h.14447$K9.13968@bignews4.bellsouth.net>
Source record: 49247

"Dave" <W1MCE@comcast.net> wrote in message
news:BbydnTDYLfGWkMLYnZ2dnUVZ_rOdnZ2d@comcast.com...
> JIMMIE wrote:
>
> SNIPPED
>>
>> On a double boom LPA ithe nominal value can be around 50 ohms, It
>> depends on the spacing of the booms. Bill Orr has a design for 6 meters
>> that used 3 or 4 elements in an LPA and then added a few parasitic
>> elements. I tried this antenna and mine had no noticeable improvement
>> over my 4 element Yagi Jimmie D
>>
>
> Jimmie, I would expect no improvement in GAIN over a four element Yagi.
>
> But how does the VSWR compare between the two antennas when measured
> continuously from 50.0 to 54.0 MHz? I expect the LP will have a more
> uniform VSWR. That is why people choose LPs. Namely to get a 'flatter'
> VSWR response.
>
> /s/ DD
>
I was never really interested in covering the whole band , just the first
1.5 Mhz or so. The SWR was comparable in this area on both antennas. The
Yagi was easier and cheaper to build.

2674. Re: stop theblasphemy

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 03:11:12 UTC
From: Opus- <jbuchy@shaw.ca>
Message-ID: <ghr4m25ubo4m7k5e5ukvlrgqnoaf6ia1nt@4ax.com>
Source record: 49248
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy

On Mon, 20 Nov 2006 18:52:04 -0500, Mark@kb9rqz.aprs spake thusly:

>On 20 Nov 2006 07:40:32 -0800, "squad97" <rlink87074@aol.com> wrote:
>
>>
>>Slow Code wrote:
>>> Moses tried to lead people out of Egypt, and I'm trying to lead people
>>> out of Lid-ville. And also like Moses, I'm finding some don't want to
>>> leave. They think it's too much work to leave Lid-ville.
>>>
>>> Well sure it's work, but look at the benefits, Quality hams.
>>>
>>> SC
>>I just joined this group, thinking I would get in on quality radio
>>discussions. I didn't realize I had mistakenly joined a bunch of
>>juvenile males interested in only out-dissing each other . Are any of
>>you serious about radio?
>
>I am and Hot ham and chesse Len anderson also is but the rest ran out
>of anything to do but post vilesness or the outright blasphemy of this
>threads title

But...but..but what about me??

;-)
--
Opus62@gmail.com
(Jim, single dad to Lesleigh [Autistic] 04/20/94)

"What, Me Worry?" A. E. Newman

Please note: All unsolicited e-mail sent to me may, at
my discretion, be posted in this newsgroup verbatim.

2675. FS: Coax Switch

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 03:39:18 UTC
From: W6KRC <W6KRC@ARRL.net>
Message-ID: <Bxu8h.10239$nL1.8313@newsfe11.phx>
Source record: 49249
Cross-posted to: alt.ham-radio.marketplace,rec.radio.amateur.antenna,rec.radio.amateur.swap,rec.radio.swap

New (NOS) model Delta-2N coax switch & surge protector $25.00 plus postage.
This is 2 position RF switch using type N connectors.
I accept cash, checks, MO's, or Paypal. My address is: Murray Pasternack, PO Box 73160, San Clemente, CA 92673-0105 USA

I ship Air Parcel Post via USPS within 24 hours of receiving your payment.

Murray, W6KRC

2676. Re: Operation of bootstrap coax traps

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 08:13:16 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <0ec5m29vsgpcsvgr0l2d1g2ve4b1lljn6j@4ax.com>
Source record: 49250

On Sat, 18 Nov 2006 03:58:04 GMT, Owen Duffy <owen@no.where> wrote:

>
>Picking up on a comment in a previous thread on coax traps
>
...

I have put some notes together on a draft page proposing a
mathematical model for these traps.

The draft is at http://www.vk1od.net/coaxtrap/index.htm .

This is a different approach to any that I have seen, principally
because it treats the coax section as a transmission line (as I
believe it is). That is not to say it is correct, so if anyone can
identify errors in the document, I welcome their feedback.

I have not constructed and measured the example trap. Construction is
easy, I just don't have equipment to perform high accuracy
measurements of RF complex impedances up to around 100k.

Comments appreciated.

Owen
--

2677. glass mount antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 11:11:47 UTC
From: sapper <billvet6@excite.com>
Message-ID: <1164107507.101501.251980@f16g2000cwb.googlegroups.com>
Source record: 49251

Any suggestions on removing a glass mount antenna?
Buying that thing was throwing money away.Thanks, Bill KC9IRR

2678. Re: glass mount antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 12:42:49 UTC
From: Jeff <jeff@local.host>
Message-ID: <45630457$0$1343$834e42db@reader.greatnowhere.com>
Source record: 49252

"sapper" <billvet6@excite.com> wrote in message
news:1164107507.101501.251980@f16g2000cwb.googlegroups.com...
> Any suggestions on removing a glass mount antenna?
> Buying that thing was throwing money away.Thanks, Bill KC9IRR
>

The ones that I have had in the past have always worked very well; even the
home brew one!!!

A scalpel blade around the edge and then a twisting motion on the base has
got then off for me.

73
Jeff

2679. Re: Replacement seal for antenna rotor

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 12:47:08 UTC
From: w9gb <spam_protect@arrl.net>
Message-ID: <ZMqdnVJjYvHSaP_YnZ2dnUVZ_v6dnZ2d@comcast.com>
Source record: 49253

"N4aeq" <tucker@conninc.com> wrote in message
news:1164047802.515893.239880@e3g2000cwe.googlegroups.com...
>I picked up several old channel master antenna rotors for use with
> light weight beams, they check out ok but the top seal on both motors
> is cracked and needs replacement.
> Has anyone found a homebrew way of making or find a
> replacement for the rotor seal?
>
IF you are referring to the outside housing.
Gasket material at you local full service auto store should work.

gb

2680. Re: glass mount antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 12:59:54 UTC
From: w9gb <spam_protect@arrl.net>
Message-ID: <1vKdnTx764DQZf_YnZ2dnUVZ_tqdnZ2d@comcast.com>
Source record: 49254

"sapper" <billvet6@excite.com> wrote in message
news:1164107507.101501.251980@f16g2000cwb.googlegroups.com...
> Any suggestions on removing a glass mount antenna?
> Buying that thing was throwing money away.Thanks, Bill KC9IRR
>

I can only assume that you purchased a cheap Far East import / clone part.
Putty knife.

Antenna Specialists (now owned by PCTEL) made the best in the industry --
"On-Glass"&#65533; product
http://www.antenna.com/
http://www.antenna.com/product_overview_detail.cgi?id_num=10456&styleid=6

just like electrolytic capacitors -- Far East again doesn't get the formula
or designs right.
http://www.badcaps.net/
http://news.com.com/PCs+plagued+by+bad+capacitors/2100-1041_3-5942647.html
http://cquirke.mvps.org/csxcaps.htm
http://en.wikipedia.org/wiki/Capacitor_plague

Consumer amateur doesn't know that there is difference -- PCTEL, like many
mfg. is slowly eliminating antennas below 440 MHz -- in favor of 800 MHz and
higher.

gb

2681. Re: glass mount antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 14:12:16 UTC
From: Dale Parfitt <par@parelectronics.com>
Message-ID: <4PD8h.5095$J5.2305@trnddc04>
Source record: 49255

"w9gb" <spam_protect@arrl.net> wrote in message
news:1vKdnTx764DQZf_YnZ2dnUVZ_tqdnZ2d@comcast.com...
> "sapper" <billvet6@excite.com> wrote in message
> news:1164107507.101501.251980@f16g2000cwb.googlegroups.com...
>> Any suggestions on removing a glass mount antenna?
>> Buying that thing was throwing money away.Thanks, Bill KC9IRR
>>
>
> I can only assume that you purchased a cheap Far East import / clone part.
> Putty knife.
>
> Antenna Specialists (now owned by PCTEL) made the best in the industry --
> "On-Glass"® product
> http://www.antenna.com/
> http://www.antenna.com/product_overview_detail.cgi?id_num=10456&styleid=6
>
>
Exactly right. The A.S. patent was strong and forced "would be imitators" to
come up with 1/4 wave designs that gave the on-glass concept a bad name.

Dale W4OP

2682. Re: Replacement seal for antenna rotor

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 14:29:40 UTC
From: Allodoxaphobia <bit-bucket@config.com>
Message-ID: <slrnem63ak.rc6.bit-bucket@shell.config.com>
Source record: 49256

On Tue, 21 Nov 2006 06:47:08 -0600, w9gb wrote:
> "N4aeq" <tucker@conninc.com> wrote in message
> news:1164047802.515893.239880@e3g2000cwe.googlegroups.com...
>>I picked up several old channel master antenna rotors for use with
>> light weight beams, they check out ok but the top seal on both motors
>> is cracked and needs replacement.
>> Has anyone found a homebrew way of making or find a
>> replacement for the rotor seal?
>>
> IF you are referring to the outside housing.
> Gasket material at you local full service auto store should work.

Or, if you're speaking of a rain cap skirt, get a roof vent pipe weather
skirt from plumbing supply that is a snug fit on the mast and trim as
necessary. They are designed for outdoor exposure from the git-go.

HTH
Jonesy
--
Marvin L Jones | jonz | W3DHJ | linux
38.24N 104.55W | @ config.com | Jonesy | OS/2
*** Killfiling google posts: <http//jonz.net/ng.htm>

2683. i punce in agin

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 17:39:54 UTC
From: an old fiend <Mark@kb9rqz.apsr>
Message-ID: <45632d15$0$21127$88260bb3@free.teranews.com>
Source record: 49257
Cross-posted to:
rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb,alt.usenet.kooks

ok I back four anoter tuff day on the news grupes it my job tis is waht I
do so bringit on you loosers

show-na-to-va (that is the greeting for this time of year as a JEW rendered
phonicticaly)
happy new years it means and it can be better one if Wismen Robson and SC a
few just decided to not to be as hateful

with the punce gotcha he wonders why I simple don't bother to ty impoving
my spelling do u hav anyting cognet two say?

p s dont even tink aoubt forgering my fake emale a dress

http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2684. crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 17:45:07 UTC
From: Mark@kb9rqz.aprs
Message-ID: <jne6m291k50khokeiom7eqork1goo2b572@4ax.com>
Source record: 49258
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

On Tue, 21 Nov 2006 12:39:54 -0500, "an old fiend" <Mark@kb9rqz.apsr>
wrote:

>
you are truly desperate for attention I see woger go back to
nimbusters and I wil respond to your heap of crap
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2685. WTB Bug Catcher Antenna Coil 80 meter large dia and Cap hat Large dia

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 18:53:17 UTC
From: aa8wl <aa8wl@comcast.net>
Message-ID: <1164135197.752300.40750@m73g2000cwd.googlegroups.com>
Source record: 49259

I am looking for the large 80 meter coil and large capacity hat for a bug catcher. Let me know what you have and all details, TNX 73' de aa8wl, Sam

aa8wl@comcast.net

2686. Looking for reference: modifying CB whip for lower bands

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 19:15:13 UTC
From: "Al, N1AW" <awoodhull@hampshire.edu>
Message-ID: <1164136513.019153.223950@f16g2000cwb.googlegroups.com>
Source record: 49260

Some years ago I read a magazine article on modifying a base-loaded CB magnetic mount antenna for lower bands. These antennas have a coaxial mount -- the bottom of the coil is grounded and the feed connection is made to a tap on the coil. By rewinding the loading coil (more turns of smaller wire) and properly connecting the tap you can get an antenna that is resonant and provides a good match -- as I recall, the article described doing this for bands as low as 40 meters.

I made one that worked well on 15 meters. I know it's not as efficient as a bigger antenna, but it is easy to put it on a car roof for casual operation and you can go under bridges that you'd have to detour around with a full size antenna.

Does anyone remember this, can anyone send me a reference, or, better, a photocopy of the article? It was probably in 73, it could also have been in CQ or Ham Radio. Somewhere along the way I decided I just couldn't save all my old magazines, they are all long gone mow.

73, Al, N1AW

2687. Re: Best 2M antenna for atv ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 21:05:56 UTC
From: an old fiend <Mark@kb9rqz.apsr>
Message-ID: <45635d60$0$21093$88260bb3@free.teranews.com>
Source record: 49261
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna

"James" <jnipperxxx@nospamfdn.com> wrote in message
news:Ft2dnWCL2rdBksLYnZ2dnUVZ_t6dnZ2d@comcast.com...
>
>
> I want to mount a 2 meter rig on my Honda Foreman ATV. I want a
> high-gain antenna, either a 5/8 wave or possibly a collinear. I would
> like to stay around 4 to 5 feet in length, but it is possible that a
> collinear would be longer.
>
> Any recommendations on this ? I know that an atv would not provide much
> of a ground plane, so I think a 1/4 wave would be out of the question.
>
> Any recommended "type" (wavelength, etc) and brand for this use ?
>
> Thanks for any comments !!
>
>
> 73 de Jim K4PYT
>
here my antanna inmy back yard.

http://i70.photobucket.com/albums/i97/lloyddaviessux/markysjunkyyard.jpg

--
Posted via a free Usenet account from http://www.teranews.com

2688. Re: Best 2M antenna for atv ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 21:06:53 UTC
From: an old fiend <Mark@kb9rqz.apsr>
Message-ID: <45635d94$0$21123$88260bb3@free.teranews.com>
Source record: 49262
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna

"Jim - NN7K" <NN7K@NOWAY.NET> wrote in message
news:bxs8h.13197$9v5.9803@newssvr29.news.prodigy.net...
> Try Larsen antennas, their "OM" series of mobiles
> 1/2 wavelength, are end loaded-- Ideal for fiberglass , and low amounts of
> metal. Works
> great on Broncos, and Blazers, and other
> non-metal frames! try
> http://www.radialllarsen.com/docfiles/ASB7/Pages/72.pdf
>
> Jim NN7K
>
> Jimmie D wrote:
>> "Adair Witner" <buhbear007@mail.com> wrote in message
>> news:Uu98h.5102$yE6.1492@newssvr14.news.prodigy.com...
>>> You might want to try a 1/2 antanna which does not require a ground
>>> Adair
>>> "James" <jnipperxxx@nospamfdn.com> wrote in message
>>> news:Ft2dnWCL2rdBksLYnZ2dnUVZ_t6dnZ2d@comcast.com...
>>>>
>>>> I want to mount a 2 meter rig on my Honda Foreman ATV. I want a
>>>> high-gain antenna, either a 5/8 wave or possibly a collinear. I
>>>> would
>>>> like to stay around 4 to 5 feet in length, but it is possible that a
>>>> collinear would be longer.
>>>>
>>>> Any recommendations on this ? I know that an atv would not provide
>>>> much
>>>> of a ground plane, so I think a 1/4 wave would be out of the question.
>>>>
>>>> Any recommended "type" (wavelength, etc) and brand for this use ?
>>>>
>>>> Thanks for any comments !!
>>>>
>>>>
>>>> 73 de Jim K4PYT
>>>>
>>>>
>>>
>> You are going to need something rugged if you are out in the woods. I
>> made a J antenna from a couple of old CB SS whips many years ago. I
>> drilled a block of metal with 3 holes 2 on 1 side and 1 on the other to
>> fit the threads on the antennas. The 2 holes on one side got the 3/4 wl
>> and the 1/4wl section the hole on the other side mated with a big spring

>> mount. I believe this was modeled after the Super J as seen in the ARRL
>> handbook. This antenna mounted on a VW dune buggy survived contact with
>> many overhanging branches. This antenna got out a lot better than the
>> 1/4wl antenna it replaced. I think this was mostly due to its added
>> hiegth rather than any significant increase in gain.
here my antanna in my back yard
http://i70.photobucket.com/albums/i97/lloyddaviessux/markysjunkyyard.jpg

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Posted via a free Usenet account from http://www.teranews.com

2689. Re: Best 2M antenna for atv ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 21:07:41 UTC
From: an old fiend <Mark@kb9rqz.apsr>
Message-ID: <45635dc6$0$21079$88260bb3@free.teranews.com>
Source record: 49263
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna

"Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in message
news:zcF7h.29209$nG1.18055@tornado.southeast.rr.com...
>I use a lakeview colliner at both my home qth and on my truck. It is rugged
> but a bit long.
> http://www.hamstick.com/9007.htm
> Great 2m antenna..
> Joe
>
here my antanna in my back yard
http://i70.photobucket.com/albums/i97/lloyddaviessux/markysjunkyyard.jpg

> "James" <jnipperxxx@nospamfdn.com> wrote in message
> news:Ft2dnWCL2rdBksLYnZ2dnUVZ_t6dnZ2d@comcast.com...
>>
>>
>> I want to mount a 2 meter rig on my Honda Foreman ATV. I want a
>> high-gain antenna, either a 5/8 wave or possibly a collinear. I would
>> like to stay around 4 to 5 feet in length, but it is possible that a
>> collinear would be longer.
>>
>> Any recommendations on this ? I know that an atv would not provide
>> much
>> of a ground plane, so I think a 1/4 wave would be out of the question.
>>
>> Any recommended "type" (wavelength, etc) and brand for this use ?
>>
>> Thanks for any comments !!
>>
>>
>> 73 de Jim K4PYT
>>
>>
>
>

--
Posted via a free Usenet account from http://www.teranews.com

2690. Re: Best 2M antenna for atv ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 21:08:45 UTC
From: an old fiend <Mark@kb9rqz.apsr>
Message-ID: <45635e05$0$21131$88260bb3@free.teranews.com>
Source record: 49264
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna,rec.radio.amateur.policy

"Barry OGrady" <god_free_jones@yahoo.com> wrote in message
news:d5bvl2p3f5kseggic0o8omscti408qbr33@4ax.com...
> On Sat, 18 Nov 2006 08:51:28 -0500, "James" <jnipperxxx@nospamfdn.com>
> wrote:
>
>> I want to mount a 2 meter rig on my Honda Foreman ATV. I want a
>>high-gain antenna, either a 5/8 wave or possibly a collinear. I would
>>like to stay around 4 to 5 feet in length, but it is possible that a
>>collinear would be longer.
>
> Which metre band is it for, and what are the meters used for?
>
>
>>
>>Any recommendations on this ? I know that an atv would not provide much
>>of a ground plane, so I think a 1/4 wave would be out of the question.
>>
>>Any recommended "type" (wavelength, etc) and brand for this use ?
>>
>>Thanks for any comments !!
>
> Is there amateur TV on 2 metres?
>
>>73 de Jim K4PYT
>
> dit dit dit dah dit dah dit dit good buddy.
>
hears my antanna inmy back yard
http://i70.photobucket.com/albums/i97/lloyddaviessux/markysjunkyyard.jpg

> Barry
> =====
> Home page
> http://members.iinet.net.au/~barry.og

--
Posted via a free Usenet account from http://www.teranews.com

2691. Re: Best 2M antenna for atv ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 21:09:03 UTC
From: Mark@kb9rqz.aprs
Message-ID: <imq6m29upcb7fvb294ttiodioo0ls4raes@4ax.com>
Source record: 49265
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna

On Tue, 21 Nov 2006 16:06:53 -0500, "an old fiend" <Mark@kb9rqz.apsr>
wrote:

>
>"Jim - NN7K" <NN7K@NOWAY.NET> wrote in message

>>> 1/4wl antenna it replaced. I think this was mostly due to its added
>>> hiegth rather than any significant increase in gain.
>here my antanna in my back yard
>http://i70.photobucket.com/albums/i97/lloyddaviessux/markysjunkyyard.jpg
more fraud on your part
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2692. Re: Best 2M antenna for atv ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 21:11:06 UTC
From: Mark@kb9rqz.aprs
Message-ID: <jqq6m25s15cebat7pdtlnjkps14men8l59@4ax.com>
Source record: 49266
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna

On Tue, 21 Nov 2006 16:07:41 -0500, "an old fiend" <Mark@kb9rqz.apsr>
wrote:

>
>"Merlin-7 KI4ILB" <merlin-7@sc.rr.com> wrote in message
>news:zcF7h.29209$nG1.18055@tornado.southeast.rr.com...
>>I use a lakeview colliner at both my home qth and on my truck. It is rugged
>> but a bit long.
>> http://www.hamstick.com/9007.htm
>> Great 2m antenna..
>> Joe
>>
>here my antanna in my back yard
>http://i70.photobucket.com/albums/i97/lloyddaviessux/markysjunkyyard.jpg

funny jhow you must invole Davies in your fraud somehow owger
http://kb9rqz.blogspot.com/

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Posted via a free Usenet account from http://www.teranews.com

2693. Re: Best 2M antenna for atv ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 21:12:02 UTC
From: Mark@kb9rqz.aprs
Message-ID: <6sq6m293h5q4ol7etknjts712uguijl3ls@4ax.com>
Source record: 49267
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna,rec.radio.amateur.policy

On Tue, 21 Nov 2006 16:08:45 -0500, "an old fiend" <Mark@kb9rqz.apsr>
wrote:

>
>"Barry OGrady" <god_free_jones@yahoo.com> wrote in message
>news:d5bvl2p3f5kseggic0o8omscti408qbr33@4ax.com...
>> On Sat, 18 Nov 2006 08:51:28 -0500, "James" <jnipperxxx@nospamfdn.com>
>> wrote:
>>
>>> I want to mount a 2 meter rig on my Honda Foreman ATV. I want a
>>>high-gain antenna, either a 5/8 wave or possibly a collinear. I would
>>>like to stay around 4 to 5 feet in length, but it is possible that a
>>>collinear would be longer.
>>
>> Which metre band is it for, and what are the meters used for?
>>
>>
>>>
>>>Any recommendations on this ? I know that an atv would not provide much
>>>of a ground plane, so I think a 1/4 wave would be out of the question.
>>>
>>>Any recommended "type" (wavelength, etc) and brand for this use ?
>>>
>>>Thanks for any comments !!
>>
>> Is there amateur TV on 2 metres?
>>
>>>73 de Jim K4PYT
>>
>> dit dit dit dah dit dah dit dit good buddy.
>>
>hears my antanna inmy back yard
> http://i70.photobucket.com/albums/i97/lloyddaviessux/markysjunkyyard.jpg

and you keep adding NG woger what a loser you are and jealous of myme
and my anttenas
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2694. Re: Best 2M antenna for atv ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 21:13:21 UTC
From: an old fiend <Mark@kb9rqz.apsr>
Message-ID: <45635f18$0$21185$88260bb3@free.teranews.com>
Source record: 49268
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna,rec.radio.amateur.policy

<Mark@kb9rqz.aprs> wrote in message
news:imq6m29upcb7fvb294ttiodioo0ls4raes@4ax.com...
> On Tue, 21 Nov 2006 16:06:53 -0500, "an old fiend" <Mark@kb9rqz.apsr>
> wrote:
>
>>
>>"Jim - NN7K" <NN7K@NOWAY.NET> wrote in message
>
>>>> 1/4wl antenna it replaced. I think this was mostly due to its added
>>>> hiegth rather than any significant increase in gain.
>>here my antanna in my back yard
>>http://i70.photobucket.com/albums/i97/lloyddaviessux/markysjunkyyard.jpg
> more fraud on your part
> http://kb9rqz.blogspot.com/
id cime is da teft
gte hep
http://i70.photobucket.com/albums/i97/lloyddaviessux/markysjunkyyard.jpg

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Posted via a free Usenet account from http://www.teranews.com

2695. Re: Best 2M antenna for atv ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 21:17:13 UTC
From: an old fiend <Mark@kb9rqz.apsr>
Message-ID: <45636001$0$21162$88260bb3@free.teranews.com>
Source record: 49269
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna,rec.radio.amateur.policy

<Mark@kb9rqz.aprs> wrote in message
news:6sq6m293h5q4ol7etknjts712uguijl3ls@4ax.com...
> On Tue, 21 Nov 2006 16:08:45 -0500, "an old fiend" <Mark@kb9rqz.apsr>
> wrote:
>
>>
>>"Barry OGrady" <god_free_jones@yahoo.com> wrote in message
>>news:d5bvl2p3f5kseggic0o8omscti408qbr33@4ax.com...
>>> On Sat, 18 Nov 2006 08:51:28 -0500, "James" <jnipperxxx@nospamfdn.com>
>>> wrote:
>>>
>>>> I want to mount a 2 meter rig on my Honda Foreman ATV. I want a
>>>>high-gain antenna, either a 5/8 wave or possibly a collinear. I would
>>>>like to stay around 4 to 5 feet in length, but it is possible that a
>>>>collinear would be longer.
>>>
>>> Which metre band is it for, and what are the meters used for?
>>>
>>>
>>>>Any recommendations on this ? I know that an atv would not provide
>>>>much
>>>>of a ground plane, so I think a 1/4 wave would be out of the question.
>>>>
>>>>Any recommended "type" (wavelength, etc) and brand for this use ?
>>>>
>>>>Thanks for any comments !!
>>>
>>> Is there amateur TV on 2 metres?
>>>
>>>>73 de Jim K4PYT
>>>
>>> dit dit dit dah dit dah dit dit good buddy.
>>>
>>hears my antanna inmy back yard
>> http://i70.photobucket.com/albums/i97/lloyddaviessux/markysjunkyyard.jpg
>
opppps i forget two say two ignoar all teh trash in my yard
http://i70.photobucket.com/albums/i97/lloyddaviessux/markysjunkyyard.jpg

--
Posted via a free Usenet account from http://www.teranews.com

2696. Re: Best 2M antenna for atv ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 21:20:26 UTC
From: Mark@kb9rqz.aprs
Message-ID: <0br6m216p3nfmmajcc17f7nor0rd8opfke@4ax.com>
Source record: 49270
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna,rec.radio.amateur.policy

On Tue, 21 Nov 2006 16:13:21 -0500, "an old fiend" <Mark@kb9rqz.apsr>
wrote:

>
><Mark@kb9rqz.aprs> wrote in message
>news:imq6m29upcb7fvb294ttiodioo0ls4raes@4ax.com...
>> On Tue, 21 Nov 2006 16:06:53 -0500, "an old fiend" <Mark@kb9rqz.apsr>
>> wrote:
>>
>>>
>>>"Jim - NN7K" <NN7K@NOWAY.NET> wrote in message
>>
>>>>>> 1/4wl antenna it replaced. I think this was mostly due to its added
>>>>>> hiegth rather than any significant increase in gain.
>>>here my antanna in my back yard
>>>http://i70.photobucket.com/albums/i97/lloyddaviessux/markysjunkyyard.jpg
>> more fraud on your part
>> http://kb9rqz.blogspot.com/
>id cime is da teft
>gte hep
>http://i70.photobucket.com/albums/i97/lloyddaviessux/markysjunkyyard.jpg
you poor jealous little foreger i guess your spam blog does get enough
attnetion

like I have said I will give all the attnetion I can I do wish though
youd stop sending Kiddy porn out in the mail that is evil stuff
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2697. Re: i punce in agin

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 21:25:31 UTC
From: Gav_HoJackoff@yahoo.com
Message-ID: <1164144331.295520.19340@e3g2000cwe.googlegroups.com>
Source record: 49271
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb,alt.usenet.kooks

an old fiend wrote:
> ok I back four anoter tuff day on the news grupes it my job tis is waht I
> do so bringit on you loosers
>
> show-na-to-va (that is the greeting for this time of year as a JEW rendered
> phonicticaly)
> happy new years it means and it can be better one if Wismen Robson and SC a
> few just decided to not to be as hateful
>
> with the punce gotcha he wonders why I simple don't bother to ty impoving
> my spelling do u hav anyting cognet two say?
>
> p s dont even tink aoubt forgering my fake emale a dress
>
> http://kb9rqz.blogspot.com/
>
>
>
>
> --
> Posted via a free Usenet account from http://www.teranews.com

Marqueer.............................
Get off the dam computer and get over here and service my joy stick!

2698. Re: is the best 900mhz antenna gav's cock when it is wet from marqueer's lips?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 21:29:24 UTC
From: Gav_HoJackoff@yahoo.com
Message-ID: <1164144564.199237.283000@b28g2000cwb.googlegroups.com>
Source record: 49272
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.usenet.kooks,rec.radio.cb

an old fiend wrote:
> <Mark@kb9rqz.aprs> wrote in message
> news:6sq6m293h5q4ol7etknjts712uguijl3ls@4ax.com...
> > On Tue, 21 Nov 2006 16:08:45 -0500, "an old fiend" <Mark@kb9rqz.apsr>
> > wrote:
> >
> >>
> >>"Barry OGrady" <god_free_jones@yahoo.com> wrote in message
> >>news:d5bvl2p3f5kseggic0o8omscti408qbr33@4ax.com...
> >>> On Sat, 18 Nov 2006 08:51:28 -0500, "James" <jnipperxxx@nospamfdn.com>
> >>> wrote:
> >>>
> >>>> I want to mount a 2 meter rig on my Honda Foreman ATV. I want a
> >>>>high-gain antenna, either a 5/8 wave or possibly a collinear. I would
> >>>>like to stay around 4 to 5 feet in length, but it is possible that a
> >>>>collinear would be longer.
> >>>
> >>> Which metre band is it for, and what are the meters used for?
> >>>
> >>>

Marqueer.....
Get off the dam computer and get over here and service my joy stick!
> >>>>
> >>>>Any recommendations on this ? I know that an atv would not provide
> >>>>much
> >>>>of a ground plane, so I think a 1/4 wave would be out of the question.
> >>>>
> >>>>Any recommended "type" (wavelength, etc) and brand for this use ?
> >>>>
> >>>>Thanks for any comments !!
> >>>
> >>> Is there amateur TV on 2 metres?
> >>>
> >>>>73 de Jim K4PYT
> >>>
> >>> dit dit dit dah dit dah dit dit good buddy.
> >>>
> >>>hears my antanna inmy back yard
> >> http://i70.photobucket.com/albums/i97/lloyddaviessux/markysjunkyyard.jpg
> >
> opppps i forget two say two ignoar all teh trash in my yard

> http://i70.photobucket.com/albums/i97/lloyddaviessux/markysjunkyyard.jpg
>
>
>
> --
> Posted via a free Usenet account from http://www.teranews.com

2699. crapthon contriues

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 21:29:38 UTC
From: Mark@kb9rqz.aprs
Message-ID: <9tr6m2doo6picgvj3gakln4jtrhvv9bccg@4ax.com>
Source record: 49273
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

On 21 Nov 2006 13:25:31 -0800, Gav_HoJackoff@yahoo.com wrote:

>
>an old fiend wrote:
>> ok I back four anoter tuff day on the news grupes it my job tis is waht I
>> do so bringit on you loosers
>>
>> show-na-to-va (that is the greeting for this time of year as a JEW rendered
>> phonicticaly)
>> happy new years it means and it can be better one if Wismen Robson and SC a
>> few just decided to not to be as hateful
>>
>> with the punce gotcha he wonders why I simple don't bother to ty impoving
>> my spelling do u hav anyting cognet two say?
>>
>> p s dont even tink aoubt forgering my fake emale a dress
>>
>> http://kb9rqz.blogspot.com/
>>
>>
>>
>>
>> --
>> Posted via a free Usenet account from http://www.teranews.com
>
>Marqueer.............................
>Get off the dam computer and get over here and service my joy stick!
more crude forgery

why don't you get a life
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2700. crapthon goes on and on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 21:31:40 UTC
From: Mark@kb9rqz.aprs
Message-ID: <l0s6m2hcjna1foobef4973e7tn44a1gjvk@4ax.com>
Source record: 49274
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.cb

On 21 Nov 2006 13:29:24 -0800, Gav_HoJackoff@yahoo.com wrote:

>
>an old fiend wrote:
>> <Mark@kb9rqz.aprs> wrote in message
>> news:6sq6m293h5q4ol7etknjts712uguijl3ls@4ax.com...
>> > On Tue, 21 Nov 2006 16:08:45 -0500, "an old fiend" <Mark@kb9rqz.apsr>
>> > wrote:
>> >
>> >>
>> >>"Barry OGrady" <god_free_jones@yahoo.com> wrote in message
>> >>news:d5bvl2p3f5kseggic0o8omscti408qbr33@4ax.com...
>> >>> On Sat, 18 Nov 2006 08:51:28 -0500, "James" <jnipperxxx@nospamfdn.com>
>> >>> wrote:
>> >>>
>> >>> I want to mount a 2 meter rig on my Honda Foreman ATV. I want a
>> >>> high-gain antenna, either a 5/8 wave or possibly a collinear. I would
>> >>> like to stay around 4 to 5 feet in length, but it is possible that a
>> >>> collinear would be longer.
>> >>>
>> >>> Which metre band is it for, and what are the meters used for?
>> >>>
>> >>>
>
>Marqueer.............................
>Get off the dam computer and get over here and service my joy stick!

haven't you learned that auk folks don't realy go for your shit
anymore woger
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2701. Re: i punce in agin

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 21:35:08 UTC
From: Gav_HoJackoff@yahoo.com
Message-ID: <1164144908.787979.308040@m73g2000cwd.googlegroups.com>
Source record: 49275
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb,alt.usenet.kooks

Gav_HoJackoff@yahoo.com wrote:
> an old fiend wrote:
> > ok I back four anoter tuff day on the news grupes it my job tis is waht I
> > do so bringit on you loosers
> >
> > show-na-to-va (that is the greeting for this time of year as a JEW rendered
> > phonicticaly)
> > happy new years it means and it can be better one if Wismen Robson and SC a
> > few just decided to not to be as hateful
> >
> > with the punce gotcha he wonders why I simple don't bother to ty impoving
> > my spelling do u hav anyting cognet two say?
> >
> > p s dont even tink aoubt forgering my fake emale a dress
> >
> > http://kb9rqz.blogspot.com/
> >
> >
> >
> >
> > --
> > Posted via a free Usenet account from http://www.teranews.com
>
> Marqueer.............................
> Get off the dam computer and get over here and service my joy stick!

Marqueer.............................
Get off the dam computer and get over here and service my joy stick!

2702. crapathon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 21:37:32 UTC
From: Mark@kb9rqz.aprs
Message-ID: <vbs6m2ha161hq3pgps3v8bktqd4mgup3r3@4ax.com>
Source record: 49126
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

```
On 21 Nov 2006 13:35:08 -0800, Gav_HoJackoff@yahoo.com wrote:

>
>Gav_HoJackoff@yahoo.com wrote:
>> an old fiend wrote:
>> > ok I back four anoter tuff day on the news grupes it my job tis is waht I
>> > do so bringit on you loosers
>> >
>> > show-na-to-va (that is the greeting for this time of year as a JEW rendered
>> > phonicticaly)
>> > happy new years it means and it can be better one if Wismen Robson and SC a
>> > few just decided to not to be as hateful
>> >
>> > with the punce gotcha he wonders why I simple don't bother to ty impoving
>> > my spelling do u hav anyting cognet two say?
>> >
>> > p s dont even tink aoubt forgering my fake emale a dress
>> >
>> > http://kb9rqz.blogspot.com/
>> >
>> >
>> >
>> >
>> > --
>> > Posted via a free Usenet account from http://www.teranews.com
>>
>> Marqueer.............................
>> Get off the dam computer and get over here and service my joy stick!
>
>
>
>Marqueer.............................
>Get off the dam computer and get over here and service my joy stick!
spaming yourself now woger that is sick
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com
```

2703. Re: AUKthon goes on and on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 21:54:11 UTC
From: I PUNCE <markpunce@yahoo.com>
Message-ID: <1164146051.413099.151940@f16g2000cwb.googlegroups.com>
Source record: 49127
Cross-posted to: alt.ham-radio.vhf-uhf,alt.usenet.kooks,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.cb

Mark@kb9rqz.aprs wrote:
> On 21 Nov 2006 13:29:24 -0800, Gav_HoJackoff@yahoo.com wrote:
>
> >
> >an old fiend wrote:
> >> <Mark@kb9rqz.aprs> wrote in message
> >> news:6sq6m293h5q4ol7etknjts712uguijl3ls@4ax.com...
> >> > On Tue, 21 Nov 2006 16:08:45 -0500, "an old fiend" <Mark@kb9rqz.apsr>
> >> > wrote:
> >> >
> >> >>"Barry OGrady" <god_free_jones@yahoo.com> wrote in message
> >> >>news:d5bvl2p3f5kseggic0o8omscti408qbr33@4ax.com...
> >> >>> On Sat, 18 Nov 2006 08:51:28 -0500, "James" <jnipperxxx@nospamfdn.com>
> >> >>> wrote:
> >> >>>
> >> >>>> I want to mount a 2 meter rig on my Honda Foreman ATV. I want a
> >> >>>>high-gain antenna, either a 5/8 wave or possibly a collinear. I would
> >> >>>>like to stay around 4 to 5 feet in length, but it is possible that a
> >> >>>>collinear would be longer.
> >> >>>
> >> >>> Which metre band is it for, and what are the meters used for?
> >> >>>
> >> >>>
> >> >
> >> >Marqueer.............................
> >> >Get off the dam computer and get over here and service my joy stick!
> >>
> >> haven't you learned that auk folks don't realy go for your shit
> >> anymore woger
> >> http://kb9rqz.blogspot.com/
> >>
> >> --
> >> Posted via a free Usenet account from http://www.teranews.com
>
> I PUNCE

2704. Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 21:57:46 UTC
From: "C. J. Clegg" <reply.in.group@nospam.no>
Message-ID: <pan.2006.11.21.21.57.45.452725@nospam.no>
Source record: 49128

I have a need to design and erect a single antenna that covers a number of government frequencies from around 4 MHz to around 9 MHz. It needs to cover a radius of around 300 miles, give or take, and so an NVIS installation seems indicated. It cannot use any sort of antenna tuner and must be fed with a single coax of 50 or 75 ohms. The frequencies to be used are scattered here and there within the 4 to 9 MHz range and so I can't just put up a trap dipole or multiple-legged dipole with legs cut for different frequencies (well, I probably could, but it would be impractical).

I've been looking at the T2FD (tilted terminated folded dipole) design or some variation thereof. I realize that these antennas are a compromise at best, and suffer from varying degrees of inefficiency at various frequencies within their design range. However, it seems they are the only antennas I can find (so far, at least) that claim to cover the desired frequency range with a single coax feedline and no tuner.

I don't need 3 to 30 and so I'm not inclined to spend $200+ on the B&W variant.

I think I have ample space and trees located at reasonable endpoints to put up a model that's at least 150 feet long, perhaps longer. On the other hand, if shorter is just as good given the desired frequency range, that will be easier to do.

Every indication I've found on the web seems to say that 75-ohm coax, a 4:1 balun, and a 390-ohm noninductive terminating resistor will give a reasonable match across the design range of the antenna.

So, my questions are...

1. How do I determine the overall antenna length that will give me the most efficient (which is to say, the least inefficient) performance across the 4 to 9 MHz range?

2. How do I determine the minimum power rating for the terminating resistor for an antenna that will be driven by 100 watts maximum?

3. Where can I buy a few noninductive terminating resistors that meet the power rating determined in (2)?

4. I would rather feed it with 50 ohm than 75 ohm, since I think the transmitter would be happier with that, and I'm told that for best results I should use as much as a 10:1 balun for that, and a 470-ohm terminating resistor. Would I be better off doing that? Where can I buy a 10:1 (or other oddball ratio) balun?

5. Are there other antenna types I should consider? A discone might work over the frequency range but it's vertically polarized with a relatively low radiation angle so I suspect it isn't much good for NVIS. Anything else?

Thanks...

2705. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 22:19:44 UTC
From: Wayne <mygarbagecan@verizon.net>
Message-ID: <4YK8h.5774$Uz.2448@trnddc05>
Source record: 49129

"C. J. Clegg" <reply.in.group@nospam.no> wrote in message
news:pan.2006.11.21.21.57.45.452725@nospam.no...
>
> I have a need to design and erect a single antenna that covers a number of
> government frequencies from around 4 MHz to around 9 MHz. It needs to
> cover a radius of around 300 miles, give or take, and so an NVIS
> installation seems indicated. It cannot use any sort of antenna tuner and
> must be fed with a single coax of 50 or 75 ohms. The frequencies to be
> used are scattered here and there within the 4 to 9 MHz range and so I
> can't just put up a trap dipole or multiple-legged dipole with legs cut
> for different frequencies (well, I probably could, but it would be
> impractical).
>
> I've been looking at the T2FD (tilted terminated folded dipole) design or
> some variation thereof. I realize that these antennas are a compromise at
> best, and suffer from varying degrees of inefficiency at various
> frequencies within their design range. However, it seems they are the
> only antennas I can find (so far, at least) that claim to cover the
> desired frequency range with a single coax feedline and no tuner.
>
> I don't need 3 to 30 and so I'm not inclined to spend $200+ on the B&W
> variant.
>
> I think I have ample space and trees located at reasonable endpoints to
> put up a model that's at least 150 feet long, perhaps longer. On the
> other hand, if shorter is just as good given the desired frequency range,
> that will be easier to do.
>
> Every indication I've found on the web seems to say that 75-ohm coax, a
> 4:1 balun, and a 390-ohm noninductive terminating resistor will give a
> reasonable match across the design range of the antenna.
>
> So, my questions are...
>
> 1. How do I determine the overall antenna length that will give me the
> most efficient (which is to say, the least inefficient) performance across
> the 4 to 9 MHz range?
>
> 2. How do I determine the minimum power rating for the terminating
> resistor for an antenna that will be driven by 100 watts maximum?
>
> 3. Where can I buy a few noninductive terminating resistors that meet the
> power rating determined in (2)?
>

> 4. I would rather feed it with 50 ohm than 75 ohm, since I think the
> transmitter would be happier with that, and I'm told that for best results
> I should use as much as a 10:1 balun for that, and a 470-ohm terminating
> resistor. Would I be better off doing that? Where can I buy a 10:1 (or
> other oddball ratio) balun?
>
> 5. Are there other antenna types I should consider? A discone might work
> over the frequency range but it's vertically polarized with a relatively
> low radiation angle so I suspect it isn't much good for NVIS. Anything
> else?
>
> Thanks...
>

I don't have the technical data you ask about, but I do have experience in installing systems such as you describe. We simply used the commercially available B&W broadband loaded dipole. Our customer typically ran 1KW into the antenna, and was very happy with the price/performance. In spite of the negatives often cited about the antenna, it is a very effective compromise for some situations.

The other type of antenna we used was an open wire fed dipole with a rather hefty remote antenna tuner. It's performance was better than the B&W, but our customer preferred the B&W for reasons of cost and ease of installation.

2706. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 22:23:02 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <XLednXdcZZnZ4f7YnZ2dnUVZ_h6dnZ2d@comcast.com>
Source record: 49130

A wire based Log Periodic?

Wayne wrote:
> "C. J. Clegg" <reply.in.group@nospam.no> wrote in message
> news:pan.2006.11.21.21.57.45.452725@nospam.no...
>
>>I have a need to design and erect a single antenna that covers a number of
>>government frequencies from around 4 MHz to around 9 MHz. It needs to
>>cover a radius of around 300 miles, give or take, and so an NVIS
>>installation seems indicated. It cannot use any sort of antenna tuner and
>>must be fed with a single coax of 50 or 75 ohms. The frequencies to be
>>used are scattered here and there within the 4 to 9 MHz range and so I
>>can't just put up a trap dipole or multiple-legged dipole with legs cut
>>for different frequencies (well, I probably could, but it would be
>>impractical).
>>
>>I've been looking at the T2FD (tilted terminated folded dipole) design or
>>some variation thereof. I realize that these antennas are a compromise at
>>best, and suffer from varying degrees of inefficiency at various
>>frequencies within their design range. However, it seems they are the
>>only antennas I can find (so far, at least) that claim to cover the
>>desired frequency range with a single coax feedline and no tuner.
>>
>>I don't need 3 to 30 and so I'm not inclined to spend $200+ on the B&W
>>variant.
>>
>>I think I have ample space and trees located at reasonable endpoints to
>>put up a model that's at least 150 feet long, perhaps longer. On the
>>other hand, if shorter is just as good given the desired frequency range,
>>that will be easier to do.
>>
>>Every indication I've found on the web seems to say that 75-ohm coax, a
>>4:1 balun, and a 390-ohm noninductive terminating resistor will give a
>>reasonable match across the design range of the antenna.
>>
>>So, my questions are...
>>
>>1. How do I determine the overall antenna length that will give me the
>>most efficient (which is to say, the least inefficient) performance across
>>the 4 to 9 MHz range?
>>
>>2. How do I determine the minimum power rating for the terminating
>>resistor for an antenna that will be driven by 100 watts maximum?
>>

>>3. Where can I buy a few noninductive terminating resistors that meet the
>>power rating determined in (2)?
>>
>>4. I would rather feed it with 50 ohm than 75 ohm, since I think the
>>transmitter would be happier with that, and I'm told that for best results
>>I should use as much as a 10:1 balun for that, and a 470-ohm terminating
>>resistor. Would I be better off doing that? Where can I buy a 10:1 (or
>>other oddball ratio) balun?
>>
>>5. Are there other antenna types I should consider? A discone might work
>>over the frequency range but it's vertically polarized with a relatively
>>low radiation angle so I suspect it isn't much good for NVIS. Anything
>>else?
>>
>>Thanks...
>>
>
> I don't have the technical data you ask about, but I do have experience in
> installing systems such as you describe. We simply used the commercially
> available B&W broadband loaded dipole. Our customer typically ran 1KW into
> the antenna, and was very happy with the price/performance. In spite of the
> negatives often cited about the antenna, it is a very effective compromise
> for some situations.
>
> The other type of antenna we used was an open wire fed dipole with a rather
> hefty remote antenna tuner. It's performance was better than the B&W, but
> our customer preferred the B&W for reasons of cost and ease of installation.
>
>
>

2707. Re: Looking for reference: modifying CB whip for lower bands

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 22:25:45 UTC
From: Eskay <siebklaasNO@SPAMhotmail.com>
Message-ID: <phfl97hydlv1.1cy3fzlwkaz5n.dlg@40tude.net>
Source record: 49131

On 21 Nov 2006 11:15:13 -0800, Al, N1AW wrote:

> Some years ago I read a magazine article on modifying a base-loaded CB
> magnetic mount antenna for lower bands. These antennas have a coaxial
> mount -- the bottom of the coil is grounded and the feed connection is
> made to a tap on the coil. By rewinding the loading coil (more turns of
> smaller wire) and properly connecting the tap you can get an antenna
> that is resonant and provides a good match -- as I recall, the article
> described doing this for bands as low as 40 meters.
>
> I made one that worked well on 15 meters. I know it's not as efficient
> as a bigger antenna, but it is easy to put it on a car roof for casual
> operation and you can go under bridges that you'd have to detour around
> with a full size antenna.
>
> Does anyone remember this, can anyone send me a reference, or, better,
> a photocopy of the article? It was probably in 73, it could also have
> been in CQ or Ham Radio. Somewhere along the way I decided I just
> couldn't save all my old magazines, they are all long gone mow.
>
> 73, Al, N1AW

Is this for a mobile antenna?
VE3JUA

2708. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 22:30:49 UTC
From: "C. J. Clegg" <reply.in.group@nospam.no>
Message-ID: <pan.2006.11.21.22.30.48.656094@nospam.no>
Source record: 49132

On Tue, 21 Nov 2006 22:19:44 +0000, Wayne wrote:

> I don't have the technical data you ask about, but I do have experience in
> installing systems such as you describe. We simply used the commercially
> available B&W broadband loaded dipole.

Good afternoon, Wayne.

That's certainly an option, but as I said I would rather not spend $200+ unnecessarily, especially since I already have all of the necessary materials except for the terminating resistor.

Anyway, the BWD-65's lower end is 4 MHz, and some of what I've read about T2FD antennas seems to indicate that near the low end is where efficiency is worst (inside of the design range ... outside of the design range it is MUCH worse).

I suppose I could use the BWD-90 but I have a hard time understanding how they get all the way from 1.8 to 30 ... that seems very, very wide even for a T2FD antenna (I suppose it's a moot point, though... I'm sure it will get to my upper limit of 9 MHz nicely).

As an aside, I see from the latest HRO catalog that the BWD-20, BWD-45, and BWD-65 are all $220 and the larger / longer BWD-90 is only $200. Why do you all suppose the bigger one is cheaper than all of the smaller ones?

2709. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 22:33:54 UTC
From: "C. J. Clegg" <reply.in.group@nospam.no>
Message-ID: <pan.2006.11.21.22.33.54.864492@nospam.no>
Source record: 49133

On Tue, 21 Nov 2006 22:19:44 +0000, Wayne wrote:

> We simply used the commercially available B&W broadband loaded dipole.
> Our customer typically ran 1KW into the antenna, and was very happy with
> the price/performance. In spite of the negatives often cited about the
> antenna, it is a very effective compromise for some situations.

The other reason I don't necessarily want to use the B&W is that with a
little freedom of design parameters and my limited frequency range of
interest (don't need 1.8 to 30 or even 4 to 30, just need 4 to 9), I was
hoping I could adjust the design characteristics to minimize the
inefficiency and mitigate the negatives.

2710. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 22:39:53 UTC
From: "C. J. Clegg" <reply.in.group@nospam.no>
Message-ID: <pan.2006.11.21.22.39.52.667418@nospam.no>
Source record: 49134

On Tue, 21 Nov 2006 17:23:02 -0500, Dave wrote:

> A wire based Log Periodic?

Good evening, Dave.

I guess I forgot to mention ... this antenna needs to be omnidirectional
or nearly so. Anyway it needs to be NVIS and I suspect a log periodic
wouldn't work well in that configuration.

2711. crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 22:46:28 UTC
From: Mark@kb9rqz.aprs
Message-ID: <dd07m25573evv4l3bj7o898tdq37gkvo2e@4ax.com>
Source record: 49135
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.cb

```
On 21 Nov 2006 13:54:11 -0800, "I PUNCE" <markpunce@yahoo.com> wrote:

>
>Mark@kb9rqz.aprs wrote:
>> On 21 Nov 2006 13:29:24 -0800, Gav_HoJackoff@yahoo.com wrote:
>>
>> >
>> >an old fiend wrote:
>> >> <Mark@kb9rqz.aprs> wrote in message
>> >> news:6sq6m293h5q4ol7etknjts712uguijl3ls@4ax.com...
>> >> > On Tue, 21 Nov 2006 16:08:45 -0500, "an old fiend" <Mark@kb9rqz.apsr>
>> >> > wrote:
>> >> >
>> >> >>"Barry OGrady" <god_free_jones@yahoo.com> wrote in message
>> >> >>news:d5bvl2p3f5kseggic0o8omscti408qbr33@4ax.com...
>> >> >>> On Sat, 18 Nov 2006 08:51:28 -0500, "James" <jnipperxxx@nospamfdn.com>
>> >> >>> wrote:
>> >> >>>
>> >> >>>> I want to mount a 2 meter rig on my Honda Foreman ATV. I want a
>> >> >>>>high-gain antenna, either a 5/8 wave or possibly a collinear. I would
>> >> >>>>like to stay around 4 to 5 feet in length, but it is possible that a
>> >> >>>>collinear would be longer.
>> >> >>>
>> >> >>> Which metre band is it for, and what are the meters used for?
>> >> >>>
>> >> >>>
>> >
>> >Marqueer.............................
>> >Get off the dam computer and get over here and service my joy stick!
>>
>> haven't you learned that auk folks don't realy go for your shit
>> anymore woger
>> http://kb9rqz.blogspot.com/
>>
>> --
>> Posted via a free Usenet account from http://www.teranews.com
>
>I PUNCE
```

crapthon goes on
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2712. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-21 23:24:59 UTC
From: dplatt@radagast.org
Message-ID: <12m72mbfsukll2f@corp.supernews.com>
Source record: 49136

In article <pan.2006.11.21.22.33.54.864492@nospam.no>,
C. J. Clegg <reply.in.group@nospam.no> wrote:

>So, my questions are...

Take my answers as best-guesstimates, please, rather than as gospel!

>1. How do I determine the overall antenna length that will give me the
>most efficient (which is to say, the least inefficient) performance across
>the 4 to 9 MHz range?

A range greater than 2:1 means that you're almost certainly going to run into at least one operating frequency at which the antenna itself is an extremely difficult load (very low, very high, and/or very reactive) and that most of your power is going to end up in the terminating resistor.

One way to evaluate different lengths would be to model out such an antenna using NEC2/NEC4 or the like. Vary the antenna-length-to-operating-frequency-wavelength ratio, and evaluate the amount of power radiated vs. the amount of power dissipated in the termination resistance at each. Then, given the specific frequencies at which you actually want to spend most of your time operating, figure out which length gives you the best overall efficiency for your own operating conditions.

At a guess - and it's just a guess - I think you might get reasonably satisfactory results by choosing a length which would give you a folded dipole that's resonant right in the middle of your 4-to-9 range, or perhaps a bit longer than that. You'd avoid the "too short to load up efficiently" problem at 4 MHz, as well as the "a full wavelength long, and thus presenting a high feedpoint Z" problem at 9 MHz.

>2. How do I determine the minimum power rating for the terminating
>resistor for an antenna that will be driven by 100 watts maximum?

Ummm... I'd say that you'd need a resistor capable of dissipating 100 watts, continuous, when used under ambient-free-air conditions in the highest operating temperature you'll encounter. I'd probably de-rate it by at least 50% (200 watt resistor) just to be sure, especially if you're going to be operating RTTY or any other high-duty-cycle mode.

One of the unfortunate things about a T2FD is that there are going to be frequencies where most of your power warms up the feet of the birds perching on the termination resistor :-(

>3. Where can I buy a few noninductive terminating resistors that meet the
>power rating determined in (2)?

You could probably stick a bunch of Caddock MP9100 power film
resistors, wired in series, on a chunk of aluminum heatsink and make
it work OK. Caddock sells direct, I believe, and if I recall
correctly Mouser carries many of their parts.

You might ask B&W if they'd be willing to sell a "replacement" for
their termination resistor assembly.

--
Dave Platt <dplatt@radagast.org> AE6EO
Hosting the Jade Warrior home page: http://www.radagast.org/jade-warrior
I do _not_ wish to receive unsolicited commercial email, and I will
boycott any company which has the gall to send me such ads!

2713. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 00:13:48 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <0DM8h.8883$6t.8690@newssvr11.news.prodigy.com>
Source record: 49137

C. J. Clegg wrote:
> It cannot use any sort of antenna tuner and
> must be fed with a single coax of 50 or 75 ohms.

Why not an autotuner at the antenna feedpoint?
--
73, Cecil http://www.w5dxp.com

2714. Re: glass mount antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 00:23:55 UTC
From: sapper <billvet6@excite.com>
Message-ID: <1164155035.419974.208530@m73g2000cwd.googlegroups.com>
Source record: 49138

w9gb wrote:
> "sapper" <billvet6@excite.com> wrote in message
> news:1164107507.101501.251980@f16g2000cwb.googlegroups.com...
> > Any suggestions on removing a glass mount antenna?
> > Buying that thing was throwing money away.Thanks, Bill KC9IRR
> >
>
> I can only assume that you purchased a cheap Far East import / clone part.
> Putty knife.
>
> Consumer amateur doesn't know that there is difference -- PCTEL, like many
> mfg. is slowly eliminating antennas below 440 MHz -- in favor of 800 MHz and
> higher.
>
> gb

Thanks for the replies. I am sure you are right. MJF-1738
Bill

2715. Happy turkey day you no-code turkeys.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 00:31:39 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <LTM8h.1811$sf5.868@newsread4.news.pas.earthlink.net>
Source record: 49139
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

and Happy Thanksgiving Pro-Coders.

SC

2716. Re: I'm like Moses.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 00:31:42 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <OTM8h.1813$sf5.1695@newsread4.news.pas.earthlink.net>
Source record: 49140
Cross-posted to: alt.radio.swap,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy

hot-ham-and-cheese@hotmail.com wrote in
news:1164154907.738553.118970@h54g2000cwb.googlegroups.com:

>
> N2EY@AOL.COM wrote:
>> Slow Code wrote:
>>
>> > It's found in First Hiram Chapter 2, verse 73:
>> >
>> > "and Slow Code, servant of the Lord, smote the Lids with his
>> > cattle prod and the Lids were healed. All that saw were
>> > amazed and fell to the floor and gave thanks to Slow Code
>> > and the bands were made clean that day, and many CB'ers were
>> > also converted. And they began preaching and speaking in CW"
>> >
>> Now we know what Len has been doing.....
>
> Jim, I thought you were Snow Code....

Jim couldn't be me, he hasn't the backbone to support what's right. You
and him will be the first ones complaining how bad the operators on the
bands are after code is eliminated, and I won't be able to laugh about it
because it will affect me too.

SC

2717. crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 00:35:30 UTC
From: Mark@kb9rqz.aprs
Message-ID: <7q67m2dvv225sm5gvhlsat6036vt4jgv1e@4ax.com>
Source record: 49141
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

On Wed, 22 Nov 2006 00:31:39 GMT, Slow Code <my.mail@no.spam> wrote:

>
>and Happy Thanksgiving Pro-Coders.
>
>SC
crapthon goes on
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2718. crapthon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 00:42:00 UTC
From: Mark@kb9rqz.aprs
Message-ID: <7677m2p7bsccq2g2bkqmadmdjnnps7dh66@4ax.com>
Source record: 49142
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy

On Wed, 22 Nov 2006 00:31:42 GMT, Slow Code <my.mail@no.spam> wrote:

>hot-ham-and-cheese@hotmail.com wrote in
>news:1164154907.738553.118970@h54g2000cwb.googlegroups.com:
>
>>
>> N2EY@AOL.COM wrote:
>>> Slow Code wrote:
>>>
>>> > It's found in First Hiram Chapter 2, verse 73:
>>> >
>>> > "and Slow Code, servant of the Lord, smote the Lids with his
>>> > cattle prod and the Lids were healed. All that saw were
>>> > amazed and fell to the floor and gave thanks to Slow Code
>>> > and the bands were made clean that day, and many CB'ers were
>>> > also converted. And they began preaching and speaking in CW"
>>> >
>>> Now we know what Len has been doing.....
>>
>> Jim, I thought you were Snow Code....
>
>
>Jim couldn't be me, he hasn't the backbone to support what's right.

sure he could
> You
>and him will be the first ones complaining how bad the operators on the
>bands are after code is eliminated, and I won't be able to laugh about it
>because it will affect me too.

nah Jim and you might
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2719. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 00:49:00 UTC
From: "C. J. Clegg" <reply.in.group@nospam.no>
Message-ID: <pan.2006.11.22.00.49.00.529379@nospam.no>
Source record: 49143

On Wed, 22 Nov 2006 00:13:48 +0000, Cecil Moore wrote:

> Why not an autotuner at the antenna feedpoint?

Too much money.

Anyway, eventually (not right away) this antenna is going to be used in an ALE network and I rather doubt that autotuners work very well in that kind of an environment.

2720. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 01:01:56 UTC
From: Dave Oldridge <doldridg@leavethisoutshaw.ca>
Message-ID: <Xns9882AD42559CEdoldridgsprintca@64.59.135.159>
Source record: 49144

Dave <W1MCE@comcast.net> wrote in
news:XLednXdcZZnZ4f7YnZ2dnUVZ_h6dnZ2d@comcast.com:

> A wire based Log Periodic?

Not too useful unless you need the directivity as well.

The loaded folded dipole idea is actually quite efficient if you stay above
the "knee" frequency. This is about .5 wave at the lowest frequency.

--
Dave Oldridge+
ICQ 1800667

2721. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 01:05:19 UTC
From: Dave Oldridge <doldridg@leavethisoutshaw.ca>
Message-ID: <Xns9882ADD4CF558doldridgsprintca@64.59.135.159>
Source record: 49145

"C. J. Clegg" <reply.in.group@nospam.no> wrote in
news:pan.2006.11.22.00.49.00.529379@nospam.no:

> On Wed, 22 Nov 2006 00:13:48 +0000, Cecil Moore wrote:
>
>> Why not an autotuner at the antenna feedpoint?
>
> Too much money.
>
> Anyway, eventually (not right away) this antenna is going to be used
> in an ALE network and I rather doubt that autotuners work very well in
> that kind of an environment.

Anything over about 90 feet should work. 125 would be just about perfect.
And no, they DON'T have bad spots....usually they stay under 2 to 1 across
a fairly wide band and efficiency stays good above the knee frequency.

Model it, if you want exact performance figures.

--
Dave Oldridge+
ICQ 1800667

2722. Re: glass mount antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 01:21:30 UTC
From: Chuck James <c456james@sbcglobal.net>
Message-ID: <uCN8h.13377$9v5.4585@newssvr29.news.prodigy.net>
Source record: 49146

I used a wood chisel as a prying tool. Just slip it under the edge, and pry
a little bit. As it starts to come loose, just keep sliding it further
under the mount.
"sapper" <billvet6@excite.com> wrote in message
news:1164107507.101501.251980@f16g2000cwb.googlegroups.com...
> Any suggestions on removing a glass mount antenna?
> Buying that thing was throwing money away.Thanks, Bill KC9IRR
>

2723. Re: AUKthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 01:46:41 UTC
From: an_old_friend <kb9rqz69@hotmail.com>
Message-ID: <1164160001.310177.220400@m7g2000cwm.googlegroups.com>
Source record: 49147
Cross-posted to: alt.ham-radio.vhf-uhf,alt.usenet.kooks,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.cb

Mark@kb9rqz.aprs wrote:
> On 21 Nov 2006 13:54:11 -0800, "I PUNCE" <markpunce@yahoo.com> wrote:
>
> >
> >Mark@kb9rqz.aprs wrote:
> >> On 21 Nov 2006 13:29:24 -0800, Gav_HoJackoff@yahoo.com wrote:
> >>
> >> >
> >> >an old fiend wrote:
> >> >> <Mark@kb9rqz.aprs> wrote in message
> >> >> news:6sq6m293h5q4ol7etknjts712uguijl3ls@4ax.com...
> >> >> > On Tue, 21 Nov 2006 16:08:45 -0500, "an old fiend" <Mark@kb9rqz.apsr>
> >> >> > wrote:
> >> >> >
> >> >> >>"Barry OGrady" <god_free_jones@yahoo.com> wrote in message
> >> >> >>news:d5bvl2p3f5kseggic0o8omscti408qbr33@4ax.com...
> >> >> >>> On Sat, 18 Nov 2006 08:51:28 -0500, "James" <jnipperxxx@nospamfdn.com>
> >> >> >>> wrote:
> >> >> >>>
> >> >> >>>> I want to mount a 2 meter rig on my Honda Foreman ATV. I want a
> >> >> >>>>high-gain antenna, either a 5/8 wave or possibly a collinear. I would
> >> >> >>>>like to stay around 4 to 5 feet in length, but it is possible that a
> >> >> >>>>collinear would be longer.
> >> >> >>>
> >> >> >>> Which metre band is it for, and what are the meters used for?
> >> >> >>>
> >> >> >>>
> >> >> >
> >> >> >Marqueer.....
> >> >> >Get off the dam computer and get over here and service my joy stick!
> >> >>
> >> >> haven't you learned that auk folks don't realy go for your shit
> >> >> anymore woger
> >> >> http://kb9rqz.blogspot.com/
> >> >>
> >> >> --
> >> >> Posted via a free Usenet account from http://www.teranews.com
> >> >
> >> >I PUNCE
> >>
> > crapthon goes on
> > http://kb9rqz.blogspot.com/

>
> --
> Posted via a free Usenet account from http://www.teranews.com

i watn my gav two fukc eris

2724. Re: Happy turkey day you no-code turkeys.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 01:49:21 UTC
From: an_old_friend <kb9rqz69@hotmail.com>
Message-ID: <1164160161.390468.177910@f16g2000cwb.googlegroups.com>
Source record: 49148
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

Slow Code wrote:
> and Happy Thanksgiving Pro-Coders.
>
> SC

soew coed,
gav hsa a biggest dikc than you

2725. Re: glass mount antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 01:50:51 UTC
From: Jim - NN7K <NN7K@NOWAY.NET>
Message-ID: <%1O8h.17700$B31.1394@newssvr27.news.prodigy.net>
Source record: 49149

Tried WD-40 ?? It isn't just a lubricant,
but also does wonders as a SOLVENT ! great for
removeing glues, and other cruds stuck on items
(not just metals)! may have to get a small area
loosened, then spray it with WD-40, and let it
set. Give it a couple hours, peal and then
reapply to any areas still sticking! Also works
on Bumper Stickers, and sticky decals on former
company vehicles! Good Luck. Jim NN7K

Chuck James wrote:
> I used a wood chisel as a prying tool. Just slip it under the edge, and pry
> a little bit. As it starts to come loose, just keep sliding it further
> under the mount.
> "sapper" <billvet6@excite.com> wrote in message
> news:1164107507.101501.251980@f16g2000cwb.googlegroups.com...
>> Any suggestions on removing a glass mount antenna?
>> Buying that thing was throwing money away.Thanks, Bill KC9IRR
>>
>
>

2726. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 02:05:48 UTC
From: Spencer <spencer313@yahoo.com>
Message-ID: <1164161147.808480.218900@h48g2000cwc.googlegroups.com>
Source record: 49150

I may be able to help. Drop me a line at info@antennasys.com...

-Spencer

C. J. Clegg wrote:
> I have a need to design and erect a single antenna that covers a number of
> government frequencies from around 4 MHz to around 9 MHz. It needs to
> cover a radius of around 300 miles, give or take, and so an NVIS
> installation seems indicated. It cannot use any sort of antenna tuner and
> must be fed with a single coax of 50 or 75 ohms. The frequencies to be
> used are scattered here and there within the 4 to 9 MHz range and so I
> can't just put up a trap dipole or multiple-legged dipole with legs cut
> for different frequencies (well, I probably could, but it would be
> impractical).
>
> I've been looking at the T2FD (tilted terminated folded dipole) design or
> some variation thereof. I realize that these antennas are a compromise at
> best, and suffer from varying degrees of inefficiency at various
> frequencies within their design range. However, it seems they are the
> only antennas I can find (so far, at least) that claim to cover the
> desired frequency range with a single coax feedline and no tuner.
>
> I don't need 3 to 30 and so I'm not inclined to spend $200+ on the B&W
> variant.
>
> I think I have ample space and trees located at reasonable endpoints to
> put up a model that's at least 150 feet long, perhaps longer. On the
> other hand, if shorter is just as good given the desired frequency range,
> that will be easier to do.
>
> Every indication I've found on the web seems to say that 75-ohm coax, a
> 4:1 balun, and a 390-ohm noninductive terminating resistor will give a
> reasonable match across the design range of the antenna.
>
> So, my questions are...
>
> 1. How do I determine the overall antenna length that will give me the
> most efficient (which is to say, the least inefficient) performance across
> the 4 to 9 MHz range?
>
> 2. How do I determine the minimum power rating for the terminating
> resistor for an antenna that will be driven by 100 watts maximum?
>
> 3. Where can I buy a few noninductive terminating resistors that meet the
> power rating determined in (2)?

>
> 4. I would rather feed it with 50 ohm than 75 ohm, since I think the
> transmitter would be happier with that, and I'm told that for best results
> I should use as much as a 10:1 balun for that, and a 470-ohm terminating
> resistor. Would I be better off doing that? Where can I buy a 10:1 (or
> other oddball ratio) balun?
>
> 5. Are there other antenna types I should consider? A discone might work
> over the frequency range but it's vertically polarized with a relatively
> low radiation angle so I suspect it isn't much good for NVIS. Anything
> else?
>
> Thanks...

2727. Re: rf bandpass filters 2.4GHz

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 03:23:34 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <CkP8h.15155$K9.5916@bignews4.bellsouth.net>
Source record: 49151
Cross-posted to: sci.electronics.design,rec.radio.amateur.antenna,rec.radio.amateur.equipment,sci.electronics.misc

<kevin.pavin@gmail.com> wrote in message
news:1163659473.135906.202910@b28g2000cwb.googlegroups.com...
> Hi all,
>
> I am transmitting in channel 3 of 802.11b, centered at 2.422Ghz.
> Details aside, let me just say that it is very important for my
> application that I sharpen up the spectral mask beyond that of the
> 802.11b standard. To be specific I need to purchase a bandpass filter
> such that I get attenation of greater than 60dB at +- 15Mhz from the
> center, i..e outside of [2.407Ghz, 2.437Ghz]. I am looking for
> suggestions on where to purchase such filter(s) with the usual
> parameters in mind, cost, lead time, etc.
>
> I did see the filters that hyperlink sells, but it would take many of
> their 8 pole filters in series to get what I need and they additionally
> don't sell filters for one of the channels i would need. Maybe I need
> to go custom on this? Any suggestions are greatly appreciated.
> Thanks,
>
> Kevin
>
Perhaps you could get one of the hyperlink models and modify it.

2728. Re: Happy turkey day you no-code turkeys.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 03:29:49 UTC
From: Joe Bloe <abaslon@comcast.net>
Message-ID: <usg7m2dpptlqm40a033mgt187fh23u4gb3@4ax.com>
Source record: 49152

Dito. . . Oh yea, are you a "Daa" or just simply a "Dit"?

On Wed, 22 Nov 2006 00:31:39 GMT, Slow Code <my.mail@no.spam> wrote:

>
>and Happy Thanksgiving Pro-Coders.
>
>SC

2729. Re: Coffee grounds and cookie crumbs make good teaching aids.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 03:51:14 UTC
From: Joe Bloe <abaslon@comcast.net>
Message-ID: <m5h7m2df7jluj33hm22n9hosvs3205mtug@4ax.com>
Source record: 49153

You are just SOOOOO jealous that I got MY license WITHOUT having to learn how to beat on a railroad track with a rock. That's where it came from ya know. . . A 12 year old kid communicating with his buddies by smacking a railroad track with a lousy rock. Then to imagine you grown up sorts make so much to-do about it two hundred years later! Gees buddy, let it die! And "NO' you are not cute, clever or noble, by trying to defend it, or by being insultive in the process.

Other than "Going to Church on Sunday", can you tell me just one single thing that you insist upon so strongly we do nowadays, that people did two hundred years ago? Something that you insist upon as much you do with your affliction of having to learn something which one will NEVER use? Or is it just your thrill of getting an ill achieved erection by making somebody do something they don't care for, just to get something else entirely different that what they want? You sick pup! You should be ashamed of yourself!

KD7YMR
(And no "73s To You" for that childish outburst!)

On Sun, 19 Nov 2006 00:25:27 GMT, Slow Code <my.mail@no.spam> wrote:

>Old Time Ham <old_fart@curmudgeons.com> wrote in
>news:b8WdnTlOHKD1h8LYnZ2dnUVZ_uGdnZ2d@comcast.com:
>
>> Slow Code wrote:
>>
>>>
>>> Hey man, thanks for the great idea! :)
>>>
>>> I can hook ladder line to my cattle prod and clear out a whole row of
>>> no-coders in one shot. Empty seats for all 20wpm code tested Extra's
>>> in seconds.
>>>
>>> You know, sometimes you're a smart little piss-ant. Not often, but
>>> sometimes. How's your CW practice coming along?
>>>
>>> SC
>>
>> I like this thinking. Since I have both a 20WPM Extra AND a 2nd Class
>> Commercial Radiotelegraph, I would expect the no-coders to bring me food
>> and drink, as well.
>
>

>Good point, Yes, very good point.
>
>No-coders must go to the end of the line for refreshments at meetings.
>Code hams must be served first and should take more treats than they want
>and need. When all the code hams are served and there is nothing left,
>no-codes get the left-over Coffee grounds and Cookie crumbs. This will
>teach no-codes that by working harder to be better hams, they will not
>only get more radio spectrum, they'll also get treats at club meetings and
>won't have to sit on the floor with an empty stomach.
>
>No-codes can still dig their treats out of garbage cans and toilet bowls
>if they wish, but they'll have to share them with any CB'ers that might
>also be at the meeting.
>
>SC

2730. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 03:56:08 UTC
From: Joe Bloe <abaslon@comcast.net>
Message-ID: <oei7m2hhbvm46q3qmkkfl4k7ui4tdtqei9@4ax.com>
Source record: 49154

```
On Tue, 21 Nov 2006 00:54:50 GMT, Slow Code <my.mail@no.spam> wrote:

>"U-Know-Who" <no-one@nowhere.com> wrote in
>news:5lO7h.283$_H5.256@tornado.texas.rr.com:
>
>>
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:1wN7h.626$sf5.622@newsread4.news.pas.earthlink.net...
>>> jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote in
>>> news:ej8knc$kn5$1@news.hawaii.edu:
>>>
>>>> John Smith <assemblywizard@gmail.com> wrote:
>>>>>Idiot, check your spelling, it's "group troll."
>>>>
>>>> Well, let's see if he ment "poll" or "troll":
>>>>
>>>>
>>>> 0 2 4 6 8 10
>>>> /
>>>> /
>>>> /
>>>> /
>>>> /
>>>> /
>>>> /
>>>> /
>>>> POLL-O-METER
>>>
>>>
>>>
>>> So what appliances does everyone hope Santa brings them for Xmas?
>>>
>>> HF, VHF, UHF, KENWOOD, YAESU, ICOM, Cobra?
>>>
>>>
>>> I couldn't think of anything for myself, so I hope I just get a some
>>> componants and a new soldering iron for projects so I can keep moving
>>> forward in ham radio.
>>>
>>> SC
>>
>> And spell check for your PC. :-)
>
>
```

>Which one do you have? I want Santa to bring me a different one. The one
>you have doesn't work.
>
>SC

Clip and paste to "Word for Windows". . . It's got the best spell
checker in the market. Just leave it running in the backgrould and
call it up when you need to type out a letter or two.

2731. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 04:00:15 UTC
From: Wayne <mygarbagecan@verizon.net>
Message-ID: <jXP8h.6429$Uz.463@trnddc05>
Source record: 49155

"C. J. Clegg" <reply.in.group@nospam.no> wrote in message
news:pan.2006.11.21.22.30.48.656094@nospam.no...
> On Tue, 21 Nov 2006 22:19:44 +0000, Wayne wrote:
>
>> I don't have the technical data you ask about, but I do have experience
>> in
>> installing systems such as you describe. We simply used the commercially
>> available B&W broadband loaded dipole.
>
> Good afternoon, Wayne.
>
> That's certainly an option, but as I said I would rather not spend $200+
> unnecessarily, especially since I already have all of the necessary
> materials except for the terminating resistor.
>
> Anyway, the BWD-65's lower end is 4 MHz, and some of what I've read about
> T2FD antennas seems to indicate that near the low end is where efficiency
> is worst (inside of the design range ... outside of the design range it is
> MUCH worse).
>
> I suppose I could use the BWD-90 but I have a hard time understanding how
> they get all the way from 1.8 to 30 ... that seems very, very wide even
> for a T2FD antenna (I suppose it's a moot point, though... I'm sure it
> will get to my upper limit of 9 MHz nicely).
>
> As an aside, I see from the latest HRO catalog that the BWD-20, BWD-45,
> and BWD-65 are all $220 and the larger / longer BWD-90 is only $200. Why
> do you all suppose the bigger one is cheaper than all of the smaller ones?
>
Yes, as I said, I don't have the technical data. I just wanted to cite
experience that would indicate that you can most likely be successful in
using an antenna such as a T2FD for your application. Good luck.

2732. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 04:09:26 UTC
From: "C. J. Clegg" <reply.in.group@nospam.no>
Message-ID: <pan.2006.11.22.04.09.25.30375@nospam.no>
Source record: 49157

On Wed, 22 Nov 2006 01:01:56 +0000, Dave Oldridge wrote:

> The loaded folded dipole idea is actually quite efficient if you stay above
> the "knee" frequency. This is about .5 wave at the lowest frequency.

Good evening, Dave.

But, isn't there another frequency, around 1 full wavelength at the
operating frequency, above which efficiency starts to go to pot again?

125 ft (which you suggested in another message) is a full wave at
something a shade under 8 MHz, well within my upper limit of 9 MHz. So,
how will a 125-foot T2FD operate in the range of, say, 7 to 9?

2733. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 04:10:13 UTC
From: "J. Mc Laughlin" <jcm@power-net.net>
Message-ID: <12m7ja02e611d6@corp.supernews.com>
Source record: 49156

Dear "C. J. Clegg"

You are looking for an antenna for commercial or government use.
Several on this group are professional engineers (P.E.) who will be happy to
design whatever you wish in the way of an antenna.

Please provide an actual E-mail address and a verifiable name, and I
will be pleased to provide a quotation.

Regards, Mac N8TT and also a P.E.

Apologies for the overlap into an amateur group.
--
J. Mc Laughlin; Michigan U.S.A.
Home: JCM@Power-Net.Net

2734. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 04:15:44 UTC
From: "C. J. Clegg" <reply.in.group@nospam.no>
Message-ID: <pan.2006.11.22.04.15.42.876702@nospam.no>
Source record: 49158

On Tue, 21 Nov 2006 23:24:59 +0000, Dave Platt wrote:

>>2. How do I determine the minimum power rating for the terminating
>>resistor for an antenna that will be driven by 100 watts maximum?
>
> Ummm... I'd say that you'd need a resistor capable of dissipating 100
> watts, continuous, when used under ambient-free-air conditions in the
> highest operating temperature you'll encounter. I'd probably de-rate
> it by at least 50% (200 watt resistor) just to be sure, especially if
> you're going to be operating RTTY or any other high-duty-cycle mode.
>
> One of the unfortunate things about a T2FD is that there are going to
> be frequencies where most of your power warms up the feet of the birds
> perching on the termination resistor :-(

Yeah, this is exactly what I'm trying to avoid, by careful choice of
design parameters like length, resistor value, balun type. Feeding the
antenna with 100 watts and having all 100 of those watts dissipated in the
resistor, at any frequency within my range of 4 to 9, isn't going to work.
If I can't keep the efficiency above 50 percent across the range, then it
probably isn't going to be worth doing.

2735. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 04:20:58 UTC
From: "C. J. Clegg" <reply.in.group@nospam.no>
Message-ID: <pan.2006.11.22.04.20.58.82396@nospam.no>
Source record: 49159

On Tue, 21 Nov 2006 23:10:13 -0500, J. Mc Laughlin wrote:

> I will be pleased to provide a quotation.

Thanks. Unfortunately there isn't any money to pay someone to do this.
I'm doing it for free, and in fact I'm paying for the materials out of my
pocket, for whatever design I decide on.

2736. Re: Coffee grounds and cookie crumbs make good teaching aids.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 05:09:15 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <0YQ8h.70$UC2.60@newsfe08.phx>
Source record: 49160

[Following seen on quote-back; I believe I have the OP twitted out.]

>No-coders must go to the end of the line for refreshments at meetings.
>Code hams must be served first and should take more treats than they want
>and need. When all the code hams are served and there is nothing left,
>no-codes get the left-over Coffee grounds and Cookie crumbs. This will
>teach no-codes that by working harder to be better hams,

Not better hams ... just slo-o-o-wer hams! Morse is the most inefficient means of communication we have. A kid can burp-speak the alphabet faster than you can send it in Morse.

The government, long a believer in subsidizing the most worthless schemes in the world, abandoned Morse totally about ten years ago. With the exception of a few folks who eavesdrop on primitives in the third world, nobody I know does Morse for money any more.

There's is absolutely no nobility in Morse Code. IT'S YOUR FRICKIN' TOY! It's Tickle Me Elmo with a 40-foot pole up his ass! Here's what you do: Leave the library, buy a computer of your own, find a kid to teach you how to use it and get on HF the _right_ way.

Besides, you have the wrong initials for deciding which flowers to plant in Radioland. A certain F.C.C. does that job -- exclusively.

2737. crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 05:34:18 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1164173658.738674.145330@f16g2000cwb.googlegroups.com>
Source record: 49161
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

```
an_old_friend wrote:
> Slow Code wrote:
> > and Happy Thanksgiving Pro-Coders.
> >
> > SC
>
> soew coed,
> gav hsa a biggest dikc than you
no you are a fraud
```

2738. crapathon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 05:36:11 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1164173771.355115.178540@e3g2000cwe.googlegroups.com>
Source record: 49162
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.cb

an_old_friend wrote:
> Mark@kb9rqz.aprs wrote:

more fraud

2739. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 06:10:19 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <ojp7m2l62po0n90tk88sh5lcrc9naonc4d@4ax.com>
Source record: 49163

On Tue, 21 Nov 2006 23:15:44 -0500, "C. J. Clegg"
<reply.in.group@nospam.no> wrote:

>Yeah, this is exactly what I'm trying to avoid, by careful choice of
>design parameters like length, resistor value, balun type. Feeding the
>antenna with 100 watts and having all 100 of those watts dissipated in the
>resistor, at any frequency within my range of 4 to 9, isn't going to work.

Hi OM,

By turns, you've painted yourself into a corner when we add up this
wish list. Worse yet is the complaint you anticipate with:
>If I can't keep the efficiency above 50 percent across the range, then it
>probably isn't going to be worth doing.

3dB is hardly they abyss of performance, and, in fact, you would
probably be hard pressed to notice it. If you could, your dream
antenna (for the price you are willing to pay) would automatically
qualify for the dung-heap.

When you lead with your chin with:
>It cannot use any sort of antenna tuner
this simply breaks the camel's back. Also, come to terms with there
is also no such thing as a miracle BalUn.

In traditional engineering, there is the adage that a well defined
problem contains its own answer. You can reconcile facing abject
failure by falling back and building a cost/benefit analysis of all
the characteristics of your desired antenna. It should take more than
half an hour to come up with the price tag. You may also discover
that you can live without some of those restrictions and you might be
able to live with a tuner - generations have survived and flourished
under similar circumstances.

73's
Richard Clark, KB7QHC

2740. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 12:10:55 UTC
From: "C. J. Clegg" <reply.in.group@nospam.no>
Message-ID: <pan.2006.11.22.12.10.53.582778@nospam.no>
Source record: 49164

On Tue, 21 Nov 2006 22:10:19 -0800, Richard Clark wrote:

> By turns, you've painted yourself into a corner when we add up this
> wish list. Worse yet is the complaint you anticipate with:
>>If I can't keep the efficiency above 50 percent across the range, then it
>>probably isn't going to be worth doing.
>
> When you lead with your chin with:
>>It cannot use any sort of antenna tuner
> this simply breaks the camel's back. Also, come to terms with there
> is also no such thing as a miracle BalUn.

Good morning, Richard.

I was hoping to mitigate all of that by restricting the frequency range. I'm not asking for 1.8-30 or even 4-30, but 4-9.

Can a T2FD antenna not be made 50 percent efficient across that restricted frequency range?

The 50 percent efficiency floor is somewhat arbitrary but is driven by the fact that some of the users of this antenna are going to be using power levels as low as 5 watts. That's hard enough to do with a cut NVIS dipole, without throwing an inefficient antenna into the mix.

The inability to use a tuner is driven by the fact that eventually, these antennas are going to need to be usable with ALE radios. I don't know very much about ALE (yet) but I have a hard time imagining an autotuner that is consistently fast enough to use with ALE. Also, the users of these antennas are, like me, going to be paying for them out of their pockets. Few if any of the potential users that I know of today can afford to buy an autotuner. I know I can't.

If it can't be done, then it can't be done. I'm realistic enough to accept that and move on to something else, or drop the idea. It just seems to me that within the limited frequency range, something like that should be possible with the right choice of design parameters.

2741. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 13:18:10 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <87idneNUiKSM0_nYnZ2dnUVZ_qednZ2d@comcast.com>
Source record: 49165

An LP near ground also functions as a NVIS antenna, a broadband NVIS antenna.

You will need more space than the B&W for example; but, if space is available a six or seven element design should work just fine.

Also, any TERMINATED TRAVELING WAVE designs should work. A 1/2 wavelength at 3 MHz terminated in 600 ohms and fed with a good 9:1 balun would do as well.

/s/ DD, W1MCE

BTW: it is proximity to ground and horizontal polarization that causes NVIS

# # #

C. J. Clegg wrote:
> On Tue, 21 Nov 2006 17:23:02 -0500, Dave wrote:
>
>
>>A wire based Log Periodic?
>
>
> Good evening, Dave.
>
> I guess I forgot to mention ... this antenna needs to be omnidirectional
> or nearly so. Anyway it needs to be NVIS and I suspect a log periodic
> wouldn't work well in that configuration.
>

2742. Re: crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 14:19:35 UTC
From: Douche Bag <loumaagsucks@hotmail.com>
Message-ID: <1164205174.892070.111260@b28g2000cwb.googlegroups.com>
Source record: 49166
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

```
FUCKIN' DRUNKARD
an_old_friend wrote:
> an_old_friend wrote:
> > Slow Code wrote:
> > > and Happy Thanksgiving Pro-Coders.
> > >
> > > SC
> >
> > soew coed,
> > gav hsa a biggest dikc than you
> no you are a fraud
```

2743. Re: Looking for reference: modifying CB whip for lower bands

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 14:19:46 UTC
From: "Al, N1AW" <awoodhull@hampshire.edu>
Message-ID: <1164205186.696791.162140@f16g2000cwb.googlegroups.com>
Source record: 49167

Eskay wrote:
> Al, N1AW wrote:
>
> > Some years ago I read a magazine article on modifying a base-loaded CB
> > magnetic mount antenna for lower bands.
[snip]

> Is this for a mobile antenna?

I guess I should have said so, yes, such antennas are meant for roof-
or trunk-mounting on a vehicle.

- Al

2744. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 18:59:22 UTC
From: Michael Coslo <mjc5@psu.edu>
Message-ID: <ek26matnm1@f04n12.cac.psu.edu>
Source record: 49168

C. J. Clegg wrote:
> On Tue, 21 Nov 2006 23:24:59 +0000, Dave Platt wrote:
>
>>> 2. How do I determine the minimum power rating for the terminating
>>> resistor for an antenna that will be driven by 100 watts maximum?
>> Ummm... I'd say that you'd need a resistor capable of dissipating 100
>> watts, continuous, when used under ambient-free-air conditions in the
>> highest operating temperature you'll encounter. I'd probably de-rate
>> it by at least 50% (200 watt resistor) just to be sure, especially if
>> you're going to be operating RTTY or any other high-duty-cycle mode.
>>
>> One of the unfortunate things about a T2FD is that there are going to
>> be frequencies where most of your power warms up the feet of the birds
>> perching on the termination resistor :-(
>
> Yeah, this is exactly what I'm trying to avoid, by careful choice of
> design parameters like length, resistor value, balun type. Feeding the
> antenna with 100 watts and having all 100 of those watts dissipated in the
> resistor, at any frequency within my range of 4 to 9, isn't going to work.
> If I can't keep the efficiency above 50 percent across the range, then it
> probably isn't going to be worth doing.
>

Narrowing the frequency range isn't going to help much with the design.
I'm no expert, but if I read my signs correctly, the T2FD has the same
ups and downs in SWR as does most other multiband antennas. IOW, it
relies on frequency harmonic relationships.

Cebik has a good web page at:

http://www.cebik.com/wire/t2fd.html

2745. Re: Digital oscilloscopes for FM waveform capture?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 19:03:58 UTC
From: MRW <mr.whatever@gmail.com>
Message-ID: <1164222238.819036.38270@k70g2000cwa.googlegroups.com>
Source record: 49170

K7ITM wrote:
> OK, to begin with, why did you post this in an "antennas" group?

...Because I figured you guys/gals have a lot of experience with
oscilloscopes. :)

..<snip>...
> Cheers,
> Tom

Thanks, Tom!

2746. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 19:04:04 UTC
From: Michael Coslo <mjc5@psu.edu>
Message-ID: <ek26v4tnm2@f04n12.cac.psu.edu>
Source record: 49169

Michael Coslo wrote:
> C. J. Clegg wrote:
>> On Tue, 21 Nov 2006 23:24:59 +0000, Dave Platt wrote:
>>
>>>> 2. How do I determine the minimum power rating for the terminating
>>>> resistor for an antenna that will be driven by 100 watts maximum?
>>> Ummm... I'd say that you'd need a resistor capable of dissipating 100
>>> watts, continuous, when used under ambient-free-air conditions in the
>>> highest operating temperature you'll encounter. I'd probably de-rate
>>> it by at least 50% (200 watt resistor) just to be sure, especially if
>>> you're going to be operating RTTY or any other high-duty-cycle mode.
>>>
>>> One of the unfortunate things about a T2FD is that there are going to
>>> be frequencies where most of your power warms up the feet of the birds
>>> perching on the termination resistor :-(
>>
>> Yeah, this is exactly what I'm trying to avoid, by careful choice of
>> design parameters like length, resistor value, balun type. Feeding the
>> antenna with 100 watts and having all 100 of those watts dissipated in
>> the
>> resistor, at any frequency within my range of 4 to 9, isn't going to
>> work.
>> If I can't keep the efficiency above 50 percent across the range, then it
>> probably isn't going to be worth doing.
>>
>
>
> Narrowing the frequency range isn't going to help much with the
> design. I'm no expert, but if I read my signs correctly, the T2FD has
> the same ups and downs in SWR as does most other multiband antennas.
> IOW, it relies on frequency harmonic relationships.

Pah! I should have said wavelengths, not harmonics!!

- 73 de Mike KB3EIA -

2747. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 19:29:39 UTC
From: dplatt@radagast.org
Message-ID: <12m9993i9ikiqc4@corp.supernews.com>
Source record: 49171

>>> One of the unfortunate things about a T2FD is that there are going to
>>> be frequencies where most of your power warms up the feet of the birds
>>> perching on the termination resistor :-(

>> Yeah, this is exactly what I'm trying to avoid, by careful choice of
>> design parameters like length, resistor value, balun type. Feeding the
>> antenna with 100 watts and having all 100 of those watts dissipated in the
>> resistor, at any frequency within my range of 4 to 9, isn't going to work.
>> If I can't keep the efficiency above 50 percent across the range, then it
>> probably isn't going to be worth doing.

> Narrowing the frequency range isn't going to help much with the design.
>I'm no expert, but if I read my signs correctly, the T2FD has the same
>ups and downs in SWR as does most other multiband antennas. IOW, it
>relies on frequency harmonic relationships.
>
>Cebik has a good web page at:
>
>http://www.cebik.com/wire/t2fd.html

Looks like a very useful page. And, the section down at the bottom
labelled "Terminator Resistor Losses" tells the sad tale. With both
of the designs Cebik modelled, the power loss into the termination
resistor is only rarely less than 50%. For the longer of the two
models (165', wide spacing) the losses between 4 MHz and 9 MHz range
from 4 dB to over 6 dB, with an average loss of around 5 dB.

It looks as if it might be possible to model/design a T2FD with an
intermediate length and spacing, which might result in average losses
in the 4 - 9 MHz range which are lower than either the 100' or 165'
models. However, from the shape of these curves I doubt that you'll
get the average loss down much below 5 dB. Even getting the average
loss down below 3 dB looks as if it won't happen, and I don't think
you're going to ge the worst-case loss down below 3 dB at all.

You might want to go back and reconsider the possibility of using a
feedpoint-mounted autotuner - in particular, one which has a
frequency-based tuning memory capability and fast-retune feature, and
which does not require a large amount of RF power to initiate a tune.
Some such tuners require only a couple of watts of RF in order to
tune, and can re-tune to a previously-memorized frequency and
match-set within a couple of hundred milliseconds. I believe that an
autotuner of this sort would be compatible with low-power ALE, as long
as you had "pre-programmed" it by doing a full tuning cycle at each
frequency in the range you're interested in, and given it a chance to
search for and "memorize" a suitable match.

The lady who has demo'ed ALE at a number of hamclubs in my area
(regrettably I don't recall her callsign) uses an ALE-equipped
military radio, and a Motorola (or Harris?) longwire autocoupler
hooked to a random length of wire and a counterpoise.

--
Dave Platt <dplatt@radagast.org> AE6EO
Hosting the Jade Warrior home page: http://www.radagast.org/jade-warrior
I do _not_ wish to receive unsolicited commercial email, and I will
boycott any company which has the gall to send me such ads!

2748. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 20:01:47 UTC
From: "C. J. Clegg" <reply.in.group@nospam.no>
Message-ID: <pan.2006.11.22.20.01.46.90293@nospam.no>
Source record: 49172

On Wed, 22 Nov 2006 19:29:39 +0000, Dave Platt wrote:

> the section down at the bottom
> labelled "Terminator Resistor Losses" tells the sad tale.

Yes, it does.

My heartfelt thanks to all of you for all of your assistance and advice.
I think I have enough info now to guide my experimentation and come to a
conclusion.

Doesn't look promising...

2749. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 20:37:20 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <4cc9m21859c8qiokoeaevc9j3184c3eq4g@4ax.com>
Source record: 49173

On Wed, 22 Nov 2006 07:10:55 -0500, "C. J. Clegg"
<reply.in.group@nospam.no> wrote:

>I was hoping to mitigate all of that by restricting the frequency range.
>I'm not asking for 1.8-30 or even 4-30, but 4-9.

Hi OM,

That has been evident from the beginning. Still and all:
>The 50 percent efficiency floor is somewhat arbitrary
Exactly. It is just such arbitrariness along with competing,
conflicting restrictions that leads to self-defined failure tacitly
accepted with:
>If it can't be done, then it can't be done.
However, it has been done, and without the unnecessary complications
of forcing ANY design to span an octave without a tuner. Hoping that
a resistor will solve this is dope-slapped with the expectation of
efficiency.

>some of the users of this antenna are going to be using power
>levels as low as 5 watts
So what is all this angst about efficiency? Pour 100W into any hank
of wire and you will achieve at least that. Or do you mean that the
design you are looking for will be used as a model for others? If
that is the case, more the pity that the requirement of having a $25
tuner is an unreasonable expectation of Amateur radio operators. I
cannot imagine they will spend less on those resistors....

73's
Richard Clark, KB7QHC

2750. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 20:56:45 UTC
From: "C. J. Clegg" <reply.in.group@nospam.no>
Message-ID: <pan.2006.11.22.20.56.44.260828@nospam.no>
Source record: 49174

On Wed, 22 Nov 2006 12:37:20 -0800, Richard Clark wrote:

> So what is all this angst about efficiency? Pour 100W into any hank
> of wire and you will achieve at least that. Or do you mean that the
> design you are looking for will be used as a model for others?

Good afternoon, Richard.

Actually, what I mean is that some, including me, will be using 5-watt
radios (Yaesu FT-817). If the option of pouring 100W into any hank of
wire was available to all, the issue wouldn't be critical. It's not,
so it is. :-)

> more the pity that the requirement of having a $25
> tuner is an unreasonable expectation

Remember the ALE requirement. I am only just now becoming convinced that
some autotuners might work for ALE. I'm quite certain manual tuners won't.

2751. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 21:43:22 UTC
From: dplatt@radagast.org
Message-ID: <12m9h3q47fcap1c@corp.supernews.com>
Source record: 49175

In article <pan.2006.11.22.20.56.44.260828@nospam.no>,
C. J. Clegg <reply.in.group@nospam.no> wrote:

>Actually, what I mean is that some, including me, will be using 5-watt
>radios (Yaesu FT-817). If the option of pouring 100W into any hank of
>wire was available to all, the issue wouldn't be critical. It's not,
>so it is. :-)

There's another approach to the antenna that you might want to consider, _if_ the ALE ranges are limited to a few (say, no more than four or five) and aren't too wide (say, no more than perhaps 5% of the center frequency).

If your usage pattern fits this model, then you could construct a multi-wire "fan" dipole array... simply a set of individual wire half-wavelength dipoles, each cut for the center frequency of a given ALE range, spread apart physically, and fed from a single coax at a single feedpoint. They can be spread vertically (e.g. hang the longest one as a flat-top from a convenient set of trees, suspend the next-shortest beneath it on 6" spreaders, hang the next-shortest on another set of spreaders, etc.) or horizontally (run one north/south, another east/west, etc.).

There will be some amount of coupling/loading between them, so you'll need to trim them for lowest SWR once they're installed, and you may find the SWR bandwidth less than you'd get from individual dipoles. Coupling/loading is greater for the vertically-stacked case, and less for a star-like horizontal pattern (which takes more space and more trees or etc., of course).

The nice thing about this approach, if it's suitable for your needs, is that the losses are quite low. The wire which is resonant on the band in question loads up and radiates, and the other wires (which will typically have high, reactive impedances) accept very little current. No lossy termination resistor is needed.

I've been using a three-wire fan dipole (5" vertical spacing) cut for 40/20/10 for several years, with very satisfactory results.

This approach won't give you continuous coverage of your 4:9 range... unfortunately I can't suggest any which would, which don't require an agile tuner/transmatch and which don't introduce high losses in some portions of the band.

--
Dave Platt <dplatt@radagast.org> AE6EO
Hosting the Jade Warrior home page: http://www.radagast.org/jade-warrior

I do _not_ wish to receive unsolicited commercial email, and I will
boycott any company which has the gall to send me such ads!

2752. Re: I'm like Moses.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 22:12:12 UTC
From: Sun Tzu <SunTzu@TODAY_YOU_DIE_DEAD.org>
Message-ID: <Ze-dnQTG0bvCV_nYnZ2dnUVZ_rqdnZ2d@hawaiiantel.net>
Source record: 49176
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy

Slow Code wrote:

> Moses tried to lead people out of Egypt, and I'm trying to lead people
> out of Lid-ville. And also like Moses, I'm finding some don't want to
> leave. They think it's too much work to leave Lid-ville.
>
> Well sure it's work, but look at the benefits, Quality hams.
>
> SC

Moses wasnt a jackass - you are!!

2753. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 23:15:35 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <tol9m2524g30l2jtu1ag2sspci0ciik30d@4ax.com>
Source record: 49177

On Wed, 22 Nov 2006 15:56:45 -0500, "C. J. Clegg"
<reply.in.group@nospam.no> wrote:

>> more the pity that the requirement of having a $25
>> tuner is an unreasonable expectation
>
>Remember the ALE requirement. I am only just now becoming convinced that
>some autotuners might work for ALE.

I seriously doubt that. What you are describing is a sacrifice in
Link Quality for the sake of not using something like a fan dipole
which would immediately satisfy every requirement and fulfill mission.
How this is justified with
>multiple-legged dipole with legs cut
>for different frequencies (well, I probably could, but it would be
>impractical).
forces a new meaning to the word impractical. Perhaps you would care
to elaborate how the simplicity of two extra wires has been trumped.

73's
Richard Clark, KB7QHC

2754. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-22 23:59:31 UTC
From: "C. J. Clegg" <reply.in.group@nospam.no>
Message-ID: <pan.2006.11.22.23.59.29.887821@nospam.no>
Source record: 49178

On Wed, 22 Nov 2006 15:15:35 -0800, Richard Clark wrote:

> Perhaps you would care
> to elaborate how the simplicity of two extra wires has been trumped.

I'll try, though from the tone of your message it sounds like your mind is made up. :-)

We will be operating on many different frequencies across the range of 4 to 9. I don't even know (yet) how many different frequencies will be in use (they won't tell me).

So I can envision many pairs of dipole elements, each cut for a certain frequency in the range, and laid out like the spokes of a wheel.

I have plenty of land here but I don't have ready supports for that kind of an array.

That's what I mean by "impractical".

I've learned a lot from you guys the last few days, though, and maybe something like that isn't so impractical ... I'll have to experiment. Perhaps an array of inverted vees on a single feedline...

2755. Re: Coffee grounds and cookie crumbs make good teaching aids.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 00:01:48 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <Mx59h.2173$ql2.1399@newsread3.news.pas.earthlink.net>
Source record: 49179
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

"Sal M. Onella" <salmonella@food.poisoning.org> wrote in
news:0YQ8h.70$UC2.60@newsfe08.phx:

> [Following seen on quote-back; I believe I have the OP twitted out.]
>
> >No-coders must go to the end of the line for refreshments at meetings.
> >Code hams must be served first and should take more treats than they
> >want and need. When all the code hams are served and there is nothing
> >left, no-codes get the left-over Coffee grounds and Cookie crumbs. This
> >will teach no-codes that by working harder to be better hams,
>
> Not better hams ... just slo-o-o-wer hams! Morse is the most
> inefficient means of communication we have. A kid can burp-speak the
> alphabet faster than you can send it in Morse.

I feel your pain. It must suck for you to have to live in Lid-ville.

SC

2756. Re: CW Exams / Examples Wanted

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 00:01:50 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <Ox59h.2174$ql2.1447@newsread3.news.pas.earthlink.net>
Source record: 49180
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.swap

"W1SDM" <helgapataki@yahoo.com> wrote in
news:1164202843.748455.224200@h54g2000cwb.googlegroups.com:

> Hello,
>
> I am in the process of writing a program that will be available via the
> Internet, which will generate random QSO's similar to those on the
> Morse Code exam.
>
> Since I haven't taken the test yet, I only have some examples from
> websites that I have found using a google search. I am not sure how old
> the examples I am looking at are, so I don't know if the "style" of the
> exams has changed. Also, I have seen some "example" questions that will
> be asked concerning the QSO, and I don't know if there is a question
> "pool" available somewhere.
>
> Could someone who is VERY familiar with the exams take a look at
> http://www.mindformation.com/cgi-bin/qso_generator.pl and see if the
> QSO's that are generated resemble those in "real life?" Once you are on
> that page, you can reload the page or "click" on the word "Create" at
> the bottom of the page, to create another QSO.
>
> Right now all that page does is generate a random QSO using the
> information I have available to me at this time.
>
> Should more and or different information be presented?
>
> Here is a list of questions (obvious ones) that I have so far that
> could be used as the "pool" of questions (10 questions would be
> randomly selected) :
> ----------
> What is the callsign of the station being called?
> What is the callsign of the calling station?
> What is the name of the operator being called?
> What is the name of the calling operator?
> What is the calling operators job?
> In what city did the transmitting operator live?
> In what state did the transmitting operator live?
> What kind of antenna are they using?
> How high is the antenna?
> How old is the transmitting operator?
> What is the transmitting power level?
> What brand of radio did the operator have?

> What model of radio did the operator have?
> What was the weather described as?
> ----------
>
> Once the program is completed it will generate a random QSO, create and
> embed an .mp3 file of the QSO in Morse Code, and display a list of
> questions about the QSO on a web page. After the questions are answered
> you will be shown the text of the QSO to see if you got 25 characters
> in a row, just in case you didn't answer at least 7 questions
> correctly.
>
> This is my attempt to create something as close as possible to what
> you(I) will actually experience when taking the Morse Code exam, so
> you(I) can be comfortable with the process before actually taking the
> test.
>
> So, any advice, hints, thoughts, suggestions, let me know. You may
> reply here or send me email.
>
> Thanks!
>
> --
> Tom Green
> helgapataki((a t))yahoo.com
> W1SDM

It sounds to me like you have it all covered. One extra thing you can do is just have it send random words for about four or five minutes, then people can check their copy with what was sent.

Also, make sure it can send code up to 20 to 25 wpm. Some people might want to practice to be real hams.

SC

2757. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 00:01:57 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <Vx59h.2178$ql2.1579@newsread3.news.pas.earthlink.net>
Source record: 49181
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

```
Joe Bloe <abaslon@comcast.net> wrote in
news:oei7m2hhbvm46q3qmkkfl4k7ui4tdtqei9@4ax.com:

> On Tue, 21 Nov 2006 00:54:50 GMT, Slow Code <my.mail@no.spam> wrote:
>
>>"U-Know-Who" <no-one@nowhere.com> wrote in
>>news:5lO7h.283$_H5.256@tornado.texas.rr.com:
>>
>>>
>>> "Slow Code" <my.mail@no.spam> wrote in message
>>> news:1wN7h.626$sf5.622@newsread4.news.pas.earthlink.net...
>>>> jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote in
>>>> news:ej8knc$kn5$1@news.hawaii.edu:
>>>>
>>>>> John Smith <assemblywizard@gmail.com> wrote:
>>>>>>Idiot, check your spelling, it's "group troll."
>>>>>
>>>>> Well, let's see if he ment "poll" or "troll":
>>>>>
>>>>>
>>>>> 0 2 4 6 8 10
>>>>> /
>>>>> /
>>>>> /
>>>>> /
>>>>> /
>>>>> /
>>>>> /
>>>>> /
>>>>> POLL-O-METER
>>>>
>>>>
>>>>
>>>> So what appliances does everyone hope Santa brings them for Xmas?
>>>>
>>>> HF, VHF, UHF, KENWOOD, YAESU, ICOM, Cobra?
>>>>
>>>>
>>>> I couldn't think of anything for myself, so I hope I just get a some
>>>> componants and a new soldering iron for projects so I can keep moving
>>>> forward in ham radio.
>>>>
>>>> SC
```

>>>
>>> And spell check for your PC. :-)
>>
>>
>>Which one do you have? I want Santa to bring me a different one. The
>>one you have doesn't work.
>>
>>SC
>
>
> Clip and paste to "Word for Windows". . . It's got the best spell
> checker in the market. Just leave it running in the backgrould and
> call it up when you need to type out a letter or two.

Thanks, I'll pass that on to U-Know-Who, but he probably don't have word,
just computer games.

SC

2758. Re: Happy turkey day you no-code turkeys.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 00:01:58 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <Wx59h.2179$ql2.1187@newsread3.news.pas.earthlink.net>
Source record: 49182
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.swap

Joe Bloe <abaslon@comcast.net> wrote in
news:usg7m2dpptlqm40a033mgt187fh23u4gb3@4ax.com:

> Dito. . . Oh yea, are you a "Daa" or just simply a "Dit"?

You need to know how to use both well in order to be a skilled
communicator, otherwise you're just a CB'er with a piece of paper.

SC

2759. I just start the threads, you people have to keep them going.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 00:01:59 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <Xx59h.2180$ql2.36@newsread3.news.pas.earthlink.net>
Source record: 49183
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

I just start the threads, You people need to keep them going.

But if I see a Pro-coder getting ganged up on by CW haters, I'll
come back in and help kick some no-code ass.

Sc

2760. Re: I'm like Moses.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 00:02:00 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <Yx59h.2181$ql2.1447@newsread3.news.pas.earthlink.net>
Source record: 49185
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy

N2EY@AOL.COM wrote in
news:1164234471.784451.226030@e3g2000cwe.googlegroups.com:

> hot-ham-and-cheese@hotmail.com wrote:
>> N2EY@AOL.COM wrote:
>> > Slow Code wrote:
>> >
>> > > It's found in First Hiram Chapter 2, verse 73:
>> > >
>> > > "and Slow Code, servant of the Lord, smote the Lids with his
>> > > cattle prod and the Lids were healed. All that saw were
>> > > amazed and fell to the floor and gave thanks to Slow Code
>> > > and the bands were made clean that day, and many CB'ers were
>> > > also converted. And they began preaching and speaking in CW"
>> > >
>> > Now we know what Len has been doing.....
>>
>> Jim, I thought you were Snow Code....
>
> You're mistaken.
>
> IMHO, "Slow Code" writes like Len. The "First Hiram Chapter 2, verse
> 73" nonsense convinced me.

I'm not Len, If I were Len I would have slit my wrists long ago.

SC

2761. Re: If CW is eliminated.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 00:02:02 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <_x59h.2182$ql2.2142@newsread3.news.pas.earthlink.net>
Source record: 49184
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

"tools" <tools@attwb.net> wrote in news:usZ8h.5$Bm3.138376@news.sisna.com:

> "Slow Code" <my.mail@no.spam> wrote in message
> news:PTM8h.1814$sf5.431@newsread4.news.pas.earthlink.net...
>>
>> You can tell everyone you're a CB'er deluxe.
>>
>> SC
>
> If code is eliminated from the US requirements, will you quit amateur
> radio?

If code is eliminated the riff-raff that will overrun the bands will drive a lot of people out of amateur radio. It's bad now even with a 5wpm code.

Back when I got my license there was alot of technical discussions, experimentation and lot of hams improving their communication and technical skills. Now with 5 wpm, convertions are mainly about appliance operating, or how someone did something stupid and burned up their rigs, things just like you can hear on CB.

SC

2762. Re: POLL ABOUT CODE

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 00:02:12 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <8y59h.2190$ql2.1419@newsread3.news.pas.earthlink.net>
Source record: 49186
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.swap

"tools" <tools@attwb.net> wrote in news:xuZ8h.7$dm3.113776@news.sisna.com:

> If code is eliminated from US requirements, will you quit amateur radio?
> If not, why not? If yes, why not leave now?

No one is going to quit amateur radio because the code requirement was eliminated, maybe a couple might. It's the retards that will flood the bands afterwards that are going to drive good hams out of ham radio.

We already have one CB service, we don't need two.

SC

2763. Re: Modifying CB whip for HF bands

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 00:27:15 UTC
From: w9gb <spam_protect@arrl.net>
Message-ID: <StudnQw1zrd1d_nYnZ2dnUVZ_s2dnZ2d@comcast.com>
Source record: 49187

"Al, N1AW" <awoodhull@hampshire.edu> wrote in message
news:1164205186.696791.162140@f16g2000cwb.googlegroups.com...
> Eskay wrote:
>> Al, N1AW wrote:
>>
>> > Some years ago I read a magazine article on modifying a base-loaded CB
>> > magnetic mount antenna for lower bands.
> [snip]
>
>> Is this for a mobile antenna?
>
> I guess I should have said so, yes, such antennas are meant for roof-
> or trunk-mounting on a vehicle.
>
> - Al
>

Al -

There were a large number of articles during the 1970s on this subject (73, CQ, Ham Radio magazines) -- as well as conversion of CB mobile whips to 2-meter 5/8 wave antennas.

Although a significant amount of information is electronics (Internet accessible) -- there is also a considerable amount that is still available through your local library. At best, you may find an electronic index of the materials.

For example, Herb Freidman wrote a number of articles in Popular Electronics, Electronics Illustrated as well as the amateur radio journals -- yet I have to go through my local library's magazine and periodicals request network -- to get reprints of his Electronics Illustrated articles and materials.

w9gb

2764. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 00:36:26 UTC
From: Dave Oldridge <doldridg@leavethisoutshaw.ca>
Message-ID: <Xns9883A8EED5F29doldridgsprintca@64.59.135.159>
Source record: 49188

"C. J. Clegg" <reply.in.group@nospam.no> wrote in
news:pan.2006.11.22.04.09.25.30375@nospam.no:

> On Wed, 22 Nov 2006 01:01:56 +0000, Dave Oldridge wrote:
>
>> The loaded folded dipole idea is actually quite efficient if you stay
>> above the "knee" frequency. This is about .5 wave at the lowest
>> frequency.
>
> Good evening, Dave.
>
> But, isn't there another frequency, around 1 full wavelength at the
> operating frequency, above which efficiency starts to go to pot again?

I didn't see this. But as the size increases, the pattern tends to start
to come apart.

>
> 125 ft (which you suggested in another message) is a full wave at
> something a shade under 8 MHz, well within my upper limit of 9 MHz.
> So, how will a 125-foot T2FD operate in the range of, say, 7 to 9?

Actually, I just modelled it. The 125-foot version is very good between
7 and 9, but the SWR (with a 650 ohm terminator) jumps to 4 to 1 at 5.25
mhz. Like I suggested, you need to model your actual situation, then
build to the model.

--
Dave Oldridge+
ICQ 1800667

2765. Re: Request for information on phase matching and set / batch matching

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 00:40:02 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <k569h.4470$T6.866@bignews5.bellsouth.net>
Source record: 49189

> notes...
>
> Have you checked for HP and/or Agilent and/or Rohde & Schwarz and/or
> Anritsu (and perhaps some others) ap notes? I know for sure that there
> are a lot of them from Agilent (which may have originally been written
> at HP, before Agilent split off). Since you are using an HP8753, give
> you local Agilent sales rep a call if you can't find the ap notes on
> the web, and ask her/him for applications information.
>
> Cheers,
> Tom
>

What you want to do should be in the instruction manual that came with the network analyser. You may need specially treated cable if it is to be subjected to changing temprature. Some of the rg214 cable I use is annealed in a oven.

2766. crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 01:06:42 UTC
From: Mark@kb9rqz.aprs
Message-ID: <70t9m2ddgqvtjuld66h1apql8oica0foee@4ax.com>
Source record: 49190
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

On Thu, 23 Nov 2006 00:01:57 GMT, Slow Code <my.mail@no.spam> wrote:

>Joe Bloe <abaslon@comcast.net> wrote in
>news:oei7m2hhbvm46q3qmkkfl4k7ui4tdtqei9@4ax.com:
>
>> On Tue, 21 Nov 2006 00:54:50 GMT, Slow Code <my.mail@no.spam> wrote:
>>
>>>"U-Know-Who" <no-one@nowhere.com> wrote in
>>>news:5lO7h.283$_H5.256@tornado.texas.rr.com:
>>>
>>>>
>>>> "Slow Code" <my.mail@no.spam> wrote in message
>>>> news:1wN7h.626$sf5.622@newsread4.news.pas.earthlink.net...
>>>>> jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote in
>>>>> news:ej8knc$kn5$1@news.hawaii.edu:
>>>>>
>>>>>> John Smith <assemblywizard@gmail.com> wrote:
>>>>>>>Idiot, check your spelling, it's "group troll."
>>>>>>
>>>>>> Well, let's see if he ment "poll" or "troll":
>>>>>>
>>>>>>
>>>>>> 0 2 4 6 8 10
>>>>>> /
>>>>>> /
>>>>>> /
>>>>>> /
>>>>>> /
>>>>>> /
>>>>>> /
>>>>>> /
>>>>>> POLL-O-METER
>>>>>
>>>>>
>>>>>
>>>>> So what appliances does everyone hope Santa brings them for Xmas?
>>>>>
>>>>> HF, VHF, UHF, KENWOOD, YAESU, ICOM, Cobra?
>>>>>
>>>>>
>>>>> I couldn't think of anything for myself, so I hope I just get a some
>>>>> componants and a new soldering iron for projects so I can keep moving
>>>>> forward in ham radio.

>>>>>
>>>>> SC
>>>>
>>>> And spell check for your PC. :-)
>>>
>>>
>>>Which one do you have? I want Santa to bring me a different one. The
>>>one you have doesn't work.
>>>
>>>SC
>>
>>
>> Clip and paste to "Word for Windows". . . It's got the best spell
>> checker in the market. Just leave it running in the backgrould and
>> call it up when you need to type out a letter or two.
>
>
>Thanks, I'll pass that on to U-Know-Who, but he probably don't have word,
>just computer games.
>
>SC
ah right on time
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2767. crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 01:07:23 UTC
From: Mark@kb9rqz.aprs
Message-ID: <e1t9m2li7fkitri6krq9024qotfg8gfji3@4ax.com>
Source record: 49191
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

On Thu, 23 Nov 2006 00:01:48 GMT, Slow Code <my.mail@no.spam> wrote:

>"Sal M. Onella" <salmonella@food.poisoning.org> wrote in
>news:0YQ8h.70$UC2.60@newsfe08.phx:
>
>> [Following seen on quote-back; I believe I have the OP twitted out.]
>>
>> >No-coders must go to the end of the line for refreshments at meetings.
>> >Code hams must be served first and should take more treats than they
>> >want and need. When all the code hams are served and there is nothing
>> >left, no-codes get the left-over Coffee grounds and Cookie crumbs. This
>> >will teach no-codes that by working harder to be better hams,
>>
>> Not better hams ... just slo-o-o-wer hams! Morse is the most
>> inefficient means of communication we have. A kid can burp-speak the
>> alphabet faster than you can send it in Morse.
>
>
>I feel your pain. It must suck for you to have to live in Lid-ville.

you feel knothing the humna parts of you are missing
>
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2768. crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 01:07:56 UTC
From: Mark@kb9rqz.aprs
Message-ID: <i2t9m25tf8nj9lp34dsmlrt6ecsoogb93r@4ax.com>
Source record: 49192
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy

On Thu, 23 Nov 2006 00:02:00 GMT, Slow Code <my.mail@no.spam> wrote:

>N2EY@AOL.COM wrote in
>news:1164234471.784451.226030@e3g2000cwe.googlegroups.com:
>
>> hot-ham-and-cheese@hotmail.com wrote:
>>> N2EY@AOL.COM wrote:
>>> > Slow Code wrote:
>>> >
>>> > > It's found in First Hiram Chapter 2, verse 73:
>>> > >
>>> > > "and Slow Code, servant of the Lord, smote the Lids with his
>>> > > cattle prod and the Lids were healed. All that saw were
>>> > > amazed and fell to the floor and gave thanks to Slow Code
>>> > > and the bands were made clean that day, and many CB'ers were
>>> > > also converted. And they began preaching and speaking in CW"
>>> > >
>>> > Now we know what Len has been doing.....
>>>
>>> Jim, I thought you were Snow Code....
>>
>> You're mistaken.
>>
>> IMHO, "Slow Code" writes like Len. The "First Hiram Chapter 2, verse
>> 73" nonsense convinced me.
>
>
>I'm not Len, If I were Len I would have slit my wrists long ago.
>
>SC

then get to it slit your wrists
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2769. crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 01:09:54 UTC
From: Mark@kb9rqz.aprs
Message-ID: <b6t9m2htbu1371guu4the8r224fkguulgb@4ax.com>
Source record: 49193
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Thu, 23 Nov 2006 00:02:02 GMT, Slow Code <my.mail@no.spam> wrote:

>"tools" <tools@attwb.net> wrote in news:usZ8h.5$Bm3.138376@news.sisna.com:
>
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:PTM8h.1814$sf5.431@newsread4.news.pas.earthlink.net...
>>>
>>> You can tell everyone you're a CB'er deluxe.
>>>
>>> SC
>>
>> If code is eliminated from the US requirements, will you quit amateur
>> radio?
>
>
>If code is eliminated the riff-raff that will overrun the bands will drive
>a lot of people out of amateur radio. It's bad now even with a 5wpm code.

the riff riff is already there you are on the HF
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2770. crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 01:11:36 UTC
From: Mark@kb9rqz.aprs
Message-ID: <q9t9m2hve9dgs07hisprpcv2jut46em6bc@4ax.com>
Source record: 49194
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.swap

On Thu, 23 Nov 2006 00:01:50 GMT, Slow Code <my.mail@no.spam> wrote:

>"W1SDM" <helgapataki@yahoo.com> wrote in
>news:1164202843.748455.224200@h54g2000cwb.googlegroups.com:
>
>> Hello,
>>
>> I am in the process of writing a program that will be available via the
>> Internet, which will generate random QSO's similar to those on the
>> Morse Code exam.
>>
>> Since I haven't taken the test yet, I only have some examples from
>> websites that I have found using a google search. I am not sure how old
>> the examples I am looking at are, so I don't know if the "style" of the
>> exams has changed. Also, I have seen some "example" questions that will
>> be asked concerning the QSO, and I don't know if there is a question
>> "pool" available somewhere.
>>
>> Could someone who is VERY familiar with the exams take a look at
>> http://www.mindformation.com/cgi-bin/qso_generator.pl and see if the
>> QSO's that are generated resemble those in "real life?" Once you are on
>> that page, you can reload the page or "click" on the word "Create" at
>> the bottom of the page, to create another QSO.
>>
>> Right now all that page does is generate a random QSO using the
>> information I have available to me at this time.
>>
>> Should more and or different information be presented?
>>
>> Here is a list of questions (obvious ones) that I have so far that
>> could be used as the "pool" of questions (10 questions would be
>> randomly selected) :
>> --
>> What is the callsign of the station being called?
>> What is the callsign of the calling station?
>> What is the name of the operator being called?
>> What is the name of the calling operator?
>> What is the calling operators job?
>> In what city did the transmitting operator live?
>> In what state did the transmitting operator live?
>> What kind of antenna are they using?
>> How high is the antenna?
>> How old is the transmitting operator?

>> What is the transmitting power level?
>> What brand of radio did the operator have?
>> What model of radio did the operator have?
>> What was the weather described as?
>> ----------
>>
>> Once the program is completed it will generate a random QSO, create and
>> embed an .mp3 file of the QSO in Morse Code, and display a list of
>> questions about the QSO on a web page. After the questions are answered
>> you will be shown the text of the QSO to see if you got 25 characters
>> in a row, just in case you didn't answer at least 7 questions
>> correctly.
>>
>> This is my attempt to create something as close as possible to what
>> you(I) will actually experience when taking the Morse Code exam, so
>> you(I) can be comfortable with the process before actually taking the
>> test.
>>
>> So, any advice, hints, thoughts, suggestions, let me know. You may
>> reply here or send me email.
>>
>> Thanks!
>>
>> --
>> Tom Green
>> helgapataki((a t))yahoo.com
>> W1SDM
>
>
>It sounds to me like you have it all covered. One extra thing you can do
>is just have it send random words for about four or five minutes, then
>people can check their copy with what was sent.
>
>Also, make sure it can send code up to 20 to 25 wpm. Some people might
>want to practice to be real hams.
>
>SC
crapthon goes on
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2771. Re: crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 01:48:03 UTC
From: Mark@kb9rqz.aprs
Message-ID: <6ev9m2p3244hjfv5cvf4lbr8tvnsag8jfn@4ax.com>
Source record: 49195
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

On 22 Nov 2006 06:19:35 -0800, "Douche Bag" <loumaagsucks@hotmail.com>
wrote:

>FUCKIN' DRUNKARD

you tlaking about yourself?
>an_old_friend wrote:
>> an_old_friend wrote:
>> > Slow Code wrote:
>> > > and Happy Thanksgiving Pro-Coders.
>> > >
>> > > SC
>> >
>> > soew coed,
>> > gav hsa a biggest dikc than you
>> no you are a fraud
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2772. crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 02:28:03 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1164248883.800192.209290@j44g2000cwa.googlegroups.com>
Source record: 49196
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

Slow Code wrote:
> I just start the threads, You people need to keep them going.

no we don't we and you and the ARS would better off if you stoped

2773. crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 02:32:42 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1164249161.941829.9020@m7g2000cwm.googlegroups.com>
Source record: 49197
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.swap

Slow Code wrote:
> "tools" <tools@attwb.net> wrote in news:xuZ8h.7$dm3.113776@news.sisna.com:
>
> > If code is eliminated from US requirements, will you quit amateur radio?
> > If not, why not? If yes, why not leave now?
>
>
> No one is going to quit amateur radio because the code requirement was
> eliminated, maybe a couple might. It's the retards that will flood the
> bands afterwards that are going to drive good hams out of ham radio.

the retards are on the bands you have a license we just want to let
people without the mode welfare program you have depended on
>
> We already have one CB service, we don't need two.
>
> SC

2774. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 03:16:57 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <Jo89h.2462$Gk5.1576@tornado.texas.rr.com>
Source record: 49198
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

"Slow Code" <my.mail@no.spam> wrote in message
news:Vx59h.2178$ql2.1579@newsread3.news.pas.earthlink.net...
> Joe Bloe <abaslon@comcast.net> wrote in
> news:oei7m2hhbvm46q3qmkkfl4k7ui4tdtqei9@4ax.com:
>
>> On Tue, 21 Nov 2006 00:54:50 GMT, Slow Code <my.mail@no.spam> wrote:
>>
>>>"U-Know-Who" <no-one@nowhere.com> wrote in
>>>news:5lO7h.283$_H5.256@tornado.texas.rr.com:
>>>
>>>>
>>>> "Slow Code" <my.mail@no.spam> wrote in message
>>>> news:1wN7h.626$sf5.622@newsread4.news.pas.earthlink.net...
>>>>> jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote in
>>>>> news:ej8knc$kn5$1@news.hawaii.edu:
>>>>>
>>>>>> John Smith <assemblywizard@gmail.com> wrote:
>>>>>>>Idiot, check your spelling, it's "group troll."
>>>>>>
>>>>>> Well, let's see if he ment "poll" or "troll":
>>>>>>
>>>>>>
>>>>>> 0 2 4 6 8 10
>>>>>> /
>>>>>> /
>>>>>> /
>>>>>> /
>>>>>> /
>>>>>> /
>>>>>> /
>>>>>> /
>>>>>> POLL-O-METER
>>>>>
>>>>>
>>>>>
>>>>> So what appliances does everyone hope Santa brings them for Xmas?
>>>>>
>>>>> HF, VHF, UHF, KENWOOD, YAESU, ICOM, Cobra?
>>>>>
>>>>>
>>>>> I couldn't think of anything for myself, so I hope I just get a some
>>>>> componants and a new soldering iron for projects so I can keep moving
>>>>> forward in ham radio.

>>>>>
>>>>> SC
>>>>
>>>> And spell check for your PC. :-)
>>>
>>>
>>>Which one do you have? I want Santa to bring me a different one. The
>>>one you have doesn't work.
>>>
>>>SC
>>
>>
>> Clip and paste to "Word for Windows". . . It's got the best spell
>> checker in the market. Just leave it running in the backgrould and
>> call it up when you need to type out a letter or two.
>
>
> Thanks, I'll pass that on to U-Know-Who, but he probably don't have word,
> just computer games.
>
> SC

I have Office Pro 2003

2775. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 06:35:39 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <5keam2tu2st5kehdljudsd7kkcqsi6ov6d@4ax.com>
Source record: 49199

On Wed, 22 Nov 2006 18:59:31 -0500, "C. J. Clegg"
<reply.in.group@nospam.no> wrote:

>On Wed, 22 Nov 2006 15:15:35 -0800, Richard Clark wrote:
>
>> Perhaps you would care
>> to elaborate how the simplicity of two extra wires has been trumped.
>
>I'll try, though from the tone of your message it sounds like your mind is
>made up. :-)

My mind is made up? I've repeatedly wondered why you have approached
this with a defeatist attitude.

>We will be operating on many different frequencies across the range of 4
>to 9.

Again, this has been apparent from the beginning.

>I don't even know (yet) how many different frequencies will be in
>use (they won't tell me).

That doesn't matter all that much, except to anticipate failure.

>So I can envision many pairs of dipole elements, each cut for a certain
>frequency in the range, and laid out like the spokes of a wheel.

If you re-read my posting, I've done nothing more complex than to add
TWO more wires. ALE may easily jump between 200 frequencies, but
there is absolutely nothing about that which demands a resonant
frequency for each of them.

>I have plenty of land here but I don't have ready supports for that kind
>of an array.
>
>That's what I mean by "impractical".

Then the solution is not impractical by any definition, you are simply
over embroidering the problem with a slavish interpretation of
necessity. One pair of wires cut to a low end, one pair of wires to a
high end, both pairs fed at the same point. It may take as many as
four pairs (I doubt it), but to abstract this wildly to 200 goes
beyond the pale when a skeleton biconical could easily accomplish this
with flat response (over a much larger bandwidth) with only 16 pairs
of equal sized wires.

This cage monopole:
http://home.comcast.net/~kb7qhc/antennas/verticals/Cage/cage.htm

is flat over 5 Ham bands.

This discone:
http://www.qsl.net/kb7qhc/antenna/Discone/discone.htm
operates flat over more than two octaves of bandwidth. With scaling, I can count at least 55 discrete frequencies that would fall into the 2:1 mismatch region - and this say nothing of those frequencies between them, nor of their end points which could be made to span 4 to 9 MHz.

Yes, a lot of wire, but use less wire for a rougher approximation. If you are looking at an arbitrary 50% efficiency, a 5:1 circle encompasses a lot more points for less wire.

73's
Richard Clark, KB7QHC

2776. Re: I just start the threads, you people have to keep them going.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 07:27:42 UTC
From: The Poet <tcsshortwave@yahoo.com>
Message-ID: <1164266862.849860.131870@l12g2000cwl.googlegroups.com>
Source record: 49200
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

Slow Code wrote:
> I just start the threads, You people need to keep them going.
>
> But if I see a Pro-coder getting ganged up on by CW haters, I'll
> come back in and help kick some no-code ass.
>
> Sc

Well, looks like most sensible people have your posts blocked, other
than myself and the uninitiated... so they never see your posts to
reply.

Me, I still find your idiocy to be somewhat entertaining... but in
time, I too shall tire of it and decide to "clean up my boards".

John Poet
"License? We don't need no stinkin' license"

2777. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 13:22:25 UTC
From: "C. J. Clegg" <reply.in.group@nospam.no>
Message-ID: <pan.2006.11.23.13.22.24.784289@nospam.no>
Source record: 49201

On Wed, 22 Nov 2006 22:35:39 -0800, Richard Clark wrote:

> This cage monopole:
> http://home.comcast.net/~kb7qhc/antennas/verticals/Cage/cage.htm
> is flat over 5 Ham bands.
>
> This discone:
> http://www.qsl.net/kb7qhc/antenna/Discone/discone.htm
> operates flat over more than two octaves of bandwidth.

Thanks. I have said earlier that I considered a discone (I also considered a cage monopole but didn't mention it here) but those are vertically polarized antennas and I'm pretty sure they're not good for NVIS. Am I wrong?

I am also considering an array of inverted vees cut for selected frequencies within the range, Something like that is likely to be much better for NVIS.

Sorry if I seemed to fit all those names you called me... you say I'm defeatist, one or two others here say I'm too optimistic. Can't please everybody I guess. For the most part I do very much appreciate all the help everyone has offered here, in a thread that has grown way beyond anything I envisioned when I started it ... you guys are great. :-)

2778. 5 Radio Frequency Interference Ferrite (RFI) Reducers for Round Cables

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 13:48:10 UTC
From: muldawer@gmail.com
Message-ID: <1164289689.977500.279700@e3g2000cwe.googlegroups.com>
Source record: 49202
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.swap

5 Radio Frequency Interference Ferrite (RFI) Reducers for Round Cables

Cut down on RFI (radio frequency interference) with this effective and easy to use clamp-type split ferrite choke core. Simply snap it over any coax cable, AC or audio cord.

Features/Specifications: Split ferrite RFI reducer for round cables
Clamp-type fitting
Uses high-performance ferrites (Nickel-Zinc) that reduce high frequency noise
Split ferrite assembly are fully enclosed in a Nylon case
Can be installed before or after product setup and assembly

Package Includes: RFI reducer for round cables

Product Requirements:
Suitable round cable

RFI filters can be pretty important when cables are run through big bundles of other cables or near strong power supplies. Put this RFI reducer on your round coax, AC, or audio cord to improve the signal quality. This Radio Frequency Interference Reducer is made with high-performance ferrites (Nickel-Zinc) to ensure a better filter process. It is small, only 1.2 inches long and snaps on in an instant.

2779. Re: Coffee grounds and cookie crumbs make good teaching aids.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 14:51:39 UTC
From: Old Time Ham <old_fart@curmudgeons.com>
Message-ID: <ka-dnVNxSpLhKPjYnZ2dnUVZ_qOdnZ2d@comcast.com>
Source record: 49203
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

Slow Code wrote:
> "Sal M. Onella" <salmonella@food.poisoning.org> wrote in
> news:0YQ8h.70$UC2.60@newsfe08.phx:
>
>> [Following seen on quote-back; I believe I have the OP twitted out.]
>>
>>> No-coders must go to the end of the line for refreshments at meetings.
>>> Code hams must be served first and should take more treats than they
>>> want and need. When all the code hams are served and there is nothing
>>> left, no-codes get the left-over Coffee grounds and Cookie crumbs. This
>>> will teach no-codes that by working harder to be better hams,
>> Not better hams ... just slo-o-o-wer hams! Morse is the most
>> inefficient means of communication we have. A kid can burp-speak the
>> alphabet faster than you can send it in Morse.
>
>
> I feel your pain. It must suck for you to have to live in Lid-ville.
>
>
> SC

Do any of you no-code lids remember the demonstration on Late night TV
when a couple of CW ops demonstrated and proved CW is MUCH faster than
"text messaging?" Yeah, it';s slow if you are a 5 WPM lid that has no
pride in themselves, but for REAL Hams it is efficient, and fast.

2780. CP nearly spherical

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 15:21:48 UTC
From: SamSvL <samsvl@nlr.nl>
Message-ID: <Xns9884A6756F505samsvlnlrnl@192.87.166.15>
Source record: 49204

What would be a good (free space, 1 GHz) antenna to achieve
circular polarizarion with a nearly spherical coverage?

Thanks,

Sam

2781. Re: Happy turkey day you no-code turkeys.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 16:05:55 UTC
From: Smokey <nospamtelegraph@intergate.com>
Message-ID: <12mbhhhsf907rbf@corp.supernews.com>
Source record: 49205
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

Why are these no-code idiots so DEFENSIVE? They're winning! What have these morons got to have an attitude about? It's us REAL HAMS...us CW operators that should be slinging the mud. All they have to do is be conceived, then try to figger out how to push the mike button now and...voila...they're so-called "hams." And the puff bags in Washington and Newington have handed them all the spectrum to use for their CB operations.

SLOW CODE...keep at it. I think your comments are right on the mark.

2782. Re: Happy turkey day you no-code turkeys.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 16:51:33 UTC
From: Steve Stone <zzspfleck@citlink.netzz>
Message-ID: <pkk9h.6202$ya1.1099@news02.roc.ny>
Source record: 49206
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

> It's us REAL HAMS...us CW operators
> that should be slinging the mud.

When you real hams, sitting on your fat asses come out of your musty shacks
and use your superior skills to help out your neighbors during local
emergencies I'll have some respect for you.
Join an ARES or RACES group.. or even a Skywarn net.
Until then you are just a waste of bandwidth and good potato chips.

2783. Re: Modifying CB whip for HF bands

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 16:56:35 UTC
From: Jeff L <jlco01@excite.com>
Message-ID: <bckbm2hd6o839nird4co3915vd18gfsmpg@4ax.com>
Source record: 49207

I made 3 of these antennas many years ago - 10m,15m and 20m - and use
them almost daily. They are modified Radio Shack 5/8 wave base-loaded.
They work very well, and are only about 2 feet tall. It involved
re-wiring just the coil. I use a trunk-lip mount, but they also work
with a magnetic mount. I don't have the article anymore, but I believe
it was in QST (maybe around the mid-80's) .

Jeff

On Wed, 22 Nov 2006 18:27:15 -0600, "w9gb" <spam_protect@arrl.net>
wrote:

>"Al, N1AW" <awoodhull@hampshire.edu> wrote in message
>news:1164205186.696791.162140@f16g2000cwb.googlegroups.com...
>> Eskay wrote:
>>> Al, N1AW wrote:
>>>
>>> > Some years ago I read a magazine article on modifying a base-loaded CB
>>> > magnetic mount antenna for lower bands.
>> [snip]
>>
>>> Is this for a mobile antenna?
>>
>> I guess I should have said so, yes, such antennas are meant for roof-
>> or trunk-mounting on a vehicle.
>>
>> - Al
>>
>
>Al -
>
>There were a large number of articles during the 1970s on this subject (73,
>CQ, Ham Radio magazines) -- as well as conversion of CB mobile whips to
>2-meter 5/8 wave antennas.
>
>Although a significant amount of information is electronics (Internet
>accessible) -- there is also a considerable amount that is still available
>through your local library. At best, you may find an electronic index of
>the materials.
>
>For example, Herb Freidman wrote a number of articles in Popular
>Electronics, Electronics Illustrated as well as the amateur radio
>journals -- yet I have to go through my local library's magazine and
>periodicals request network -- to get reprints of his Electronics
>Illustrated articles and materials.

>
>w9gb
>

2784. Re: Happy turkey day you no-code turkeys.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 17:19:58 UTC
From: etagg <etagg@twcny.rr.com>
Message-ID: <2Lk9h.25156$zB4.806@twister.nyroc.rr.com>
Source record: 49208
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.swap

```
and your a waste of a bag of skin
"Slow Code" <my.mail@no.spam> wrote in message
news:Wx59h.2179$ql2.1187@newsread3.news.pas.earthlink.net...
> Joe Bloe <abaslon@comcast.net> wrote in
> news:usg7m2dpptlqm40a033mgt187fh23u4gb3@4ax.com:
>
> > Dito. . . Oh yea, are you a "Daa" or just simply a "Dit"?
>
>
> You need to know how to use both well in order to be a skilled
> communicator, otherwise you're just a CB'er with a piece of paper.
>
> SC
```

2785. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 17:31:05 UTC
From: Tam/WB2TT <t-tammaru@c0mca$t.net>
Message-ID: <u56dnVRqU45SR_jYnZ2dnUVZ_sqdnZ2d@comcast.com>
Source record: 49209

"Dave Platt" <dplatt@radagast.org> wrote in message
news:12m72mbfsukll2f@corp.supernews.com...
> In article <pan.2006.11.21.22.33.54.864492@nospam.no>,
> C. J. Clegg <reply.in.group@nospam.no> wrote:
>
>>So, my questions are...
>
> Take my answers as best-guesstimates, please, rather than as gospel!
>
>>1. How do I determine the overall antenna length that will give me the
>>most efficient (which is to say, the least inefficient) performance across
>>the 4 to 9 MHz range?
>
> A range greater than 2:1 means that you're almost certainly going to
> run into at least one operating frequency at which the antenna itself
> is an extremely difficult load (very low, very high, and/or very
> reactive) and that most of your power is going to end up in the
> terminating resistor.

Since his range is just slightly more than 2:1, I wonder if he can pick the
resonance so that the thing is not full wave at any frequency of interest.

Either Mouser or Digikey had 50 W non inductive resistors.

Tam/WB2TT

2786. crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 18:13:29 UTC
From: Mark@kb9rqz.aprs
Message-ID: <55pbm2l4jq7r5t5qannl6r7ocenkgggno4@4ax.com>
Source record: 49210
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

On Thu, 23 Nov 2006 09:51:39 -0500, Old Time Ham
<old_fart@curmudgeons.com> wrote:

>Slow Code wrote:
>> "Sal M. Onella" <salmonella@food.poisoning.org> wrote in
>> news:0YQ8h.70$UC2.60@newsfe08.phx:
>>
>>> [Following seen on quote-back; I believe I have the OP twitted out.]
>>>
>>>> No-coders must go to the end of the line for refreshments at meetings.
>>>> Code hams must be served first and should take more treats than they
>>>> want and need. When all the code hams are served and there is nothing
>>>> left, no-codes get the left-over Coffee grounds and Cookie crumbs. This
>>>> will teach no-codes that by working harder to be better hams,
>>> Not better hams ... just slo-o-o-wer hams! Morse is the most
>>> inefficient means of communication we have. A kid can burp-speak the
>>> alphabet faster than you can send it in Morse.
>>
>>
>> I feel your pain. It must suck for you to have to live in Lid-ville.
>>
>>
>> SC
>
>Do any of you no-code lids remember the demonstration on Late night TV
>when a couple of CW ops demonstrated and proved CW is MUCH faster than
>"text messaging?" Yeah, it';s slow if you are a 5 WPM lid that has no
>pride in themselves, but for REAL Hams it is efficient, and fast.

so what?
the longbow was a better weapon in many ways than the crossbow or the
musket why did they replace it
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2787. crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 18:15:23 UTC
From: Mark@kb9rqz.aprs
Message-ID: <t8pbm2lrq57m5ogk5v8v6o28p23sctm02f@4ax.com>
Source record: 49211
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

On Thu, 23 Nov 2006 10:05:55 -0600, "Smokey"
<nospamtelegraph@intergate.com> wrote:

>Why are these no-code idiots so DEFENSIVE?

no we are being OFFENSIVE that is why we are winning
> They're winning! What have these
>morons got to have an attitude about? It's us REAL HAMS...us CW operators
>that should be slinging the mud. All they have to do is be conceived, then
>try to figger out how to push the mike button now and...voila...they're
>so-called "hams." And the puff bags in Washington and Newington have handed
>them all the spectrum to use for their CB operations.
>
>SLOW CODE...keep at it. I think your comments are right on the mark.
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2788. crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 18:16:39 UTC
From: Mark@kb9rqz.aprs
Message-ID: <lapbm2tf5gitrg1cqfg2rg1m3bo16dnba3@4ax.com>
Source record: 49212
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

On 22 Nov 2006 23:27:42 -0800, "The Poet" <tcsshortwave@yahoo.com>
wrote:

>
>Slow Code wrote:
>> I just start the threads, You people need to keep them going.
>>
>> But if I see a Pro-coder getting ganged up on by CW haters, I'll
>> come back in and help kick some no-code ass.
>>
>> Sc
>
>
>Well, looks like most sensible people have your posts blocked, other
>than myself and the uninitiated... so they never see your posts to
>reply.

I don't believe in blinders that is how the jews of europe deid
>
>Me, I still find your idiocy to be somewhat entertaining... but in
>time, I too shall tire of it and decide to "clean up my boards".
>
>
>John Poet
>"License? We don't need no stinkin' license"
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2789. Re: CP nearly spherical

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 19:04:22 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <Wgm9h.7725$9e.3808@trnddc02>
Source record: 49213

"SamSvL" <samsvl@nlr.nl> wrote in message
news:Xns9884A6756F505samsvlnlrnl@192.87.166.15...
> What would be a good (free space, 1 GHz) antenna to achieve
> circular polarizarion with a nearly spherical coverage?
>
> Thanks,
>
> Sam

Hi Sam

If you want "half spherical" coverage for receiving a circularly polarized signal, a turnstile is probably the easiest to build.
If your requirements for sensitivity are more stringent than the turnstile provides, a quadrafilar helix is excellant circular polarization.

Jerry

2790. Re: Questions on broadband antenna design (e.g. T2FD)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 20:03:47 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <chvbm21dim8vgtitc2o4sblhh9ae2ge8g9@4ax.com>
Source record: 49214

On Thu, 23 Nov 2006 08:22:25 -0500, "C. J. Clegg"
<reply.in.group@nospam.no> wrote:

>but those are
>vertically polarized antennas and I'm pretty sure they're not good for
>NVIS. Am I wrong?

1. Build the mirror elements;
2. Combine;
3. Turn 90 degrees;
4. Elevate.

73's
Richard Clark, KB7QHC

2791. Re: 5 Radio Frequency Interference Ferrite (RFI) Reducers for Round Cables

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 20:24:14 UTC
From: Allodoxaphobia <bit-bucket@config.com>
Message-ID: <slrnemc0re.2usq.bit-bucket@shell.config.com>
Source record: 49215
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.swap

On 23 Nov 2006 05:48:10 -0800, muldawer@gmail.com wrote:

> 5 Radio Frequency Interference Ferrite (RFI) Reducers for Round Cables

Rule #3 in play here.

http://bruce.pennypacker.org/spamrules.html

2792. Lets be RUDE and INSULT each OTHER for a change

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 20:56:19 UTC
From: Charlie <charlie@ease.biz>
Message-ID: <12mc2o9nfu05s32@corp.supernews.com>
Source record: 49216

Enough IS enough children!! You all are acting like babies!

Please people..let's let the Spirit of the Holidays prevail in our hearts.

--

73,Charlie-AD5TH (20 wpm Extra - 1995)
www.ad5th.com

2793. Re: Happy turkey day you no-code turkeys.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 21:42:55 UTC
From: Old Time Ham <old_fart@curmudgeons.com>
Message-ID: <yrGdnZicZpZCiPvYnZ2dnUVZ_qKdnZ2d@comcast.com>
Source record: 49217
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

Steve Stone wrote:
>> It's us REAL HAMS...us CW operators
>> that should be slinging the mud.
>
> When you real hams, sitting on your fat asses come out of your musty shacks
> and use your superior skills to help out your neighbors during local
> emergencies I'll have some respect for you.
> Join an ARES or RACES group.. or even a Skywarn net.
> Until then you are just a waste of bandwidth and good potato chips.
>
>
>
>

I am in both RACES and SKYWARN and just about puke every time some CB
reject say's "What's your 20?." I am forced to respond, "My location is
____, you jackass."

2794. crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 21:51:22 UTC
From: Mark@kb9rqz.aprs
Message-ID: <1t5cm2pob329scq7rh2tp8iqms7b210a4j@4ax.com>
Source record: 49218
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

On Thu, 23 Nov 2006 16:42:55 -0500, Old Time Ham
<old_fart@curmudgeons.com> wrote:

>Steve Stone wrote:
>>> It's us REAL HAMS...us CW operators
>>> that should be slinging the mud.
>>
>> When you real hams, sitting on your fat asses come out of your musty shacks
>> and use your superior skills to help out your neighbors during local
>> emergencies I'll have some respect for you.
>> Join an ARES or RACES group.. or even a Skywarn net.
>> Until then you are just a waste of bandwidth and good potato chips.
>>
>>
>>
>>
>
>I am in both RACES and SKYWARN and just about puke every time some CB
>reject say's "What's your 20?." I am forced to respond, "My location is
>____, you jackass."

so you choose to break to break the rules because else defys your
peronsonal taste just more proof you are a poor ham at best
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2795. Re: rf bandpass filters 2.4GHz

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 22:10:23 UTC
From: Chris Jones <lugnut808@nospam.yahoo.com>
Message-ID: <12mc72e72c5j395@corp.supernews.com>
Source record: 49219
Cross-posted to: sci.electronics.design,rec.radio.amateur.antenna,rec.radio.amateur.equipment,sci.electronics.misc

kevin.pavin@gmail.com wrote:

> Hi all,
>
> I am transmitting in channel 3 of 802.11b, centered at 2.422Ghz.
> Details aside, let me just say that it is very important for my
> application that I sharpen up the spectral mask beyond that of the
> 802.11b standard. To be specific I need to purchase a bandpass filter
> such that I get attenation of greater than 60dB at +- 15Mhz from the
> center, i..e outside of [2.407Ghz, 2.437Ghz]. I am looking for
> suggestions on where to purchase such filter(s) with the usual
> parameters in mind, cost, lead time, etc.
>
> I did see the filters that hyperlink sells, but it would take many of
> their 8 pole filters in series to get what I need and they additionally
> don't sell filters for one of the channels i would need. Maybe I need
> to go custom on this? Any suggestions are greatly appreciated.
> Thanks,
>
> Kevin

Send your spec to these guys, they should be able to help you or at least
tell you whether it can be done. I hope you can afford their products.
Their tunable notch filters are very nice and might be one way of avoiding
a custom design, though I don't know if they cover your frequency.
http://www.klmicrowave.com/index.shtml

2796. Re: Happy turkey day you no-code turkeys.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 22:16:57 UTC
From: Lloyd <lloyd@no.spammmmm>
Message-ID: <120987.108707.10.4.good.buddy@tarrnews.net>
Source record: 49220
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

On Thu, 23 Nov 2006 16:42:55 -0500, Old Time Ham <old_fart@curmudgeons.com> wrote:
> Steve Stone wrote:
> >> It's us REAL HAMS...us CW operators
> >> that should be slinging the mud.
> >
> > When you real hams, sitting on your fat asses come out of your musty shacks
> > and use your superior skills to help out your neighbors during local
> > emergencies I'll have some respect for you.
> > Join an ARES or RACES group.. or even a Skywarn net.
> > Until then you are just a waste of bandwidth and good potato chips.
> >
> >
> >
> >
>
> I am in both RACES and SKYWARN and just about puke every time some CB
> reject say's "What's your 20?." I am forced to respond, "My location is
> ____, you jackass."

10 signals are obsolete and are being officially dropped by most police
departments in favor of plain English. The announcement has been all
over CNN and FNN. Apparently, police professional organizations and
Homeland Security have recommended that 10 codes be dropped, and most
police departments are about to comply.

The use of 10 codes will now be the offical mark of a backward operator,
just as we have always known.

2797. FYI: Found this Radio site

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 23:02:22 UTC
From: Martin Johnson <ac7lk@aol.com>
Message-ID: <3oCdnQLTALoPtfvYnZ2dnUVZ_oSdnZ2d@nventure.com>
Source record: 49221
Cross-posted to: rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.amateur.spacerec.radio.scanner

intersting amateur mode :

http://www.kc7zwg.org

is this illegal?

2798. OOPS FYI: UPDATE !

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 23:05:14 UTC
From: Martin Johnson <ac7lk@aol.com>
Message-ID: <qIOdnZdU4v_dtPvYnZ2dnUVZ_uCdnZ2d@nventure.com>
Source record: 49222
Cross-posted to: alabama.birmingham.radio.amateur,clem.hamradio,rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.digital,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.swap,rec.rado.amateur.equipment,tamu.hamradio.bulletins,tnn.radio.amateur

sorry, i checked the wrong link
here is the real one:

never seen this done before.....
what is it anyway???

http://www.kc7zwg.org

is this illegal amateur radio activity ?

2799. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-23 23:10:31 UTC
From: Martin Johnson <ac7lk@aol.com>
Message-ID: <qIOdnZZU4v_nt_vYnZ2dnUVZ_uCdnZ2d@nventure.com>
Source record: 49223
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

MOTOROLA ! > of course....
http://www.kc7zwg.org
like that one......

Slow Code wrote:

> jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote in
> news:ej8knc$kn5$1@news.hawaii.edu:
>
>> John Smith <assemblywizard@gmail.com> wrote:
>>>Idiot, check your spelling, it's "group troll."
>>
>> Well, let's see if he ment "poll" or "troll":
>>
>>
>> 0 2 4 6 8 10
>> /
>> /
>> /
>> /
>> /
>> /
>> /
>> /
>> POLL-O-METER
>
>
>
> So what appliances does everyone hope Santa brings them for Xmas?
>
> HF, VHF, UHF, KENWOOD, YAESU, ICOM, Cobra?
>
>
> I couldn't think of anything for myself, so I hope I just get a some
> componants and a new soldering iron for projects so I can keep moving
> forward in ham radio.
>
> SC

2800. Re: OOPS FYI: UPDATE !

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 00:42:06 UTC
From: Caveat Lector <CL@nowhere.com>
Message-ID: <Adr9h.3029$YY.1514@newsfe12.phx>
Source record: 49224

"Martin Johnson" <ac7lk@aol.com> wrote in message
news:qIOdnZdU4v_dtPvYnZ2dnUVZ_uCdnZ2d@nventure.com...
> sorry, i checked the wrong link
> here is the real one:
>
> never seen this done before.....
> what is it anyway???
>
> http://www.kc7zwg.org
>
> is this illegal amateur radio activity ?

Looks normal and legal to me. The big horn antennas are probably commercial.
Very common for Amateur Radio Repeaters to share the mountain top site with
commercial folks. IRLP and EchoLink are legitimate Ham Modes

2801. Re: Lets be RUDE and INSULT each OTHER for a change

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 01:16:22 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <0uhcm2pi2g1cj1tll3o6ihl2jknlhae6ra@4ax.com>
Source record: 49225

ORIGINAL MESSAGE:

On Thu, 23 Nov 2006 14:56:19 -0600, "Charlie" <charlie@ease.biz>
wrote:

>Enough IS enough children!! You all are acting like babies!
>
>Please people..let's let the Spirit of the Holidays prevail in our hearts.

------------ REPLY FOLLOWS ------------

You must be new here. Welcome to Usenet!

73, Bill W6WRT

2802. Re: Lets be RUDE and INSULT each OTHER for a change

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 01:34:16 UTC
From: amdx <amdx@knology.net>
Message-ID: <da011$45664c05$45011502$16738@KNOLOGY.NET>
Source record: 49026

"Charlie" <charlie@ease.biz> wrote in message
news:12mc2o9nfu05s32@corp.supernews.com...
> Enough IS enough children!! You all are acting like babies!
>
> Please people..let's let the Spirit of the Holidays prevail in our hearts.
>
> --
>
> 73,Charlie-AD5TH (20 wpm Extra - 1995)
> www.ad5th.com
>
>
Well, uh, uh, slow code started it!

2803. Re: Coffee grounds and cookie crumbs make good teaching aids.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 01:37:37 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <B1s9h.2640$ql2.135@newsread3.news.pas.earthlink.net>
Source record: 49027
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap,rec.radio.shortwave

Old Time Ham <old_fart@curmudgeons.com> wrote in
news:ka-dnVNxSpLhKPjYnZ2dnUVZ_qOdnZ2d@comcast.com:

> Slow Code wrote:
>> "Sal M. Onella" <salmonella@food.poisoning.org> wrote in
>> news:0YQ8h.70$UC2.60@newsfe08.phx:
>>
>>> [Following seen on quote-back; I believe I have the OP twitted out.]
>>>
>>>> No-coders must go to the end of the line for refreshments at
>>>> meetings. Code hams must be served first and should take more treats
>>>> than they want and need. When all the code hams are served and there
>>>> is nothing left, no-codes get the left-over Coffee grounds and Cookie
>>>> crumbs. This will teach no-codes that by working harder to be better
>>>> hams,
>>> Not better hams ... just slo-o-o-wer hams! Morse is the most
>>> inefficient means of communication we have. A kid can burp-speak the
>>> alphabet faster than you can send it in Morse.
>>
>>
>> I feel your pain. It must suck for you to have to live in Lid-ville.
>>
>>
>> SC
>
> Do any of you no-code lids remember the demonstration on Late night TV
> when a couple of CW ops demonstrated and proved CW is MUCH faster than
> "text messaging?" Yeah, it';s slow if you are a 5 WPM lid that has no
> pride in themselves, but for REAL Hams it is efficient, and fast.

They don't like to be reminded about that contest. It shows the
difference between skilled and un-skilled. It also gets back to that
liberal political correctness thing. Everyone has to be equal, since not
everyone is good enough to rise to the top, they got to drag the top down.

SC

2804. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 01:37:40 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <E1s9h.2642$ql2.1992@newsread3.news.pas.earthlink.net>
Source record: 49028
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

"U-Know-Who" <no-one@nowhere.com> wrote in
news:Jo89h.2462$Gk5.1576@tornado.texas.rr.com:

>
> "Slow Code" <my.mail@no.spam> wrote in message
> news:Vx59h.2178$ql2.1579@newsread3.news.pas.earthlink.net...
>> Joe Bloe <abaslon@comcast.net> wrote in
>> news:oei7m2hhbvm46q3qmkkfl4k7ui4tdtqei9@4ax.com:
>>
>>> On Tue, 21 Nov 2006 00:54:50 GMT, Slow Code <my.mail@no.spam> wrote:
>>>
>>>>"U-Know-Who" <no-one@nowhere.com> wrote in
>>>>news:5lO7h.283$_H5.256@tornado.texas.rr.com:
>>>>
>>>>>
>>>>> "Slow Code" <my.mail@no.spam> wrote in message
>>>>> news:1wN7h.626$sf5.622@newsread4.news.pas.earthlink.net...
>>>>>> jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote in
>>>>>> news:ej8knc$kn5$1@news.hawaii.edu:
>>>>>>
>>>>>>> John Smith <assemblywizard@gmail.com> wrote:
>>>>>>>>Idiot, check your spelling, it's "group troll."
>>>>>>>
>>>>>>> Well, let's see if he ment "poll" or "troll":
>>>>>>>
>>>>>>>
>>>>>>> 0 2 4 6 8 10
>>>>>>> /
>>>>>>> /
>>>>>>> /
>>>>>>> /
>>>>>>> /
>>>>>>> /
>>>>>>> /
>>>>>>> /
>>>>>>> POLL-O-METER
>>>>>>
>>>>>>
>>>>>>
>>>>>> So what appliances does everyone hope Santa brings them for Xmas?
>>>>>>
>>>>>> HF, VHF, UHF, KENWOOD, YAESU, ICOM, Cobra?
>>>>>>

>>>>>>
>>>>>> I couldn't think of anything for myself, so I hope I just get a
>>>>>> some componants and a new soldering iron for projects so I can keep
>>>>>> moving forward in ham radio.
>>>>>>
>>>>>> SC
>>>>>
>>>>> And spell check for your PC. :-)
>>>>
>>>>
>>>>Which one do you have? I want Santa to bring me a different one. The
>>>>one you have doesn't work.
>>>>
>>>>SC
>>>
>>>
>>> Clip and paste to "Word for Windows". . . It's got the best spell
>>> checker in the market. Just leave it running in the backgrould and
>>> call it up when you need to type out a letter or two.
>>
>>
>> Thanks, I'll pass that on to U-Know-Who, but he probably don't have
>> word, just computer games.
>>
>> SC
>
> I have Office Pro 2003

WOW

SC

2805. Re: Happy turkey day you no-code turkeys.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 01:37:44 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <l1s9h.2644$ql2.1195@newsread3.news.pas.earthlink.net>
Source record: 49029
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

"Steve Stone" <zzspfleck@citlink.netzz> wrote in
news:pkk9h.6202$ya1.1099@news02.roc.ny:

>
>> It's us REAL HAMS...us CW operators
>> that should be slinging the mud.
>
> When you real hams, sitting on your fat asses come out of your musty
> shacks and use your superior skills to help out your neighbors during
> local emergencies I'll have some respect for you.
> Join an ARES or RACES group.. or even a Skywarn net.
> Until then you are just a waste of bandwidth and good potato chips.

Fine, then you losers don't come asking us to help you fix your radio's
after you break them. We got more important ham things we can be doing
than fixing a no-code hams broken radio.

SC

2806. Re: I just start the threads, you people have to keep them going.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 01:37:50 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <O1s9h.2647$ql2.395@newsread3.news.pas.earthlink.net>
Source record: 49030
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

"The Poet" <tcsshortwave@yahoo.com> wrote in
news:1164266862.849860.131870@l12g2000cwl.googlegroups.com:

>
> Slow Code wrote:
>> I just start the threads, You people need to keep them going.
>>
>> But if I see a Pro-coder getting ganged up on by CW haters, I'll
>> come back in and help kick some no-code ass.
>>
>> Sc
>
>
> Well, looks like most sensible people have your posts blocked, other
> than myself and the uninitiated... so they never see your posts to
> reply.
>
> Me, I still find your idiocy to be somewhat entertaining... but in
> time, I too shall tire of it and decide to "clean up my boards".
>
>
> John Poet

A lot of liberals and retards have me killfiled already. I won't truely
be happy until I'm in your killfile too, then I think we'll have about all
of the liberals and retards covered and I won't have to worry about seeing
retarded follow-ups.

SC

2807. Just listen to CB if you want to know what ham radio will sound like.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 01:37:55 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <T1s9h.2650$ql2.1375@newsread3.news.pas.earthlink.net>
Source record: 49031
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

We need to keep the CW requirement and increase it. We shouldn't let ham radio get dumbed down again.

SC

2808. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 02:09:54 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <Svs9h.2203$_H5.295@tornado.texas.rr.com>
Source record: 49032
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

```
"Slow Code" <my.mail@no.spam> wrote in message
news:E1s9h.2642$ql2.1992@newsread3.news.pas.earthlink.net...
> "U-Know-Who" <no-one@nowhere.com> wrote in
> news:Jo89h.2462$Gk5.1576@tornado.texas.rr.com:
>
>>
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:Vx59h.2178$ql2.1579@newsread3.news.pas.earthlink.net...
>>> Joe Bloe <abaslon@comcast.net> wrote in
>>> news:oei7m2hhbvm46q3qmkkfl4k7ui4tdtqei9@4ax.com:
>>>
>>>> On Tue, 21 Nov 2006 00:54:50 GMT, Slow Code <my.mail@no.spam> wrote:
>>>>
>>>>>"U-Know-Who" <no-one@nowhere.com> wrote in
>>>>>news:5lO7h.283$_H5.256@tornado.texas.rr.com:
>>>>>
>>>>>>
>>>>>> "Slow Code" <my.mail@no.spam> wrote in message
>>>>>> news:1wN7h.626$sf5.622@newsread4.news.pas.earthlink.net...
>>>>>>> jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote in
>>>>>>> news:ej8knc$kn5$1@news.hawaii.edu:
>>>>>>>
>>>>>>>> John Smith <assemblywizard@gmail.com> wrote:
>>>>>>>>>Idiot, check your spelling, it's "group troll."
>>>>>>>>
>>>>>>>> Well, let's see if he ment "poll" or "troll":
>>>>>>>>
>>>>>>>>
>>>>>>>> 0 2 4 6 8 10
>>>>>>>> /
>>>>>>>> /
>>>>>>>> /
>>>>>>>> /
>>>>>>>> /
>>>>>>>> /
>>>>>>>> /
>>>>>>>> /
>>>>>>>> POLL-O-METER
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>> So what appliances does everyone hope Santa brings them for Xmas?
>>>>>>>
```

>>>>>>> HF, VHF, UHF, KENWOOD, YAESU, ICOM, Cobra?
>>>>>>>
>>>>>>>
>>>>>>> I couldn't think of anything for myself, so I hope I just get a
>>>>>>> some componants and a new soldering iron for projects so I can keep
>>>>>>> moving forward in ham radio.
>>>>>>>
>>>>>>> SC
>>>>>>
>>>>>> And spell check for your PC. :-)
>>>>>
>>>>>
>>>>>Which one do you have? I want Santa to bring me a different one. The
>>>>>one you have doesn't work.
>>>>>
>>>>>SC
>>>>
>>>>
>>>> Clip and paste to "Word for Windows". . . It's got the best spell
>>>> checker in the market. Just leave it running in the backgrould and
>>>> call it up when you need to type out a letter or two.
>>>
>>>
>>> Thanks, I'll pass that on to U-Know-Who, but he probably don't have
>>> word, just computer games.
>>>
>>> SC
>>
>> I have Office Pro 2003
>
>
> WOW
>
> SC

I ran your posts through it. It said to please excuse the idiot in Colorado
who can't afford a high-speed connection.

2809. crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 02:15:01 UTC
From: Mark@kb9rqz.aprs
Message-ID: <39lcm25nhgakc5b736d5pvssccqdqisdet@4ax.com>
Source record: 49033
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap,rec.radio.shortwave

On Fri, 24 Nov 2006 01:37:37 GMT, Slow Code <my.mail@no.spam> wrote:

>Old Time Ham <old_fart@curmudgeons.com> wrote in
>news:ka-dnVNxSpLhKPjYnZ2dnUVZ_qOdnZ2d@comcast.com:
>
>> Slow Code wrote:
>>> "Sal M. Onella" <salmonella@food.poisoning.org> wrote in
>>> news:0YQ8h.70$UC2.60@newsfe08.phx:
>>>
>>>> [Following seen on quote-back; I believe I have the OP twitted out.]
>>>>
>>>>> No-coders must go to the end of the line for refreshments at
>>>>> meetings. Code hams must be served first and should take more treats
>>>>> than they want and need. When all the code hams are served and there
>>>>> is nothing left, no-codes get the left-over Coffee grounds and Cookie
>>>>> crumbs. This will teach no-codes that by working harder to be better
>>>>> hams,
>>>> Not better hams ... just slo-o-o-wer hams! Morse is the most
>>>> inefficient means of communication we have. A kid can burp-speak the
>>>> alphabet faster than you can send it in Morse.
>>>
>>>
>>> I feel your pain. It must suck for you to have to live in Lid-ville.
>>>
>>>
>>> SC
>>
>> Do any of you no-code lids remember the demonstration on Late night TV
>> when a couple of CW ops demonstrated and proved CW is MUCH faster than
>> "text messaging?" Yeah, it';s slow if you are a 5 WPM lid that has no
>> pride in themselves, but for REAL Hams it is efficient, and fast.
>
>
>
>They don't like to be reminded about that contest.

I don't mind t all I nor has any Nocoders ever stated that phone text
messages where each letter key has several leter is as good as morse
code for speed
> It shows the
>difference between skilled and un-skilled.
nope
> It also gets back to that

>liberal political correctness thing.

nope it has to do with not promting the unworthy
> Everyone has to be equal, since not
>everyone is good enough to rise to the top, they got to drag the top down.

you aint the top of anything
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2810. crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 02:15:49 UTC
From: Mark@kb9rqz.aprs
Message-ID: <edlcm2h9u2socern4u4vlp1siq26v8n13p@4ax.com>
Source record: 49034
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

On Fri, 24 Nov 2006 01:37:44 GMT, Slow Code <my.mail@no.spam> wrote:

>"Steve Stone" <zzspfleck@citlink.netzz> wrote in
>news:pkk9h.6202$ya1.1099@news02.roc.ny:
>
>>
>>> It's us REAL HAMS...us CW operators
>>> that should be slinging the mud.
>>
>> When you real hams, sitting on your fat asses come out of your musty
>> shacks and use your superior skills to help out your neighbors during
>> local emergencies I'll have some respect for you.
>> Join an ARES or RACES group.. or even a Skywarn net.
>> Until then you are just a waste of bandwidth and good potato chips.
>
>
>Fine, then you losers don't come asking us to help you fix your radio's
>after you break them.

no prblem OTOH I have yet to break a radio
> We got more important ham things we can be doing
>than fixing a no-code hams broken radio.

yes like spreading you homophobia
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2811. crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 02:16:28 UTC
From: Mark@kb9rqz.aprs
Message-ID: <5flcm294aom3297ibmkvf1cjabeucgmr6c@4ax.com>
Source record: 49035
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

On Fri, 24 Nov 2006 01:37:50 GMT, Slow Code <my.mail@no.spam> wrote:

>"The Poet" <tcsshortwave@yahoo.com> wrote in
>news:1164266862.849860.131870@l12g2000cwl.googlegroups.com:
>
>>
>> Slow Code wrote:
>>> I just start the threads, You people need to keep them going.
>>>
>>> But if I see a Pro-coder getting ganged up on by CW haters, I'll
>>> come back in and help kick some no-code ass.
>>>
>>> Sc
>>
>>
>> Well, looks like most sensible people have your posts blocked, other
>> than myself and the uninitiated... so they never see your posts to
>> reply.
>>
>> Me, I still find your idiocy to be somewhat entertaining... but in
>> time, I too shall tire of it and decide to "clean up my boards".
>>
>>
>> John Poet
>
>
>A lot of liberals and retards have me killfiled already. I won't truely
>be happy until I'm in your killfile too, then I think we'll have about all
>of the liberals and retards covered and I won't have to worry about seeing
>retarded follow-ups.

get help old man
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2812. crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 02:22:58 UTC
From: Mark@kb9rqz.aprs
Message-ID: <uqlcm2lu1dm9eh7jseh95pq6pmh41ee0ka@4ax.com>
Source record: 49036
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Fri, 24 Nov 2006 01:37:55 GMT, Slow Code <my.mail@no.spam> wrote:

>
>
>We need to keep the CW requirement and increase it. We shouldn't let ham
>radio get dumbed down again.

why are trying to end the dumbing down of people in Human Modems
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2813. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 03:38:05 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <5Ot9h.23202$m9.5940@bignews2.bellsouth.net>
Source record: 49037

"Denny" <k8do@mailblocks.com> wrote in message
news:1163866966.660425.301150@f16g2000cwb.googlegroups.com...
> Single band tuners... Link ratio is tuned to the antenna impedence...
> All hand made parts including the variable caps... Only ones in the
> world and like nuttin you ever saw before... Works like gangbusters...
> Just a little hobby to keep me out of bars and from shooting dice on
> street corners...
>
> denny
>
> Cecil Moore wrote:
>
>
>> Your link coupling is a better solution although
>> a fixed number of turns in the link probably won't
>> work 3-30 MHz.
>
I remember a tuner like that from the Air Force ham club. When you changed
bands you unplugged a coil and its link. Fed a big 80M thru 10M LPA.
Balanced feedline from the tuner to outside and up the tower was made of
1/2 inch copper tubing. I was impressed , but then again it didnt take that
much to impress me back then.

2814. Re: CP nearly spherical

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 04:32:01 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <7Bu9h.3363$zd1.1498@newsfe16.phx>
Source record: 49038

"SamSvL" <samsvl@nlr.nl> wrote in message
news:Xns9884A6756F505samsvlnlrnl@192.87.166.15...
> What would be a good (free space, 1 GHz) antenna to achieve
> circular polarizarion with a nearly spherical coverage?
>
> Thanks,

Near 1.5 Ghz the "Patch" antenna works well for me and my GPS receiver. I
THINK it is CP but which rotation??? Some sources indicate you have to nick
alternate corners of the radiating element to achieve CP. I don't know.

Google .com tells me the GPS patch is available at
http://users.bart.nl/users/plundahl/antenne/patchant.htm

or a 2.4 GHz version at http://www.rc-cam.com/gp_patch.htm#GPP_faq

You scale it to your approximate center freq. Good luck

2815. Re: Coffee grounds and cookie crumbs make good teaching aids.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 05:39:01 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <Wzv9h.3034$YY.2842@newsfe12.phx>
Source record: 49039
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

"Old Time Ham" <old_fart@curmudgeons.com> wrote in message
news:ka-dnVNxSpLhKPjYnZ2dnUVZ_qOdnZ2d@comcast.com...
>

> > I feel your pain. It must suck for you to have to live in Lid-ville.
> >

it';s slow if you are a 5 WPM lid that has no
> pride in themselves, but for REAL Hams it is efficient, and fast.

I just looked up "lid" - a poor operator, one who does not follow proper procedures or sends sloppy Morse code. (Not me on either count. It's a silly insult to throw around when you don't know somebody.)

Moderator, can we rename this thread? I think "Mode Rage" sounds right.

(If it keeps going, I can claim that you're not real hams if you don't do Amateur TV at 1.2 GHz. Then what?)

2816. Re: CP nearly spherical

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 08:20:11 UTC
From: SamSvL <samsvl@nlr.nl>
Message-ID: <Xns98855EF9FB5E6samsvlnlrnl@192.87.166.16>
Source record: 49040

"Jerry Martes" <j.jmartes@verizon.net> wrote in
news:Wgm9h.7725$9e.3808@trnddc02:

>
> "SamSvL" <samsvl@nlr.nl> wrote in message
> news:Xns9884A6756F505samsvlnlrnl@192.87.166.15...
>> What would be a good (free space, 1 GHz) antenna to achieve
>> circular polarizarion with a nearly spherical coverage?
>>
>> Thanks,
>>
>> Sam
>
>
> Hi Sam
>
> If you want "half spherical" coverage for receiving a circularly
> polarized
> signal, a turnstile is probably the easiest to build.
> If your requirements for sensitivity are more stringent than the
> turnstile
> provides, a quadrafilar helix is excellant circular polarization.
>
> Jerry
>
Hi Jerry,

Unfortunately I am looking for the full sphere :-(

Sam

2817. Re: CP nearly spherical

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 08:21:24 UTC
From: SamSvL <samsvl@nlr.nl>
Message-ID: <Xns98855F2E5CC73samsvlnlrnl@192.87.166.16>
Source record: 49041

"Sal M. Onella" <salmonella@food.poisoning.org> wrote in
news:7Bu9h.3363$zd1.1498@newsfe16.phx:

>
> "SamSvL" <samsvl@nlr.nl> wrote in message
> news:Xns9884A6756F505samsvlnlrnl@192.87.166.15...
>> What would be a good (free space, 1 GHz) antenna to achieve
>> circular polarizarion with a nearly spherical coverage?
>>
>> Thanks,
>
> Near 1.5 Ghz the "Patch" antenna works well for me and my GPS
> receiver. I THINK it is CP but which rotation??? Some sources
> indicate you have to nick alternate corners of the radiating element
> to achieve CP. I don't know.
>
> Google .com tells me the GPS patch is available at
> http://users.bart.nl/users/plundahl/antenne/patchant.htm
>
> or a 2.4 GHz version at http://www.rc-cam.com/gp_patch.htm#GPP_faq
>
> You scale it to your approximate center freq. Good luck
>
>
Thanks. But the patch covers only hemisphere (and a little bit more)
and I am looking for the full sphere!

Sam

2818. Re: Coffee grounds and cookie crumbs make good teaching aids.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 08:43:27 UTC
From: Not Lloyd <anon@anon>
Message-ID: <g2vtm.pfa.19.1@news.alt.net>
Source record: 49042
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

"Sal M. Onella" <salmonella@food.poisoning.org> wrote in message
news:Wzv9h.3034$YY.2842@newsfe12.phx...

"Old Time Ham" <old_fart@curmudgeons.com> wrote in message
news:ka-dnVNxSpLhKPjYnZ2dnUVZ_qOdnZ2d@comcast.com...
>

> > I feel your pain. It must suck for you to have to live in Lid-ville.
> >

it';s slow if you are a 5 WPM lid that has no
> pride in themselves, but for REAL Hams it is efficient, and fast.

I just looked up "lid" - a poor operator, one who does not follow proper procedures or sends sloppy Morse code. (Not me on either count. It's a silly insult to throw around when you don't know somebody.)

Moderator, can we rename this thread? I think "Mode Rage" sounds right.

(If it keeps going, I can claim that you're not real hams if you don't do Amateur TV at 1.2 GHz. Then what?)
>
There is no moderator here. Mark, however, considers himself to the de-facto self-appointed Knight-In-Shining-Armor/protector/moderator who defends no-coders against the onslaught of us pro-coders. Of course it is worth noting that Mark is the only no-coder in this group.

Mark has not mastered the art of even 5wpm and stubbornly maintains that he will never do so. He posits that he should be handed a General or above license because he feels CW is outdated. This from a guy who cannot author a cohesive sentence and who, despite many freeware spell check programs, refuses to make an effort toward rendering his third grade level disjointed posts readable.

Mark continues to assert that he is trying to clean up this newsgroup (rrap) while in reality his fifty to sixty (often more) daily posts have driven many of the previous Hams away.

When Mark blundered into this newsgroup with his trash, it was the old cliche', There Went The Neighborhood.

Of course Mark will have to comment. As Slow Code has previously noted, Mark simply cannot let a post go by without crapping on it. As always, Mark will change the subject line.
Sorry, Mork. I won't read your response. I no longer read the fifty to sixty posts you change the Subject line on.

--
nor can he spell his insults correctly if he is going to attack my
spellinghis should be beyond repaorch
Mark Morgan

2819. Re: Coffee grounds make lloyd davies look stoopid

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 08:53:14 UTC
From: Steveo <moparholic@hotmail.com>
Message-ID: <20061124035357.508$QG_-_@newsreader.com>
Source record: 49043
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

"Not Lloyd" <anon@anon> wrote:
> Sorry, Mork. I won't read your response. I no longer read the fifty to
> sixty posts you change the Subject line on.
>
Hey ass fuck, dogie adair n8wwm welcomes you aboard.

2820. Re: WHY WE SEE LLOYD DAVIES NOVFP

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 09:21:53 UTC
From: Steveo <moparholic@hotmail.com>
Message-ID: <20061124042236.687$nH_-_@newsreader.com>
Source record: 49044
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.scanner,alt.ham-radio.vhf-uhf

"Mork Dork" <anon@anon> wrote:
> "Steveo" <moparholic@hotmail.com> wrote in message
> news:20061124031027.999$g2@newsreader.com...
> "I PUNCE" <markpunce@yahoo.com> wrote:
> >
> >
> Fuck you lloyd davies.
>
> >
> Garsh, Woger Wabbit.
>
Nope. You'd like to get away with blaming your fucked up posts on roger wiseman, when in fact you are fat-tard nocode NOVFP llloyd davies the Alabama pizza delivery boy acting a fool and too stupid for CW. (slow code)

http://i9.tinypic.com/4btneo9.jpg

You are almost as fugly as n8wwm, but not quite. See ya'll soon.

2821. Re: CP nearly spherical

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 16:08:55 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <rOE9h.9036$9e.2359@trnddc02>
Source record: 49045

"SamSvL" <samsvl@nlr.nl> wrote in message
news:Xns98855EF9FB5E6samsvlnlrnl@192.87.166.16...
> "Jerry Martes" <j.jmartes@verizon.net> wrote in
> news:Wgm9h.7725$9e.3808@trnddc02:
>
>>
>> "SamSvL" <samsvl@nlr.nl> wrote in message
>> news:Xns9884A6756F505samsvlnlrnl@192.87.166.15...
>>> What would be a good (free space, 1 GHz) antenna to achieve
>>> circular polarizarion with a nearly spherical coverage?
>>>
>>> Thanks,
>>>
>>> Sam
>>
>>
>> Hi Sam
>>
>> If you want "half spherical" coverage for receiving a circularly
>> polarized
>> signal, a turnstile is probably the easiest to build.
>> If your requirements for sensitivity are more stringent than the
>> turnstile
>> provides, a quadrafilar helix is excellant circular polarization.
>>
>> Jerry
>>
> Hi Jerry,
>
> Unfortunately I am looking for the full sphere :-(
>
> Sam

Hi Sam

You may have alot of difficulty locating a design for an antenna that radiates a given "circular" polarization with "spherical" coverage. I consider those requirements to be entirely beyond reality. Are you planning to build this antenna or buy it *off the shelf*?

Jerry

2822. Re: Modifying CB whip for HF bands

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 16:48:10 UTC
From: "Al, N1AW" <awoodhull@hampshire.edu>
Message-ID: <1164386890.751666.261290@14g2000cws.googlegroups.com>
Source record: 49046

Jeff L wrote:
> I made 3 of these antennas many years ago - 10m,15m and 20m - and use
> them almost daily. They are modified Radio Shack 5/8 wave base-loaded.
> They work very well, and are only about 2 feet tall. It involved
> re-wiring just the coil. I use a trunk-lip mount, but they also work
> with a magnetic mount. I don't have the article anymore, but I believe
> it was in QST (maybe around the mid-80's) .

Thanks Jeff! I'm pretty sure the article I was thinking of did not come from QST. Seib, VE3JUA found and sent to me an article from 73, Sept 91, pp. 26-28 titled "Economical Mobile HF Antenna" which is probably the one I remembered.

I'd also like to find a copy of the QST article. I used to have a complete collection of QST back to the 70's but that went away too, I just couldn't continue to store all my old magazines. The ARRL website allows a search for articles, but in most cases the article text can't be retrieved. I found a number of possibilities, but I can't tell from the titles if one of them is really the one you mentioned. If anyone on the list can help to pin this down I'd appreciate it. At this point it's not so much for the sake of the information, but just to be able to properly give credit in an article I may write about some of my own mobile antenna experiments.

Both the 73 article and the QST article you refer to mention modifying new antennas from Radio Shack, in one case a CB antenna and in the other case a 5/8 wave 2 meter antenna. Both of these types of antenna typically use a coaxial base with a tapped loading coil, and so either is a good starting point for a modification project. However, for me the attractiveness of the technique is that it can also be used with used CB antennas that can be found for just a dollar or two at neighborhood tag sales. They are not as easy to find as they used to be, but I'm sure there are still a lot of them in garages and attics.

2823. Those wonderful TOYS!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 17:03:25 UTC
From: maxfoo <maxfoo@punkass.com>
Message-ID: <3r8em2hgqap3pbpoqi7m4dghfuouloadfp@4ax.com>
Source record: 49047
Cross-posted to: alt.binaries.schematics.electronic,sci.electronics.cad,sci.electronics.design,sci.electronics.misc,comp.arch.embedded,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,sci.electronics.repair

GAWD, These kids nowadays have it made!
Check out this kewl hotwheels radar gun on sale for $20.00 at Walmart.
I wonder if it's accurate though, I might just pick one up and
dissect it!!
Anyone already get one of these, is it accurate? TIA

http://www.walmart.com/catalog/product.do?product_id=4661205

2824. Re: Those wonderful TOYS!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 17:24:23 UTC
From: Donald <Donald@dontdoithere.com>
Message-ID: <R-SdnQxemOVUt_rYnZ2dnUVZ_r2dnZ2d@comcast.com>
Source record: 49048
Cross-posted to: alt.binaries.schematics.electronic,sci.electronics.cad,sci.electronics.design,sci.electronics.misc,comp.arch.embedded,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,sci.electronics.repair

maxfoo wrote:

> GAWD, These kids nowadays have it made!
> Check out this kewl hotwheels radar gun on sale for $20.00 at Walmart.
> I wonder if it's accurate though, I might just pick one up and
> dissect it!!
> Anyone already get one of these, is it accurate? TIA
>
> http://www.walmart.com/catalog/product.do?product_id=4661205
>
>
>
The link did not work.

Please post the real name of the product.

Thank You

Donald

2825. Re: Those wonderful TOYS!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 17:29:22 UTC
From: Donald <Donald@dontdoithere.com>
Message-ID: <R-SdnQ9emOVptvrYnZ2dnUVZ_r2dnZ2d@comcast.com>
Source record: 49049
Cross-posted to: alt.binaries.schematics.electronic,sci.electronics.cad,sci.electronics.design,sci.electronics.misc,comp.arch.embedded,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,sci.electronics.repair

Donald wrote:

> maxfoo wrote:
>
>> GAWD, These kids nowadays have it made!
>> Check out this kewl hotwheels radar gun on sale for $20.00 at Walmart.
>> I wonder if it's accurate though, I might just pick one up and dissect
>> it!!
>> Anyone already get one of these, is it accurate? TIA
>>
>> http://www.walmart.com/catalog/product.do?product_id=4661205
>>
>>
>>
> The link did not work.
>
> Please post the real name of the product.
>
> Thank You
>
> Donald

Never mind, it worked the third time.

donald

2826. Re: Happy turkey day you no-code turkeys.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 18:13:17 UTC
From: AC7PN <brunius@rockisland.com>
Message-ID: <1164391997.538434.178960@l39g2000cwd.googlegroups.com>
Source record: 49050
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

Slow Code wrote:
> and Happy Thanksgiving Pro-Coders.
>
> SC

The purpose amateur radio is communications. Real HAMs can communicate with CW and they also speak English, Spanish, and French. Those who can only speak English are stupid, idiots, turkeys, and are only wimpy HAMs. Real HAMs are also a little narrow minded, intolerant and arrogant. If you are one of those open minded and tolerant people you are not a real HAM and you are probably a liberal, left-wing, homo-faggot.

2827. Re: CP nearly spherical

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 18:18:18 UTC
From: RST Engineering <jim@rstengineering.com>
Message-ID: <THG9h.6$Bd7.36901@news.sisna.com>
Source record: 49051

Two CP hemispheric antennas back to back feeding a Wilkinson adder.

Jim

"SamSvL" <samsvl@nlr.nl> wrote in message
news:Xns98855EF9FB5E6samsvlnlrnl@192.87.166.16...
> Hi Jerry,
>
> Unfortunately I am looking for the full sphere :-(
>
> Sam
>

2828. Re: Modifying CB whip for HF bands

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 18:20:21 UTC
From: w9gb <spam_protect@arrl.net>
Message-ID: <EoGdnZUHitR2qvrYnZ2dnUVZ_vudnZ2d@comcast.com>
Source record: 49052

"Al, N1AW" <awoodhull@hampshire.edu> wrote in message
news:1164386890.751666.261290@14g2000cws.googlegroups.com...
> Jeff L wrote:
>> I made 3 of these antennas many years ago - 10m,15m and 20m - and use
>> them almost daily. They are modified Radio Shack 5/8 wave base-loaded.
>> They work very well, and are only about 2 feet tall. It involved
>> re-wiring just the coil. I use a trunk-lip mount, but they also work
>> with a magnetic mount. I don't have the article anymore, but I believe
>> it was in QST (maybe around the mid-80's) .
>
> Thanks Jeff! I'm pretty sure the article I was thinking of did not
> come from QST. Seib, VE3JUA found and sent to me an article from 73,
> Sept 91, pp. 26-28 titled "Economical Mobile HF Antenna" which is
> probably the one I remembered.
>
> I'd also like to find a copy of the QST article. I used to have a
> complete collection of QST back to the 70's but that went away too, I
> just couldn't continue to store all my old magazines. The ARRL website
> allows a search for articles, but in most cases the article text can't
> be retrieved. I found a number of possibilities, but I can't tell from
> the titles if one of them is really the one you mentioned. If anyone on
> the list can help to pin this down I'd appreciate it. At this point
> it's not so much for the sake of the information, but just to be able
> to properly give credit in an article I may write about some of my own
> mobile antenna experiments.
>
> Both the 73 article and the QST article you refer to mention modifying
> new antennas from Radio Shack, in one case a CB antenna and in the
> other case a 5/8 wave 2 meter antenna. Both of these types of antenna
> typically use a coaxial base with a tapped loading coil, and so either
> is a good starting point for a modification project. However, for me
> the attractiveness of the technique is that it can also be used with
> used CB antennas that can be found for just a dollar or two at
> neighborhood tag sales. They are not as easy to find as they used to
> be, but I'm sure there are still a lot of them in garages and attics.
>

The best antennas for these modifications were the Antenna Specialists
loading coils (about 2 to 3 inches tall) Motorola also sold these under
their brand name for a few years.
The ASPS177 was that typical model.
http://wildcard.pctel.com/images_product_overview/pdf_docs/asps177_asp553_p473.pdf

You can also find these surplus as many public services are moving to higher
frequencies (and away from 150 -172) in some areas. I also find ones with

broken whips, etc. The whip replacements (K41 for this model) are available from either Tower Electronics or Antenna Specialists (PCTEL company).
http://www.antenna.com/product_overview_detail.cgi?id_num=10459&styleid=6

w9gb

2829. Re: Those wonderful TOYS!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 19:08:50 UTC
From: maxfoo <maxfoo@punkass.com>
Message-ID: <cngem2pab698qdvea9as3r81m6c8kikn8o@4ax.com>
Source record: 49053
Cross-posted to: alt.binaries.schematics.electronic,sci.electronics.cad,sci.electronics.design,sci.electronics.misc,comp.arch.embedded,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,sci.electronics.repair

On Fri, 24 Nov 2006 10:24:23 -0700, Donald <Donald@dontdoithere.com> wrote:

>maxfoo wrote:
>
>> GAWD, These kids nowadays have it made!
>> Check out this kewl hotwheels radar gun on sale for $20.00 at Walmart.
>> I wonder if it's accurate though, I might just pick one up and
>> dissect it!!
>> Anyone already get one of these, is it accurate? TIA
>>
>> http://www.walmart.com/catalog/product.do?product_id=4661205
>>
>>
>>
>The link did not work.
>
>Please post the real name of the product.
>
>Thank You
>
>Donald

Walmart.com is temporarily unavailable due to high traffic volume. We appreciate
your patience. Please check back shortly to see our great values.

Gawd, now I have to go to the store to pick one up :(

2830. Re: Those wonderful TOYS!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 19:26:07 UTC
From: Impmon <impmon@digi.mon>
Message-ID: <gmhem2db2fk4227ftfkd5nak4i268qej6c@4ax.com>
Source record: 49054
Cross-posted to: alt.binaries.schematics.electronic,sci.electronics.cad,sci.electronics.design,sci.electronics.misc,comp.arch.embedded,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,sci.electronics.repair

On Fri, 24 Nov 2006 12:03:25 -0500, maxfoo <maxfoo@punkass.com> wrote:

>GAWD, These kids nowadays have it made!
>Check out this kewl hotwheels radar gun on sale for $20.00 at Walmart.
>I wonder if it's accurate though, I might just pick one up and
>dissect it!!
>Anyone already get one of these, is it accurate? TIA

And how high can it record speed? I'd like to try and nail a few
pimple-faced, pill-popping, high school dropouts who thinks 25MPH
speed limit means it's OK to rip down the road at 75. If it's
accurate enough, a video camera recording the speed and the offending
vehicle with its license place would stop them hopefully before they
get a new hood ornament in the form of a 3 year old child.
--
When you hear the toilet flush, and hear the words "uh oh", it's already
too late. - by anonymous Mother in Austin, TX
Spam block in place, no emil reply is expected at all.

2831. Re: Those wonderful TOYS!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 19:29:31 UTC
From: default <default@defaulter.net>
Message-ID: <mjhem29bjc52hfjm502cfm9f4b5q7s0fqc@4ax.com>
Source record: 49102
Cross-posted to: alt.binaries.schematics.electronic,sci.electronics.cad,sci.electronics.design,sci.electronics.misc,comp.arch.embedded,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,sci.electronics.repair

On Sat, 25 Nov 2006 02:39:27 GMT, Impmon <impmon@digi.mon> wrote:

>Hmmm... since it is the same as x-band, I wonder if I used those on
>freeway, maybe I could scare a few lead foots who has radar detector?
>Say I'm coasting down the expressway at posted speed limit when
>someone zips past me as if the driver's pants were on fire. Pick up
>the toy gun and zap the offending car. If the driver has radar
>detector on, he'd panic and slow down a bit.
>--

Very easy to build a gunn diode oscillator and scare the pants off
leadfoot at a 5+ mile range.

You need a gunn diode, 8 volt regulated supply, one small bypass cap
and copper end cap pipe fitting and piece of copper/ and some brass
screws to make a mount for the diode.

If you have an old radar detector with good gunn oscillator it can
also make a good X band source for triggering radar detectors - just
isolate the diode/horn sub assembly (you don't need the other parts
just the gunn diode, cavity, bypass cap and power supply). Tune the
cavity screws for maximum effect.

-----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

2832. Re: Those wonderful TOYS!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 19:34:47 UTC
From: default <default@defaulter.net>
Message-ID: <72iem21r81d3varidmgqe5248sa3bhi8dr@4ax.com>
Source record: 49104
Cross-posted to: alt.binaries.schematics.electronic,sci.electronics.cad,sci.electronics.design,sci.electronics.misc,comp.arch.embedded,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,sci.electronics.repair

On Fri, 24 Nov 2006 19:26:07 GMT, Impmon <impmon@digi.mon> wrote:

>If it's
>accurate enough, a video camera recording the speed and the offending
>vehicle with its license place would stop them hopefully before they
>get a new hood ornament in the form of a 3 year old child.
>--

A video camera with on screen timer and known distance markers could
do the same thing - poor man's Vascar system . . .

Then you'd only have to fight the bureaucracy to make a citizens
arrest stick . . . or just convince the local TV station to take up
your cause - that would probably be a lot easier than dealing directly
with government.

-----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

2833. Re: Those wonderful TOYS!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 19:34:55 UTC
From: maxfoo <maxfoo@punkass.com>
Message-ID: <h8iem21p36es3lpeodmrl5rupii7g3jt3m@4ax.com>
Source record: 49056
Cross-posted to: alt.binaries.schematics.electronic,sci.electronics.cad,sci.electronics.design,sci.electronics.misc,comp.arch.embedded,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,sci.electronics.repair

On Fri, 24 Nov 2006 14:39:59 -0500, John Popelish <jpopelish@rica.net> wrote:

>Impmon wrote:
>
>> And how high can it record speed? I'd like to try and nail a few
>> pimple-faced, pill-popping, high school dropouts who thinks 25MPH
>> speed limit means it's OK to rip down the road at 75. If it's
>> accurate enough, a video camera recording the speed and the offending
>> vehicle with its license place would stop them hopefully before they
>> get a new hood ornament in the form of a 3 year old child.
>
>I suspect its readout is scaled to Hotwheels scale, not
>actual speed.

Nope, it does "real speed" the amazon review says;

Amazon.com Review
Ever wonder just how fast you get your favorite Hot Wheels car to go? Or how speedy you are on your own bike? You donï¿½t need to be pulled over by a cop to find out. The Hot Wheels Radar Gun does the job for you, using all sorts of state-of-the-art technology. Just set the scale to 1/64th or real speed, and MPH or KPH, aim the gun at objects coming toward you or moving away, squeeze the trigger, and check out the digital readout. Simple as that! Now you can set new speed goals, and actually find out if youï¿½ve attained them. The 1/64th scale speed reflects the fact that Hot Wheels cars are 1/64th the size of a real car. So if a Hot Wheels car goes 10 MPH, the calculation is 10 MPH X 64 = 640 MPH! Now we begin to understand why those wheels are so hot! Requires four "AAA" batteries (not included).--Emilie Coulter

Product Description
Now you can read the speed of your favorite Hot Wheels racing vehicles. With point-and-read real-life styling and super-cool graphics. Not for use with some Hot Wheels vehicles. Requires 4 AAA batteries- not included.

2834. Re: Those wonderful TOYS!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 19:39:18 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <l8qdnWTzHqP71_rYnZ2dnUVZ_tydnZ2d@comcast.com>
Source record: 49057
Cross-posted to: alt.binaries.schematics.electronic,sci.electronics.cad,sci.electronics.design,sci.electronics.misc,comp.arch.embedded,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,sci.electronics.repair

maxfoo wrote:

> GAWD, These kids nowadays have it made!
> Check out this kewl hotwheels radar gun on sale for $20.00 at Walmart.
> I wonder if it's accurate though, I might just pick one up and
> dissect it!!
> Anyone already get one of these, is it accurate? TIA
>
> http://www.walmart.com/catalog/product.do?product_id=4661205
>
>
>

The link worked using Netscape 7.1 and IE 7.1

2835. Re: Those wonderful TOYS!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 19:39:59 UTC
From: John Popelish <jpopelish@rica.net>
Message-ID: <yuudnR9GOOej1frYnZ2dnUVZ_v2dnZ2d@adelphia.com>
Source record: 49055
Cross-posted to: alt.binaries.schematics.electronic,sci.electronics.cad,sci.electronics.design,sci.electronics.misc,comp.arch.embedded,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,sci.electronics.repair

Impmon wrote:

> And how high can it record speed? I'd like to try and nail a few
> pimple-faced, pill-popping, high school dropouts who thinks 25MPH
> speed limit means it's OK to rip down the road at 75. If it's
> accurate enough, a video camera recording the speed and the offending
> vehicle with its license place would stop them hopefully before they
> get a new hood ornament in the form of a 3 year old child.

I suspect its readout is scaled to Hotwheels scale, not
actual speed.

2836. Re: Those wonderful TOYS!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 19:49:23 UTC
From: John Popelish <jpopelish@rica.net>
Message-ID: <yuudnR5GOOfv1_rYnZ2dnUVZ_v2dnZ2d@adelphia.com>
Source record: 49058
Cross-posted to: alt.binaries.schematics.electronic,sci.electronics.cad,sci.electronics.design,sci.electronics.misc,comp.arch.embedded,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,sci.electronics.repair

maxfoo wrote:
> On Fri, 24 Nov 2006 14:39:59 -0500, John Popelish <jpopelish@rica.net> wrote:

>> I suspect its readout is scaled to Hotwheels scale, not
>> actual speed.
>
>
> Nope, it does "real speed" the amazon review says;
>
> Amazon.com Review
> Ever wonder just how fast you get your favorite Hot Wheels car to go? Or how
> speedy you are on your own bike? You don’t need to be pulled over by a cop to
> find out. The Hot Wheels Radar Gun does the job for you, using all sorts of
> state-of-the-art technology. Just set the scale to 1/64th or real speed, and MPH
> or KPH, aim the gun at objects coming toward you or moving away, squeeze the
> trigger, and check out the digital readout. Simple as that! Now you can set new
> speed goals, and actually find out if you’ve attained them. The 1/64th scale
> speed reflects the fact that Hot Wheels cars are 1/64th the size of a real car.
> So if a Hot Wheels car goes 10 MPH, the calculation is 10 MPH X 64 = 640 MPH!
> Now we begin to understand why those wheels are so hot! Requires four "AAA"
> batteries (not included).--Emilie Coulter
(snip)

I stand corrected. Thank you.

2837. Re: crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 20:42:00 UTC
From: Bret Ludwig <bretldwig@yahoo.com>
Message-ID: <1164400920.156674.34510@14g2000cws.googlegroups.com>
Source record: 49059
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Mark@kb9rqz.aprs wrote:
> On Fri, 24 Nov 2006 01:37:55 GMT, Slow Code <my.mail@no.spam> wrote:
>
> >
> >
> >We need to keep the CW requirement and increase it. We shouldn't let ham
> >radio get dumbed down again.
>
More important is that Extras at least should have to prove they can
solder, troubleshoot, and use test equipment do determine if a radio
operator is or is not in compliance.

2838. Re: crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 21:08:36 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <4mnem2hsqreo5apdamb4sf9pgnnmlkpa44@4ax.com>
Source record: 49060
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

ORIGINAL MESSAGE:

On 24 Nov 2006 12:42:00 -0800, "Bret Ludwig" <bretldwig@yahoo.com>
wrote:

> More important is that Extras at least should have to prove they can
>solder, troubleshoot, and use test equipment do determine if a radio
>operator is or is not in compliance.

---------- REPLY FOLLOWS ----------

I couldn't resist. :-)

Exactly how does one use solder to determine if a radio operator is or
is not in compliance?

Made my day.

Bill, W6WRT

2839. Re: Those wonderful TOYS!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 21:20:29 UTC
From: maxfoo <maxfoo@punkass.com>
Message-ID: <kboem29mk5r7fm6bpi0bmsj7ph18e1kqbq@4ax.com>
Source record: 49061
Cross-posted to: alt.binaries.schematics.electronic,sci.electronics.cad,sci.electronics.design,sci.electronics.misc,comp.arch.embedded,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,sci.electronics.repair

On Fri, 24 Nov 2006 19:26:07 GMT, Impmon <impmon@digi.mon> wrote:

>On Fri, 24 Nov 2006 12:03:25 -0500, maxfoo <maxfoo@punkass.com> wrote:
>
>>GAWD, These kids nowadays have it made!
>>Check out this kewl hotwheels radar gun on sale for $20.00 at Walmart.
>>I wonder if it's accurate though, I might just pick one up and
>>dissect it!!
>>Anyone already get one of these, is it accurate? TIA
>
>And how high can it record speed? I'd like to try and nail a few
>pimple-faced, pill-popping, high school dropouts who thinks 25MPH
>speed limit means it's OK to rip down the road at 75. If it's
>accurate enough, a video camera recording the speed and the offending
>vehicle with its license place would stop them hopefully before they
>get a new hood ornament in the form of a 3 year old child.

On the box it claims it does actual speeds up to 100 MPH. It's a hot item on
EBAY, but you can get it cheaper at Walmart or Amazon, the sell it on ebay! ;)

2840. Re: Happy turkey day you no-code turkeys.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 21:29:46 UTC
From: JOHN D <jawnd393one@yahoo.com>
Message-ID: <evJ9h.6046$IW2.4244@trndny03>
Source record: 49062
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

Why am I wasteing my time brushing up on radio & electronic theory and studying schematics when, apparantly, all I need is better cw skills to enable me to fix my radios.

2841. Re: crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 21:56:16 UTC
From: Bret Ludwig <bretldwig@yahoo.com>
Message-ID: <1164405376.587815.167280@l12g2000cwl.googlegroups.com>
Source record: 49063
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Bill Turner wrote:
> ORIGINAL MESSAGE:
>
> On 24 Nov 2006 12:42:00 -0800, "Bret Ludwig" <bretldwig@yahoo.com>
> wrote:
>
> > More important is that Extras at least should have to prove they can
> >solder, troubleshoot, and use test equipment do determine if a radio
> >operator is or is not in compliance.
>
> ------------ REPLY FOLLOWS ------------
>
> I couldn't resist. :-)
>
> Exactly how does one use solder to determine if a radio operator is or
> is not in compliance?
>
> Made my day.
>

There is this thing called a comma. We have three things here:

1. Solder.
2. Troubleshoot.
3. Use test equipment to determine if a radio operator is, or is not,
in compliance.

Three separate activities.

2842. Re: crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 22:00:10 UTC
From: John Doe <hgorden@adelphia.net>
Message-ID: <_fWdnUI139bK9vrYnZ2dnUVZ_r-dnZ2d@adelphia.com>
Source record: 49064
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

maybe its not solder - he probably ment weld aluminum!

"Bill Turner" <noway@nowhow.com> wrote in message
news:4mnem2hsqreo5apdamb4sf9pgnnmlkpa44@4ax.com...
> ORIGINAL MESSAGE:
>
> On 24 Nov 2006 12:42:00 -0800, "Bret Ludwig" <bretldwig@yahoo.com>
> wrote:
>
>> More important is that Extras at least should have to prove they can
>>solder, troubleshoot, and use test equipment do determine if a radio
>>operator is or is not in compliance.
>
> ------------ REPLY FOLLOWS ------------
>
> I couldn't resist. :-)
>
> Exactly how does one use solder to determine if a radio operator is or
> is not in compliance?
>
> Made my day.
>
> Bill, W6WRT

2843. Re: Those wonderful TOYS!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 22:11:49 UTC
From: John Doe <hgorden@adelphia.net>
Message-ID: <1M2dnRXxNvmP8_rYnZ2dnUVZ_vqdnZ2d@adelphia.com>
Source record: 49065
Cross-posted to: alt.binaries.schematics.electronic,sci.electronics.cad,sci.electronics.design,sci.electronics.misc,comp.arch.embedded,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,sci.electronics.repair
Body handling: Inline uuencoded payload not displayed: spacer.gif

its a toy - doesn't say up to what speed it can read!

Features & Specifications

Now you can read the speed of your favorite Hot Wheels racing vehicles
with this Hot Wheels Radar Gun. With point-and-read real-life styling, and a
sharp, streamlined design, you'll prove once and for all who's king of the
road.

a.. Sleek red and silver design
b.. Cool graphics
c.. Simple point-and-read real life styling
d.. Not for use with some Hot Wheels vehicles
e.. Uses 4 AAA batteries, not included

Shipping Weight (in pounds): 2.0

Product in Inches (L x W x H): 15.0 x 3.75 x 10.0

Assembled in Country of Origin: Imported

Origin of Components: Imported

Wal-Mart No.: 000776692

"maxfoo" <maxfoo@punkass.com> wrote in message
news:cngem2pab698qdvea9as3r81m6c8kikn8o@4ax.com...
> On Fri, 24 Nov 2006 10:24:23 -0700, Donald <Donald@dontdoithere.com>
> wrote:
>
>>maxfoo wrote:
>>
>>> GAWD, These kids nowadays have it made!
>>> Check out this kewl hotwheels radar gun on sale for $20.00 at Walmart.
>>> I wonder if it's accurate though, I might just pick one up and
>>> dissect it!!
>>> Anyone already get one of these, is it accurate? TIA
>>>
>>> http://www.walmart.com/catalog/product.do?product_id=4661205
>>>
>>>
>>>
>>The link did not work.
>>

>>Please post the real name of the product.
>>
>>Thank You
>>
>>Donald
>
>
> Walmart.com is temporarily unavailable due to high traffic volume. We
> appreciate
> your patience. Please check back shortly to see our great values.
>
> Gawd, now I have to go to the store to pick one up :(
>
>

[Inline uuencoded payload not displayed: spacer.gif]

2844. Re: CP nearly spherical

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 22:23:12 UTC
From: Walter Maxwell <walt@w2du.com>
Message-ID: <t5qem2hmrhgj6j6c19239u7pgojf2lg285@4ax.com>
Source record: 49067

On Thu, 23 Nov 2006 19:04:22 GMT, "Jerry Martes" <j.jmartes@verizon.net> wrote:

>
>"SamSvL" <samsvl@nlr.nl> wrote in message
>news:Xns9884A6756F505samsvlnlrnl@192.87.166.15...
>> What would be a good (free space, 1 GHz) antenna to achieve
>> circular polarizarion with a nearly spherical coverage?
>>
>> Thanks,
>>
>> Sam
>
>
> Hi Sam
>
> If you want "half spherical" coverage for receiving a circularly polarized
>signal, a turnstile is probably the easiest to build.
> If your requirements for sensitivity are more stringent than the turnstile
>provides, a quadrafilar helix is excellant circular polarization.
>
> Jerry
>
Hi Sam,

FYI, the quadrifilar helix comprises two bifilar helices fed in phase quadrature. The result is hemispherical radiation in the radiation sphere. But the hemispherical radiation results from the combined radiations from each bifilar helix. Consequently, radiation from a single bifilar helix is spherical, with the polizarization sense the same throughout the sphere, unlike the radiation from a turnstile, which radiates one polarization sense above the equator and the opposite sense below the equator, where the turnstile elements lie on the equator.

You can find info on the bifilar helix in Chapter 22 of Reflections, eds 1 and 2. If you don't have a copy of Reflections available, Chapter 22 is available for downloading from my web page at www.w2du.com. Click on "Read Chapters from Reflections 2" and then click on 'Chapter 22, Quadrifilar Antenna'.

Fig 22-5 shows the radiation pattern for the quadrifilar, but the radiation in the 180ï¿½ direction is suppressed due to the effect of the second helix positioned 90ï¿½ from the first helix, and fed in quadrature (90ï¿½) relative to the first. In the absence of the second helix the radiation from a single bifilar is spherical.

Fig 22-8 shows a simple method of feeding the bifilar helix--it's called an 'infinite balun', because the current that would flow on the outside surface of

the coax when feeding a doublet dipole without a balun is now flowing on the outside surface of the radiator, which is what we want.

If you're interested in further info on the helices used in quadrifilars or bifilars, see the report on my R&D experiment on quadrifilars, in which I measured radiation patterns and driving point impedances on more than a thousand different configurations of the quadrifilar. The R&D report is available for downloading on my web page. Click first on "Read Appendices from Reflections 2", and then click on 'Appendix 13, RCA R&D Quadrifilar Helix Antenna'.

Hope this helps,

Walt Maxwell, W2DU

2845. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 22:26:15 UTC
From: Mark@kb9rqz.aprs
Message-ID: <ibsem294is2bjap55r5757hvfbiadrkilf@4ax.com>
Source record: 49068
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

On 24 Nov 2006 09:28:00 GMT, Steveo <moparholic@hotmail.com> wrote:

>"U-Know-Who" <no-one@nowhere.com> wrote:
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:E1s9h.2642$ql2.1992@newsread3.news.pas.earthlink.net...
>> > "U-Know-Who" <no-one@nowhere.com> wrote in
>> > news:Jo89h.2462$Gk5.1576@tornado.texas.rr.com:
>> >
>> >>
>> >> "Slow Code" <my.mail@no.spam> wrote in message
>> >> news:Vx59h.2178$ql2.1579@newsread3.news.pas.earthlink.net...
>> >>> Joe Bloe <abaslon@comcast.net> wrote in
>> >>> news:oei7m2hhbvm46q3qmkkfl4k7ui4tdtqei9@4ax.com:
>> >>>
>> >>>> On Tue, 21 Nov 2006 00:54:50 GMT, Slow Code <my.mail@no.spam> wrote:
>> >>>>
>> >>>>>"U-Know-Who" <no-one@nowhere.com> wrote in
>> >>>>>news:5lO7h.283$_H5.256@tornado.texas.rr.com:
>> >>>>>
>> >>>>>>
>> >>>>>> "Slow Code" <my.mail@no.spam> wrote in message
>> >>>>>> news:1wN7h.626$sf5.622@newsread4.news.pas.earthlink.net...
>> >>>>>>> jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote in
>> >>>>>>> news:ej8knc$kn5$1@news.hawaii.edu:
>> >>>>>>>
>> >>>>>>>> John Smith <assemblywizard@gmail.com> wrote:
>> >>>>>>>>>Idiot, check your spelling, it's "group troll."
>> >>>>>>>>
>> >>>>>>>> Well, let's see if he ment "poll" or "troll":
>> >>>>>>>>
>> >>>>>>>>
>> >>>>>>>> 0 2 4 6 8 10
>> >>>>>>>> /
>> >>>>>>>> /
>> >>>>>>>> /
>> >>>>>>>> /
>> >>>>>>>> /
>> >>>>>>>> /
>> >>>>>>>> /
>> >>>>>>>> /
>> >>>>>>>> POLL-O-METER
>> >>>>>>>>
>> >>>>>>>
>> >>>>>>>

>> >>>>>>>
>> >>>>>>> So what appliances does everyone hope Santa brings them for Xmas?
>> >>>>>>>
>> >>>>>>> HF, VHF, UHF, KENWOOD, YAESU, ICOM, Cobra?
>> >>>>>>>
>> >>>>>>>
>> >>>>>>> I couldn't think of anything for myself, so I hope I just get a
>> >>>>>>> some componants and a new soldering iron for projects so I can
>> >>>>>>> keep moving forward in ham radio.
>> >>>>>>>
>> >>>>>>> SC
>> >>>>>>
>> >>>>>> And spell check for your PC. :-)
>> >>>>>
>> >>>>>
>> >>>>>Which one do you have? I want Santa to bring me a different one.
>> >>>>>The one you have doesn't work.
>> >>>>>
>> >>>>>SC
>> >>>>
>> >>>>
>> >>>> Clip and paste to "Word for Windows". . . It's got the best spell
>> >>>> checker in the market. Just leave it running in the backgrould and
>> >>>> call it up when you need to type out a letter or two.
>> >>>
>> >>>
>> >>> Thanks, I'll pass that on to U-Know-Who, but he probably don't have
>> >>> word, just computer games.
>> >>>
>> >>> SC
>> >>
>> >> I have Office Pro 2003
>> >
>> >
>> > WOW
>> >
>> > SC
>>
>> I ran your posts through it. It said to please excuse the idiot in
>> Colorado who can't afford a high-speed connection.
I gues you are trying convnce me that you arw ole woger
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2846. Re: crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 22:26:30 UTC
From: Brenda Ann <brendad@shinbiro.com>
Message-ID: <ek7rgv$2u7$1@news2.kornet.net>
Source record: 49069
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

```
--
Say no to institutionalized interference.
Just say NO to HD/IBOC!
"Bret Ludwig" <bretldwig@yahoo.com> wrote in message
news:1164405376.587815.167280@l12g2000cwl.googlegroups.com...
>
> Bill Turner wrote:
>> ORIGINAL MESSAGE:
>>
>> On 24 Nov 2006 12:42:00 -0800, "Bret Ludwig" <bretldwig@yahoo.com>
>> wrote:
>>
>> > More important is that Extras at least should have to prove they can
>> >solder, troubleshoot, and use test equipment do determine if a radio
>> >operator is or is not in compliance.
>>
>> ------------ REPLY FOLLOWS ------------
>>
>> I couldn't resist. :-)
>>
>> Exactly how does one use solder to determine if a radio operator is or
>> is not in compliance?
>>
>> Made my day.
>>
>
> There is this thing called a comma. We have three things here:
>
> 1. Solder.
> 2. Troubleshoot.
> 3. Use test equipment to determine if a radio operator is, or is not,
> in compliance.
>
> Three separate activities.

Ah, but English is a wonderful and bizarre language. The beauty of the
sentence is that it can, indeed (ESPECIALLY with the commas) be read the way
Bill brought up.
```

2847. Re: Operation of bootstrap coax traps

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 22:28:59 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <ifrem25t0elgimuovl376uqggu26qn54c2@4ax.com>
Source record: 49066

On Mon, 20 Nov 2006 15:20:30 GMT, Cecil Moore <mycall@hotmail.com>
wrote:

>Owen Duffy wrote:
>> It seems to me that an explanation that considers that I1=I2, or that
>> propagation time on the coax is zero, or that the inner conductor
>> forms a inductance with mutual coupling to the outside of the outer
>> conductor is flawed.
>
>Is the following information available?
>
>1. Compared to a 468/f CF dipole, what is the length
>of the trapped dipole wire between the traps at resonance?
>
>2. Compared to a 468/f CF dipole, what is the
>resonant feedpoint impedance of the trapped dipole?

Cecil, I don't think there is a single answer to either of the
questions, if there is, it probably depends on so many assumptions as
to be even less relevant than the answer to those questions for a
dipole without the traps.

To illustrate the point, I have seen an optimal length / diameter
ratio proposed for the traps, but none of the articles that I have
seen explains what factors were considered in the optimisation, or the
extent of the optimisation. So what does an "optimised trap" mean?

My experience with coaxtraps on low HF is that they are relatively low
L/C and do not result in much shortening of the antenna. If one of the
reasons for trapping an antenna is to reduce its length, then other
trap designs are probably better for that purpose.

Owen
--

2848. Re: Coffee grounds and cookie crumbs make good teaching aids.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 22:31:30 UTC
From: Mark@kb9rqz.aprs
Message-ID: <6isem2lku81skure2pvs4gvc51sikpn75b@4ax.com>
Source record: 49070
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

On Fri, 24 Nov 2006 03:43:27 -0500, "Not Lloyd" <anon@anon> wrote:

>
>"Sal M. Onella" <salmonella@food.poisoning.org> wrote in message
>news:Wzv9h.3034$YY.2842@newsfe12.phx...
>
>"Old Time Ham" <old_fart@curmudgeons.com> wrote in message
>news:ka-dnVNxSpLhKPjYnZ2dnUVZ_qOdnZ2d@comcast.com...
>>
>
>> > I feel your pain. It must suck for you to have to live in Lid-ville.
>> >
>
> it';s slow if you are a 5 WPM lid that has no
>> pride in themselves, but for REAL Hams it is efficient, and fast.
>
>I just looked up "lid" - a poor operator, one who does not follow proper
>procedures or sends sloppy Morse code. (Not me on either count. It's a
>silly insult to throw around when you don't know somebody.)
>
>Moderator, can we rename this thread? I think "Mode Rage" sounds right.
>
>(If it keeps going, I can claim that you're not real hams if you don't do
>Amateur TV at 1.2 GHz. Then what?)
>>
>There is no moderator here. Mark, however, considers himself to the de-facto
>self-appointed Knight-In-Shining-Armor/protector/moderator who defends
>no-coders against the onslaught of us pro-coders. Of course it is worth
>noting that Mark is the only no-coder in this group.

that of course depend on the meaning of the prhase no coder there are
many Nocoder here that is what the fight is a bout after all

amazing how you it seems can master tha rt of CW at high ((but you
fail to prove you have this skill) but can't learn to quote correctly
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2849. Re: Happy turkey day you no-code turkeys.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 22:34:10 UTC
From: Mark@kb9rqz.aprs
Message-ID: <vnsem2do74nsojmk4ke0d0vptutt0neieb@4ax.com>
Source record: 49071
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

On Fri, 24 Nov 2006 21:29:46 GMT, "JOHN D" <jawnd393one@yahoo.com>
wrote:

>
>Why am I wasteing my time brushing up on radio & electronic theory and
>studying schematics when, apparantly, all I need is better cw skills to
>enable me to fix my radios.
>
indeed why own a radio at all we are told all you need is Cw skill and
the message will get through even without it

of course I see it CW skill is neede since it works without a radio
we need to QSO with the silent keys and collect that rare dx althought
how we get a QSL card form th eheaven or hel is cchalenge
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2850. Re: Those wonderful TOYS!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-24 23:54:38 UTC
From: Spehro Pefhany <speffSNIP@interlogDOTyou.knowwhat>
Message-ID: <j61fm2t1fgt67i1qtcri332mb1u60sbcvi@4ax.com>
Source record: 49072
Cross-posted to: alt.binaries.schematics.electronic,sci.electronics.cad,sci.electronics.design,sci.electronics.misc,comp.arch.embedded,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,sci.electronics.repair

On Fri, 24 Nov 2006 12:03:25 -0500, the renowned maxfoo
<maxfoo@punkass.com> wrote:

>GAWD, These kids nowadays have it made!
>Check out this kewl hotwheels radar gun on sale for $20.00 at Walmart.
>I wonder if it's accurate though, I might just pick one up and
>dissect it!!
>Anyone already get one of these, is it accurate? TIA
>
>http://www.walmart.com/catalog/product.do?product_id=4661205
>

Interesting. Someone must be out there flogging a set of components
for radar guns. I bought a Bushnell one for measuring baseball speed
for < $100 not too long ago. It seems to agree fairly well (within a
couple MPH) with the professional models.

Best regards,
Spehro Pefhany
--
"it's the network..." "The Journey is the reward"
speff@interlog.com Info for manufacturers: http://www.trexon.com
Embedded software/hardware/analog Info for designers: http://www.speff.com

2851. Re: crapthon goes on

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-25 01:19:16 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <pp5fm2ptisj1gpcsk1masprn8gh36o7u9f@4ax.com>
Source record: 49073
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

ORIGINAL MESSAGE:

On 24 Nov 2006 13:56:16 -0800, "Bret Ludwig" <bretldwig@yahoo.com>
wrote:

> There is this thing called a comma. We have three things here:
>
>1. Solder.
>2. Troubleshoot.
>3. Use test equipment to determine if a radio operator is, or is not,
>in compliance.
>
> Three separate activities.

------------ REPLY FOLLOWS ------------

The way you have it written conjoins all three activities into one,
which is applied to determining if the radio operator, etc, etc.

Here's a better way:

"More important is that Extras at least should have to prove they can
solder, troubleshoot, and in addition, use test equipment do determine
if a radio operator is or is not in compliance.

There are some other styles that could be used too, but just stinging
together words separated by commas is begging for misinterpretation.
Perhaps you were absent that day.

"Unambiguous" is one of my favorite words. :-)

Bill, W6WRT
shoulda been a lawyer

2852. Re: Those wonderful TOYS!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-25 01:28:19 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12mf71kl0u1l985@corp.supernews.com>
Source record: 49074
Cross-posted to: alt.binaries.schematics.electronic,sci.electronics.cad,sci.electronics.design,sci.electronics.misc,comp.arch.embedded,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,sci.electronics.repair

Unit operates on 10.525 Ghz and has a range of 39 (Thirty Nine) Feet....

Now for the laugh of the day. I was in the local Office Depot and saw a
pair of GMRS/FRS Ht's on the shelf. The package claimed 14 (Fourteen)
Miles range on GMRS High Power....

Dave N

John Doe wrote:
> its a toy - doesn't say up to what speed it can read!
>
> Features & Specifications
>
>
> Now you can read the speed of your favorite Hot Wheels racing vehicles
> with this Hot Wheels Radar Gun. With point-and-read real-life styling, and a
> sharp, streamlined design, you'll prove once and for all who's king of the
> road.
>
> a.. Sleek red and silver design
> b.. Cool graphics
> c.. Simple point-and-read real life styling
> d.. Not for use with some Hot Wheels vehicles
> e.. Uses 4 AAA batteries, not included
>
>
>
> Shipping Weight (in pounds): 2.0
>
> Product in Inches (L x W x H): 15.0 x 3.75 x 10.0
>
> Assembled in Country of Origin: Imported
>
> Origin of Components: Imported
>
> Wal-Mart No.: 000776692
>
>
>
> "maxfoo" <maxfoo@punkass.com> wrote in message
> news:cngem2pab698qdvea9as3r81m6c8kikn8o@4ax.com...
>
>>On Fri, 24 Nov 2006 10:24:23 -0700, Donald <Donald@dontdoithere.com>

>>wrote:
>>
>>
>>>maxfoo wrote:
>>>
>>>
>>>>GAWD, These kids nowadays have it made!
>>>>Check out this kewl hotwheels radar gun on sale for $20.00 at Walmart.
>>>>I wonder if it's accurate though, I might just pick one up and
>>>>dissect it!!
>>>>Anyone already get one of these, is it accurate? TIA
>>>>
>>>>http://www.walmart.com/catalog/product.do?product_id=4661205
>>>>
>>>>
>>>>
>>>
>>>The link did not work.
>>>
>>>Please post the real name of the product.
>>>
>>>Thank You
>>>
>>>Donald
>>
>>
>>Walmart.com is temporarily unavailable due to high traffic volume. We
>>appreciate
>>your patience. Please check back shortly to see our great values.
>>
>>Gawd, now I have to go to the store to pick one up :(
>>
>>
>
>
>

2853. Re: Those wonderful TOYS!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-25 02:10:18 UTC
From: maxfoo <maxfoo@punkass.com>
Message-ID: <ma9fm294923vh4fj34r0bhnftmld6u9jkj@4ax.com>
Source record: 49075
Cross-posted to: alt.binaries.schematics.electronic,sci.electronics.cad,sci.electronics.design,sci.electronics.misc,comp.arch.embedded,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,sci.electronics.repair

On Fri, 24 Nov 2006 19:28:19 -0600, "David G. Nagel" <nagel@core.com> wrote:

>Unit operates on 10.525 Ghz and has a range of 39 (Thirty Nine) Feet....

That is correct! It uses a 10.525GHz DRO circuitry.
Someone took it apart and posted the photos on the web.

http://www.austech.info/showthread.php?t=135840&page=1

2854. Re: Those wonderful TOYS!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-25 02:39:27 UTC
From: Impmon <impmon@digi.mon>
Message-ID: <a1bfm2tab4kdqkoo4inu83ignq8vg23r7v@4ax.com>
Source record: 49076
Cross-posted to: alt.binaries.schematics.electronic,sci.electronics.cad,sci.electronics.design,sci.electronics.misc,comp.arch.embedded,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,sci.electronics.repair

On Fri, 24 Nov 2006 21:10:18 -0500, maxfoo <maxfoo@punkass.com> wrote:

>>Unit operates on 10.525 Ghz and has a range of 39 (Thirty Nine) Feet....
>
>That is correct! It uses a 10.525GHz DRO circuitry.
>Someone took it apart and posted the photos on the web.
>
>http://www.austech.info/showthread.php?t=135840&page=1

Hmmm... since it is the same as x-band, I wonder if I used those on
freeway, maybe I could scare a few lead foots who has radar detector?
Say I'm coasting down the expressway at posted speed limit when
someone zips past me as if the driver's pants were on fire. Pick up
the toy gun and zap the offending car. If the driver has radar
detector on, he'd panic and slow down a bit.
--
When you hear the toilet flush, and hear the words "uh oh", it's already
too late. - by anonymous Mother in Austin, TX
Spam block in place, no emil reply is expected at all.

2855. Re: WTB Bug Catcher Antenna Coil 80 meter large dia and Cap hat Large dia

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-25 03:00:44 UTC
From: Jerry <joxendi@bellsouth.net>
Message-ID: <XiO9h.16330$K9.14003@bignews4.bellsouth.net>
Source record: 49077

"aa8wl" <aa8wl@comcast.net> wrote in message
news:1164135197.752300.40750@m73g2000cwd.googlegroups.com...
>I am looking for the large 80 meter coil and large capacity hat for a
> bug catcher. Let me know what you have and all details, TNX 73' de
> aa8wl, Sam

How big do you want it? Tell me and I will MAKE you a big coil. Three
inches is a pretty good size, but can go bigger.
>
> aa8wl@comcast.net
>

2856. Re: WTB Bug Catcher Antenna Coil 80 meter large dia and Cap hat Large dia

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-25 06:14:53 UTC
From: Ed <Huckleberry_REMOVE_@bigvalley.net>
Message-ID: <Xns9885E35AD7F65spectrumhogstarbandn@198.186.192.196>
Source record: 49078

> How big do you want it? Tell me and I will MAKE you a big coil. Three
> inches is a pretty good size, but can go bigger.

I have a different question than the original poster had, for you. In making those coils, What do you use up the center of the coil to both insulate, and connect the lower mast and the upper whip? Assuming standard 3/8" 24 threaded connectors.....

TNX

Ed K7AAT

2857. Re: Coffee grounds and cookie crumbs make good teaching aids.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-25 07:33:59 UTC
From: an_old_friend <kb9rqz69@hotmail.com>
Message-ID: <1164440039.164133.293950@f16g2000cwb.googlegroups.com>
Source record: 49079
Cross-posted to: rec.radio.cb,alt.usenet.kooks,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

Mark@kb9rqz.aprs wrote:
> On Fri, 24 Nov 2006 03:43:27 -0500, "Not Lloyd" <anon@anon> wrote:
>
> >
> >"Sal M. Onella" <salmonella@food.poisoning.org> wrote in message
> >news:Wzv9h.3034$YY.2842@newsfe12.phx...
> >
> >"Old Time Ham" <old_fart@curmudgeons.com> wrote in message
> >news:ka-dnVNxSpLhKPjYnZ2dnUVZ_qOdnZ2d@comcast.com...
> >>
> >
> >> > I feel your pain. It must suck for you to have to live in Lid-ville.
> >> >
> >
> > it';s slow if you are a 5 WPM lid that has no
> >> pride in themselves, but for REAL Hams it is efficient, and fast.
> >
> >I just looked up "lid" - a poor operator, one who does not follow proper
> >procedures or sends sloppy Morse code. (Not me on either count. It's a
> >silly insult to throw around when you don't know somebody.)
> >
> >Moderator, can we rename this thread? I think "Mode Rage" sounds right.
> >
> >(If it keeps going, I can claim that you're not real hams if you don't do
> >Amateur TV at 1.2 GHz. Then what?)
> >>
> >There is no moderator here. Mark, however, considers himself to the de-facto
> >self-appointed Knight-In-Shining-Armor/protector/moderator who defends
> >no-coders against the onslaught of us pro-coders. Of course it is worth
> >noting that Mark is the only no-coder in this group.
>
> that of course depend on the meaning of the prhase no coder there are
> many Nocoder here that is what the fight is a bout after all
>
> amazing how you it seems can master tha rt of CW at high ((but you
> fail to prove you have this skill) but can't learn to quote correctly
> http://kb9rqz.blogspot.com/
>
> --
> Posted via a free Usenet account from http://www.teranews.com

the constition amend 10 restricts anything note covered by the document
to states or to the people

the supremacy cluase makes the constituion and the traties the supreme law of the land

therfore anything not coevered by the constituion or by treaty is Mine

therefore as matter of law the burden is on the resrictin to prove it is needed till 2003 code testing had that ..now it does not have that most persons agreed ONLY the treaty langauge kept the testing in place

why drop it becuase it can not justified as a matter of law

2858. Re: Coffee grounds and cookie crumbs make good teaching aids.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-25 08:36:45 UTC
From: Mark@kb9rqz.aprs
Message-ID: <u30gm2110kmu6el0f6lss7789b4oli0dfs@4ax.com>
Source record: 49080
Cross-posted to: rec.radio.cb,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

On 24 Nov 2006 23:33:59 -0800, "an_old_friend" <kb9rqz69@hotmail.com>
wrote:

>
>Mark@kb9rqz.aprs wrote:
>> On Fri, 24 Nov 2006 03:43:27 -0500, "Not Lloyd" <anon@anon> wrote:
>>
>> >
>> >"Sal M. Onella" <salmonella@food.poisoning.org> wrote in message
>> >news:Wzv9h.3034$YY.2842@newsfe12.phx...
>> >
>> >"Old Time Ham" <old_fart@curmudgeons.com> wrote in message
>> >news:ka-dnVNxSpLhKPjYnZ2dnUVZ_qOdnZ2d@comcast.com...
>> >>
>> >
>> >> > I feel your pain. It must suck for you to have to live in Lid-ville.
>> >> >
>> >
>> > it';s slow if you are a 5 WPM lid that has no
>> >> pride in themselves, but for REAL Hams it is efficient, and fast.
>> >
>> >I just looked up "lid" - a poor operator, one who does not follow proper
>> >procedures or sends sloppy Morse code. (Not me on either count. It's a
>> >silly insult to throw around when you don't know somebody.)
>> >
>> >Moderator, can we rename this thread? I think "Mode Rage" sounds right.
>> >
>> >(If it keeps going, I can claim that you're not real hams if you don't do
>> >Amateur TV at 1.2 GHz. Then what?)
>> >>
>> >There is no moderator here. Mark, however, considers himself to the de-facto
>> >self-appointed Knight-In-Shining-Armor/protector/moderator who defends
>> >no-coders against the onslaught of us pro-coders. Of course it is worth
>> >noting that Mark is the only no-coder in this group.
>>
>> that of course depend on the meaning of the prhase no coder there are
>> many Nocoder here that is what the fight is a bout after all
>>
>> amazing how you it seems can master tha rt of CW at high ((but you
>> fail to prove you have this skill) but can't learn to quote correctly
>> http://kb9rqz.blogspot.com/
>>
>> --

>> Posted via a free Usenet account from http://www.teranews.com
>
>the constition amend 10 restricts anything note covered by the document
>to states or to the people
>
>the supremacy cluase makes the constituion and the traties the supreme
>law of the land
>
>therfore anything not coevered by the constituion or by treaty is Mine
>
>therefore as matter of law the burden is on the resrictin to prove it
>is needed till 2003 code testing had that ..now it does not have that
>most persons agreed ONLY the treaty langauge kept the testing in place
>
>why drop it becuase it can not justified as a matter of law
interesting that this forger chooses to repaet reamrks of mine posted
elsewhere here
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2859. Re: Just listen to CB if you want to know what ham radio will sound like.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-25 08:59:01 UTC
From: AC7PN <brunius@rockisland.com>
Message-ID: <1164445140.992692.50470@j44g2000cwa.googlegroups.com>
Source record: 49081
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Slow Code wrote:
> We need to keep the CW requirement and increase it. We shouldn't let ham
> radio get dumbed down again.
>
> SC

We should have the examiners measure the size of prospective HAM's
dicks. That would get us back to the basics here that you've been
preaching about.

2860. Re: Just listen to CB if you want to know what ham radio will sound like.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-25 12:08:31 UTC
From: X-rated Vermonter <k1xvnospam@arrl.net>
Message-ID: <qdcgm25rpcts9qgv6ns71iqd0q2ooo8hk7@4ax.com>
Source record: 49082
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Fri, 24 Nov 2006 01:37:55 GMT, Slow Code <my.mail@no.spam> wrote:

>
>
>We need to keep the CW requirement and increase it. We shouldn't let ham
>radio get dumbed down again.
>
>SC
++++++++++
And we should just read your posts if we want to know what ham radio
will be like if irrelevancy is a required subject.

2861. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-25 16:37:01 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <Ni_9h.5102$Gk5.2155@tornado.texas.rr.com>
Source record: 49083
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

```
<Mark@kb9rqz.aprs> wrote in message
news:ibsem294is2bjap55r5757hvfbiadrkilf@4ax.com...
> On 24 Nov 2006 09:28:00 GMT, Steveo <moparholic@hotmail.com> wrote:
>
>>"U-Know-Who" <no-one@nowhere.com> wrote:
>>> "Slow Code" <my.mail@no.spam> wrote in message
>>> news:E1s9h.2642$ql2.1992@newsread3.news.pas.earthlink.net...
>>> > "U-Know-Who" <no-one@nowhere.com> wrote in
>>> > news:Jo89h.2462$Gk5.1576@tornado.texas.rr.com:
>>> >
>>> >>
>>> >> "Slow Code" <my.mail@no.spam> wrote in message
>>> >> news:Vx59h.2178$ql2.1579@newsread3.news.pas.earthlink.net...
>>> >>> Joe Bloe <abaslon@comcast.net> wrote in
>>> >>> news:oei7m2hhbvm46q3qmkkfl4k7ui4tdtqei9@4ax.com:
>>> >>>
>>> >>>> On Tue, 21 Nov 2006 00:54:50 GMT, Slow Code <my.mail@no.spam>
>>> >>>> wrote:
>>> >>>>
>>> >>>>>"U-Know-Who" <no-one@nowhere.com> wrote in
>>> >>>>>news:5lO7h.283$_H5.256@tornado.texas.rr.com:
>>> >>>>>
>>> >>>>>>
>>> >>>>>> "Slow Code" <my.mail@no.spam> wrote in message
>>> >>>>>> news:1wN7h.626$sf5.622@newsread4.news.pas.earthlink.net...
>>> >>>>>>> jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote in
>>> >>>>>>> news:ej8knc$kn5$1@news.hawaii.edu:
>>> >>>>>>>
>>> >>>>>>>> John Smith <assemblywizard@gmail.com> wrote:
>>> >>>>>>>>>Idiot, check your spelling, it's "group troll."
>>> >>>>>>>>
>>> >>>>>>>> Well, let's see if he ment "poll" or "troll":
>>> >>>>>>>>
>>> >>>>>>>>
>>> >>>>>>>> 0 2 4 6 8 10
>>> >>>>>>>> /
>>> >>>>>>>> /
>>> >>>>>>>> /
>>> >>>>>>>> /
>>> >>>>>>>> /
>>> >>>>>>>> /
>>> >>>>>>>> /
>>> >>>>>>>> /
```

>>> >>>>>>>> POLL-O-METER
>>> >>>>>>>
>>> >>>>>>>
>>> >>>>>>>
>>> >>>>>>> So what appliances does everyone hope Santa brings them for
>>> >>>>>>> Xmas?
>>> >>>>>>>
>>> >>>>>>> HF, VHF, UHF, KENWOOD, YAESU, ICOM, Cobra?
>>> >>>>>>>
>>> >>>>>>>
>>> >>>>>>> I couldn't think of anything for myself, so I hope I just get a
>>> >>>>>>> some componants and a new soldering iron for projects so I can
>>> >>>>>>> keep moving forward in ham radio.
>>> >>>>>>>
>>> >>>>>>> SC
>>> >>>>>>
>>> >>>>>> And spell check for your PC. :-)
>>> >>>>>
>>> >>>>>
>>> >>>>>Which one do you have? I want Santa to bring me a different one.
>>> >>>>>The one you have doesn't work.
>>> >>>>>
>>> >>>>>SC
>>> >>>>
>>> >>>>
>>> >>>> Clip and paste to "Word for Windows". . . It's got the best
>>> >>>> spell
>>> >>>> checker in the market. Just leave it running in the backgrould and
>>> >>>> call it up when you need to type out a letter or two.
>>> >>>
>>> >>>
>>> >>> Thanks, I'll pass that on to U-Know-Who, but he probably don't have
>>> >>> word, just computer games.
>>> >>>
>>> >>> SC
>>> >>
>>> >> I have Office Pro 2003
>>> >
>>> >
>>> > WOW
>>> >
>>> > SC
>>>
>>> I ran your posts through it. It said to please excuse the idiot in
>>> Colorado who can't afford a high-speed connection.
> I gues you are trying convnce me that you arw ole woger

WTF are you babbling about?

> http://kb9rqz.blogspot.com/
>

> --
> Posted via a free Usenet account from http://www.teranews.com
>

2862. Re: Just listen to CB if you want to know what ham radio will sound like.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-25 16:45:48 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <lasgm2lru8sf8kpar24p8j7vugkkljkhc0@4ax.com>
Source record: 49084
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

ORIGINAL MESSAGE:

>Slow Code wrote:
>> We need to keep the CW requirement and increase it. We shouldn't let ham
>> radio get dumbed down again.
>>
>> SC

------------ REPLY FOLLOWS ------------

I agree. At least 100 wpm for Novice/Tech and something really hard
for General and up. Don't laugh, it's been done.

Also, lets have them memorize the Baudot code, demodulate PSK31 by ear
(no computers allowed) and launch at least one satellite into orbit.
They should be required to build an oscillator from a crystal set,
erect a 200 foot tower all by themselves and change the tubes in a
1500 watt amplifier while it is running at full output.

Hams today are a bunch of weenies.

Bill, W6WRT
who passed the 20 wpm test by about .001 wpm

2863. Re: WTB Bug Catcher Antenna Coil 80 meter large dia and Cap hat Large dia

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-25 21:42:03 UTC
From: Jerry <joxendi@bellsouth.net>
Message-ID: <FP2ah.15068$T6.854@bignews5.bellsouth.net>
Source record: 49085

"Ed" <Huckleberry_REMOVE_@bigvalley.net> wrote in message
news:Xns9885E35AD7F65spectrumhogstarbandn@198.186.192.196...
>
>> How big do you want it? Tell me and I will MAKE you a big coil. Three
>> inches is a pretty good size, but can go bigger.
>
>
> I have a different question than the original poster had, for you. In
> making those coils, What do you use up the center of the coil to both
> insulate, and connect the lower mast and the upper whip? Assuming
> standard 3/8" 24 threaded connectors.....
>
> TNX
>
> Ed K7AAT

Mostly brass 3/8" X 24 brass bushings OR machined bolts (Stainless steel) driilled in the center to receive the whip/mast. I generally use the brass bushings because they don't cost near what the SS does. Those specifically made bolts make the cost of the antenna much higher & and the bushings work well and are easy to replace if you should booger up the threads. That doesn't happen often, tho. But it makes it easy for any ham to repair one *IF* he should cross thread the thing. The center is black nylon that is machined to provide an open coil AND a support for the windings. This is done by turning a round cylinder of nylon to the correct diameter, then milling out concentric
grooves {sort of like this) } all round the form. This makes for both an "open" coil as opposed to winding the turns flatly onto the round form AND as a support for it. It then lets you clip onto the coil turns the same way of Henry Allen's Texas Bugcatcher. Then I thread the ends of the form to receive the bushings and secure them with SS screws so they can't slip. Then I wind on the wire (usually #14 tinned copper wire) in the grooves so it remains in place. I mostly make screwdrivers, but I make these for folks on request. I guess it may because of the cost of a screwdriver OR because some of us only operate a few frequencies or bands. It costs about half the screwdriver (of which mine are quite a bit less in cost) $500 for a screwdriver? WOW! I can't afford that, so I make a few antennas partly for $$$, partly for fun. It IS supposed to be a hobby! :) I have made some for a couple of Civil Air Patrol folks, one of which is on a building in Raleigh, NC as a fixed-base antenna. Turns out, they have some restrictions on dipoles, but the airport authority would only them do up a vertical. So, I made a mobile whip for them and they had enough metal up there for a nice counterpoise! :)

Email me under the "Reply" and I will send you a couple of pics if you like. One CAN use bigger wire if desired, BTW.

73

Jerry
K4KWH

2864. fan w/sgc?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-25 22:07:49 UTC
From: ml <m@di.net>
Message-ID: <m-575329.17074925112006@news.verizon.net>
Source record: 49086

hi

I was wondering, if i designed a horizontal center fed dipole... w/a sorta fan say a few legs for 10-40m... but

instead of just attaching coax, i attached a sgc tuner at the feed point

would i expect the dipole to resonate"" as one would predict if feed directly via coax ex the 40m leg resonates on 40 or would the tuner 'grab' different ....??

tnx

naturally a single wire could be tune very well w/the remote sgc but i ponder

2865. replacing plastic parts of beam

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-25 22:21:40 UTC
From: ve1tv <kartwood@gmail.com>
Message-ID: <1164493300.486963.307470@14g2000cws.googlegroups.com>
Source record: 49087

Hello Group,

I recently bought a used Cushcraft A3S. The metal parts are in great shape and show little corrosion or wear. The plastic caps on the ends of the boom and on either end of each trap are brittle, shrunken and falling off.
I have emailed Cushcraft to see if they can supply replacements but it occurs to me that there may be an alternative solution. I don't want to put it up in it's present condition but I don't want to wait too long as winter will soon be here.
Can anyone suggest a good replacement option? Thanks!

73,
Kevin, ve1tv

2866. Re: fan w/sgc?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-25 23:19:34 UTC
From: jgboyles@aol.com
Message-ID: <1164496774.392838.155090@l12g2000cwl.googlegroups.com>
Source record: 49088

ml wrote:
> hi
>
> I was wondering, if i designed a horizontal center fed dipole... w/a
> sorta fan say a few legs for 10-40m... but
>
> instead of just attaching coax, i attached a sgc tuner at the feed point
>
> would i expect the dipole to resonate"" as one would predict if feed
> directly via coax ex the 40m leg resonates on 40 or would the tuner
> 'grab' different ....??
>
>
>
> tnx
>
>
> naturally a single wire could be tune very well w/the remote sgc but
> i ponder

If you were using the fan dipole with a tuner attached to the feed point, the tuner would try to establish the best 50 ohm match from the coax to the complex impedance presented by the antenna. The frequency at which you are trying to tune, and the complex impedance of the fan dipole at that frequency, will determine whether the tuner can match the coax to the antenna. One particular wire of the fan could dominate, but the tuner will try to match the overall impedance.

Gary N4AST

2867. Re: Just listen to CB if you want to know what ham radio will sound like.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-25 23:36:03 UTC
From: "Joe Bloe"
Message-ID: <3ijhm29oiqed1l6hg451s0ej9k6knstol6@4ax.com>
Source record: 49089

On Fri, 24 Nov 2006 01:37:55 GMT, Slow Code <my.mail@no.spam> wrote:

>
>
>We need to keep the CW requirement and increase it. We shouldn't let ham
>radio get dumbed down again.
>
>SC

And we should insist they learn Swahili, Tasmanian, and in all
honesty, speak in binary proficiently. . . Well, one has to learn how
to beat upon a railroad track with a rock for CODE, might as well take
in the more simple aspects as well, huh?

My computer does CODE better and faster than you can `Slow. . . So,
what does that make you then? A Slacker or just a stupid agitator?

There is NO NEED for anybody to learn CODE. Not unless they WANT
to. What the hell does CODE have to do with SSTV? Or Packet? OR
Phone? There, I gave you THREE aspects of communications via "HAM"
that harbors Absolutely NO use of LEARNING CODE in any way, form, or
shape. Can you truefuly offer me as many NEEDFULL aspects of HAM
Radio which demands the use of Code?

Absolutely NOT!

In that regard, your very "hobby" denounces Your insistence upon
CODE, as a requirement, as arcade and dusty as a dead rat's fart.

We are NOT living in the 1920's any more `Slow. . . It DOESN"T
MATTER ANY MORE if People can beat on a railroad track with a rock or
not. NO ONE HAD THE SHIT WE HAVE TODAY, THEN! Hells bells `Slow, I
said it before and I'll state it again. The Damn CELL PHONE is
Cheaper and BETTER at communication than any silly HAM station in the
world! And it doesn't take no bloody HAM license to use it, ether.
Just a simple bank account.. . No wait. . Not even that in some
cases. Just a wad of dollars in your grubby little fist will suffice,
and there's No waiting on Sun Spots ether!

Honestly Slow, its people like you who make me want to sell my radio
station for a 1911 colt. . . They don't do CODE ether, but its damn
good with Binary!

2868. Re: replacing plastic parts of beam

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-25 23:38:39 UTC
From: Roger <GetValidAddress@my.com>
Message-ID: <8ukhm2dlu8rd0fklhrgfkp2f7jjc6tkcu9@4ax.com>
Source record: 49090

On 25 Nov 2006 14:21:40 -0800, "ve1tv" <kartwood@gmail.com> wrote:

>Hello Group,
>
>I recently bought a used Cushcraft A3S. The metal parts are in great
>shape and show little corrosion or wear. The plastic caps on the ends
>of the boom and on either end of each trap are brittle, shrunken and
>falling off.
>I have emailed Cushcraft to see if they can supply replacements but it
>occurs to me that there may be an alternative solution. I don't want to
>put it up in it's present condition but I don't want to wait too long
>as winter will soon be here.
>Can anyone suggest a good replacement option? Thanks!

Try the local hardware store and see if they have any plastic pipe
caps, or tubing caps in the sizes you'd like.

>
>73,
>Kevin, ve1tv
Roger Halstead (K8RI & ARRL life member)
(N833R, S# CD-2 Worlds oldest Debonair)
www.rogerhalstead.com

2869. Re: replacing plastic parts of beam

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-26 01:10:48 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <6M5ah.17569$K9.6025@bignews4.bellsouth.net>
Source record: 49091

"Roger" <GetValidAddress@my.com> wrote in message
news:8ukhm2dlu8rd0fklhrgfkp2f7jjc6tkcu9@4ax.com...
> On 25 Nov 2006 14:21:40 -0800, "ve1tv" <kartwood@gmail.com> wrote:
>
>>Hello Group,
>>
>>I recently bought a used Cushcraft A3S. The metal parts are in great
>>shape and show little corrosion or wear. The plastic caps on the ends
>>of the boom and on either end of each trap are brittle, shrunken and
>>falling off.
>>I have emailed Cushcraft to see if they can supply replacements but it
>>occurs to me that there may be an alternative solution. I don't want to
>>put it up in it's present condition but I don't want to wait too long
>>as winter will soon be here.
>>Can anyone suggest a good replacement option? Thanks!
>
> Try the local hardware store and see if they have any plastic pipe
> caps, or tubing caps in the sizes you'd like.
>
>
>>
>>73,
>>Kevin, ve1tv
> Roger Halstead (K8RI & ARRL life member)
> (N833R, S# CD-2 Worlds oldest Debonair)
> www.rogerhalstead.com

I capped off the end of my Ringo with stretch tape one year thinking this
would be a temp fix until spring. Well the fix has lasted 10 years and still
looks as good as new.

2870. Re: replacing plastic parts of beam

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-26 03:57:49 UTC
From: w9gb <spam_protect@arrl.net>
Message-ID: <yuidnbv7P79cjfTYnZ2dnUVZ_sednZ2d@comcast.com>
Source record: 49092

"ve1tv" <kartwood@gmail.com> wrote in message
news:1164493300.486963.307470@14g2000cws.googlegroups.com...
> Hello Group,
>
> I recently bought a used Cushcraft A3S. The metal parts are in great
> shape and show little corrosion or wear. The plastic caps on the ends
> of the boom and on either end of each trap are brittle, shrunken and
> falling off.
> I have emailed Cushcraft to see if they can supply replacements but it
> occurs to me that there may be an alternative solution. I don't want to
> put it up in it's present condition but I don't want to wait too long
> as winter will soon be here.
> Can anyone suggest a good replacement option? Thanks!
>
> 73,
> Kevin, ve1tv
>

Kevin -

Yes, you have many alternatives.
Cushcraft did offer stainless hardware kit for the older A3 beams (before
A3S) as well as a plastic replacement kit.

What ever you select -- make sure it is UV resistant !!

Other suppliers -

Car Plugs for Tubing -- they have everything for tubing caps !
COF series will likely work !
http://www.caplugs.com/

DX Engineering
http://www.dxengineering.com/default.asp?DeptID=33
Seal the ends of your boom, tubing or pipe with our vinyl caps. Sizes fit
from 1/8 in. to 3 in.O.D. By keeping moisture out, you can reduce corrosion.
For those in colder climates, you can prevent water from collecting in the
tube that might freeze and split the tube.

Made from a strong UV rated material, they will withstand the abuse of
nature and keep your installation safe and good-looking for years.

Good luck with it.

w9gb

2871. Re: Happy turkey day you no-code turkeys.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-26 04:37:43 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <sS8ah.35276$zT4.26592@newsfe11.phx>
Source record: 49093
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.swap

"AC7PN" <brunius@rockisland.com> wrote in message
news:1164391997.538434.178960@l39g2000cwd.googlegroups.com...

> The purpose amateur radio is communications. Real HAMs can communicate
> with CW and they also speak English, Spanish, and French. Those who can
> only speak English are stupid, idiots, turkeys, and are only wimpy
> HAMs. Real HAMs are also a little narrow minded, intolerant and
> arrogant. If you are one of those open minded and tolerant people you
> are not a real HAM and you are probably a liberal, left-wing,
> homo-faggot.

Five sentences ... none of them correct. This person should be writing
laws.

2872. Re: Happy turkey day you no-code turkeys.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-26 04:40:56 UTC
From: Mark@kb9rqz.aprs
Message-ID: <jm6im2tu0hitkqhlib7o1l20vg0sav7rpr@4ax.com>
Source record: 49094
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.swap

On Sat, 25 Nov 2006 20:37:43 -0800, "Sal M. Onella"
<salmonella@food.poisoning.org> wrote:

>
>"AC7PN" <brunius@rockisland.com> wrote in message
>news:1164391997.538434.178960@l39g2000cwd.googlegroups.com...
>
>> The purpose amateur radio is communications. Real HAMs can communicate
>> with CW and they also speak English, Spanish, and French. Those who can
>> only speak English are stupid, idiots, turkeys, and are only wimpy
>> HAMs. Real HAMs are also a little narrow minded, intolerant and
>> arrogant. If you are one of those open minded and tolerant people you
>> are not a real HAM and you are probably a liberal, left-wing,
>> homo-faggot.
>
>Five sentences ... none of them correct. This person should be writing
>laws.
>
>
lol
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2873. Re: replacing plastic parts of beam

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-26 13:47:44 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <ytadnUcFL4GdBvTYnZ2dnUVZ_sqdnZ2d@bright.net>
Source record: 49095

How about just filling the tube ends with silicone RTV? You can get a
whole tube of the stuff (for a caulking gun) for a dollar or two.

Scott
N0EDV

ve1tv wrote:
> Hello Group,
>
> I recently bought a used Cushcraft A3S. The metal parts are in great
> shape and show little corrosion or wear. The plastic caps on the ends
> of the boom and on either end of each trap are brittle, shrunken and
> falling off.
> I have emailed Cushcraft to see if they can supply replacements but it
> occurs to me that there may be an alternative solution. I don't want to
> put it up in it's present condition but I don't want to wait too long
> as winter will soon be here.
> Can anyone suggest a good replacement option? Thanks!
>
> 73,
> Kevin, ve1tv
>

2874. Requirements to talk?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-26 20:45:00 UTC
From: "Fred Furlly"
Message-ID: <e2sjm2le2qoqsej7fmtl9eihnlnjhpsmvg@4ax.com>
Source record: 49096

Ive seen an arguemnet here which I find inlightning. In regards to using a two way radio, in English terms, A"Wireless", I ask what is the description of one of these devices in the first place?

From all that I can obtain, it is a device in which one can communicate with another via electronic or magnetical means with another party, completely devoid of any connecting wires between the two and over great distances.

I guess that's pretty simple and to the point. The very basic and simplistic view of things. As long as one can communicate with another by using some sort of signal derived from electrical means, and by not being physicaly connected together, then that is what this is all about, correct?

Well now, I have seen an issue which we all know about, but some how haven't acknolaged or reconized. Its just sitting there in front of us as bold and noisy as it can get! Even with our radio stations, the band width for most of us, is blocked off from access. Its the bloody Cell Phone!

By all descriptions, it is still a Radio! A Wireless device! And it is pretty complicated by all means as well. It is a digital multiplexer over many channels which can leap and lock onto several receive/transmit stations at once, jump between frequencies automatically, and digitally multiplex with who knows how many other people talking all at the same time, and for the most part, do a damn good job of it all around! Not only that, but there are satellite versions of the same thing too!!

Now the real fun comes in here. One does not need any sort of license to operate this device. There are external antennas available for them, some with awesome gain up in the 18 - 25 DBI's, and there are amplifiers, again with some real serious power output. . . All without any sort of license of competency and no regard to who they are radiating or where. All of this is totally "Above Board" and Perfectly legal in every sense of the word.

Now here we are. Working frequencies below and above this notch in the bandwidth. We have all sorts of laws and rules watching our every move. We have classes and social niches denoting who is worthy and who isn't. We have extreme prejudice against those who use certain bands and others who haven't the knowledge of what is call CW in our world. And that's not all. Not only do we police our selves to the point of extension, but we insist that the government jump on the bandwagon and exhibit the same prejudice toward the same social

classes which we have dredged up for ourselves, and for no more reason than because somebody's wanting to exert power, control over somebody else.

Am I missing something here?

Cell phones can reach every place on this globe, and without all the fuss and problems, and equipment involved with the aspect of HAM Radio systems. There is no licensing. There is no social grouping (Other than who owns what brand or color of phone.), and it operates right smack-dab in the center of the upper bands! Without any License or Competency Requirements!

What makes them so immune and us so vulnerable?! I know we did this to our selves, but isn't it time to knock off this childish Hoo-Ha and get down to the real brass tacks? For us to knock off the silly and time wasting of pointing fingers and strutting around like a stupid ol' Bandy Rooster in a muddy barn yard?

I always thought that being involved with HAM Radio was more than a social "Click", and that it was the passion for the extreme "Art" of Radio. Propagating the science. Furthering the technology. Not bantering around about who can or can't tap out a word with coded beeps, or who uses what frequencies.

People, I believe we have lost our way. We have lost sight of what this is all about. This should be a Brotherhood and not a Brothel stewing pit of spite and pride of empty or shallow socialites. None the less, where ever I go, I find the latter in a greater number than the former. And here I thought we were all here to help out each other. . . Not abuse each other.

So, tell me. Where did I go wrong? If Cell Phones can have no regulations on usage, and its free reign on pieces and parts, and usage, . . How come we are so incredibly regulated? Not only that, but why are we tearing our selves up in the process of simply trying to get along?

What's wrong with this picture?

2875. Re: Replacing plastic parts of beam

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-26 20:50:06 UTC
From: w9gb <spam_protect@arrl.net>
Message-ID: <24ydncb_FPBgYPTYnZ2dnUVZ_rWdnZ2d@comcast.com>
Source record: 49097

"Scott" <acepilot@bloomer.net> wrote in message
news:ytadnUcFL4GdBvTYnZ2dnUVZ_sqdnZ2d@bright.net...
>
> How about just filling the tube ends with silicone RTV? You can get a
> whole tube of the stuff (for a caulking gun) for a dollar or two.
>
> Scott
> N0EDV

Caution: Many silicone RTV formualtions have acetic acid -- which will eat at the metal elements (aluminum). Also unless it is an outdoor (UV resistant formulation) - it will quickly degrade in outdoor usage.
Just get the correct caps - they are not that expensive.

Many amatuer radio suppliers -- are very slow (to the point of not responsive) to e-mails.
Pick-up the telephone, call Cushcraft and ask for Ed Hammond (in charge fo amateur radio sales).
Tell him what you need and tell him you have antenna on ground and need to get it back up ASAP - before winter. IF he balks, tell him thanks -- but you will call DX Engineering for those parts.

Then call DX Engineering and they shoud have them shipped out within 48 hours.

w9gb

2876. Re: POLL ABOUT CODE

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-26 20:56:00 UTC
From: "Joe Bloe"
Message-ID: <58vjm2pglrdoduhocs77p5buhe4gal2io2@4ax.com>
Source record: 49098

On Thu, 23 Nov 2006 00:02:12 GMT, Slow Code <my.mail@no.spam> wrote:

>"tools" <tools@attwb.net> wrote in news:xuZ8h.7$dm3.113776@news.sisna.com:
>
>> If code is eliminated from US requirements, will you quit amateur radio?
>> If not, why not? If yes, why not leave now?
>
>
>No one is going to quit amateur radio because the code requirement was
>eliminated, maybe a couple might. It's the retards that will flood the
>bands afterwards that are going to drive good hams out of ham radio.
>
>We already have one CB service, we don't need two.
>
>SC
Hey Slow Code,

Did'ja totally forget about the 2 meter band? Oh yea. . How about
the 70CM band as well? Boy-O-boy Slow, I tell ya' right here and now,
I've heard just as bad "Ratchet-Jaw" or Drooling idiots who think
they HAVE to talk on those two bands, (Which of course require
Expensive Equipment and Testing with Licensing.), as I've ever heard
on the C.B.

I swear Slow, you just absolutely refuse to live in the real world,
don't you? I'm beginning to believe we're going to have to pump you
in some sunlight real soon before you go totally blind! ! !

2877. Re: If CW is eliminated.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-26 21:30:18 UTC
From: Joe Bloe <abaslon@comcast.net>
Message-ID: <9uvjm29oql80v8m0rbbm36rs7qi9mtseir@4ax.com>
Source record: 49099

On Thu, 23 Nov 2006 00:02:02 GMT, Slow Code <my.mail@no.spam> wrote:

>"tools" <tools@attwb.net> wrote in news:usZ8h.5$Bm3.138376@news.sisna.com:
>
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:PTM8h.1814$sf5.431@newsread4.news.pas.earthlink.net...
>>>
>>> You can tell everyone you're a CB'er deluxe.
>>>
>>> SC
>>
>> If code is eliminated from the US requirements, will you quit amateur
>> radio?
>
>
>If code is eliminated the riff-raff that will overrun the bands will drive
>a lot of people out of amateur radio. It's bad now even with a 5wpm code.
>
>Back when I got my license there was alot of technical discussions,
>experimentation and lot of hams improving their communication and
>technical skills. Now with 5 wpm, convertions are mainly about appliance
>operating, or how someone did something stupid and burned up their rigs,
>things just like you can hear on CB.
>
>SC

HAhaha! You are SO Stuck on the CB aspect of things.

Talk about a One Track Mind! Wow! You are SO Paranoid about this
`Slow.

Hey, think if it this way, and you MAY find peace in the
realization:

Real HAM Equipment costs BIG-BUCKS. LOTS of $$$, and is quite a bit
of a hassle to hook up properly and make work correctly. There is
naturally a learning curve in which people just Have to pay attention
to. That, as well as a pretty hefty drain on the ol' bank account.
Don't you agree?

Next realization is :
People are naturally LAZY, Stupid, and CHEAP!

SO, if you put it together, it goes something like this:

CB's are CHEAP and PLENTIFULL. They're EASY to set up and run. Plug
into the cigarette lighter, toss the antenna on the roof of the car,

push a button and talk into the mike. . . Pretty straight forward and, well, stupid. Correct? And, did I mention their damn cheep? $50 and you are on the air in grand style!

Ham radio. .. Humm, lets see now. Even at the "Lowest Level", you actually have to sit down and read something! Oooh. . . That takes effort! And, it's still going to cost over $200, JUST for the Radio. Not very easy for a Red Necked Ratchet-Jaw to afford, (Who has trouble just keeping beer in the 'fridge.) Next, one has to go and buy the antenna too. .. Hummm. Another learning curve here again. What type? Horizontal? Vertical?? And being that the system is pretty darn sensitive to begin with, they have to take time, and again, LEARN how to set it up properly to even transmit. And if they burn it up in the process, WHO CARES?! They'll quit right there and then. That'd be a Good Thing, huh?

Next there's learning the bandwidths, repeaters, and patches. Its just not punching a button from 1 to 40 and listing to somebody talk then joining in. . . One has to fiddle around with it and set the particular frequencies and splits. Moreover, every region is different, Unlike a CB. It's something that one just doesn't have time to do while driving down the road, like blindly spinning the dial on a CB. It's just too much hassle, work, time, learning, and especially, WAY too much MONEY involved!

Slow, I guarantee you that if some how, they drop CW, HAM Will Not Ever become like the CB is now. And for at least as many more reasons as I brought to light here.

By the way Slow, "Paranoia" is a metal illness that's easily treated with drugs. . .

2878. Re: Requirements to talk?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-26 21:43:52 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <or0km29aq6f085c4g8oknqunietngcnahb@4ax.com>
Source record: 49100

On Sun, 26 Nov 2006 12:45:00 -0800, Fred Furlly wrote:

>What's wrong with this picture?

I am licensed to travel by car, but this restricts me compared to virtually unregulated walkers who can climb stairs, hike along sylvan paths, and tread across foot bridges. After all, the golden horizon of the automotive age is about furthering the piston technology of propulsion, gas exploration beneath ice caps, and parking lot revenues. Why can't we drive into elevators, or park in bath rooms? Bureaucratic priorities seem to be distorted by lame prejudices for doors and hallways designed during the era before the chariot.

Just compare the number of rules and regulations for roads and sidewalks. Controlling an auto is an advanced skill proving our merit among mankind. Walking is just steps away from the Neanderthalic Tar Pits. Driving should be made universal and without restriction as the birth right of an enlightened and progressive society.

73's
Richard Clark, KB7QHC

2879. Re: Requirements to talk?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-26 21:47:04 UTC
From: Caveat Lector <CL@nowhere.com>
Message-ID: <sXnah.677$vR4.270@newsfe16.phx>
Source record: 49101

He/She That Has The Gold -- Makes The Rules

> On Sun, 26 Nov 2006 12:45:00 -0800, Fred Furlly wrote:
>
>>What's wrong with this picture?

2880. Re: Just listen to CB if you want to know what ham radio will sound like.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-26 21:57:01 UTC
From: Joe
Message-ID: <5t1km21vljld34fh6vmet2ig4ji3dorol3@4ax.com>
Source record: 49103

On Fri, 24 Nov 2006 01:37:55 GMT, Slow Code <my.mail@no.spam> wrote:

>
>
>We need to keep the CW requirement and increase it. We shouldn't let ham
>radio get dumbed down again.
>
>SC

That's Paranoid bull shit `Slow, and you know it! It'll Never
happen! CB is CB, (Cheap Band). Kids and Red Neck's can afford one,
unlike a $400 "Low End" HAM rig.

It's not that retaining CW will keep HAM "Clean & Safe". Just the
contrary. Fanatics like you will suffocate it. Or is it that because
you had to learn it, "EVERYBODY" has to learn it now? Simply another
pointless "We Say So" corporate action?

2881. 137Mhz antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-26 22:42:15 UTC
From: JIMMIE <JIMMIEDEE123@YAHOO.COM>
Message-ID: <1164580935.344052.135150@45g2000cws.googlegroups.com>
Source record: 49105

I want to built an antenna to receive weather images. I have done this before using a simple dipole antenna. This time I was thinking of using a pair of crossed dipoles and wanted to know if it would be best to configure them as a circular polarized antenna feeding them 90 degrees out of phase or as a turnstile antenna with both elements fed in-phase. I have an old vhf aviation band converter that I think I can optimize for 137Mhz use. I think the only thing else I need is a PC with a sound card and the right software. This is the first time my daughter has ever asked me for help with a GS project so I had better do this right.

2882. Re: 137Mhz antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-26 22:58:19 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <f_oah.9934$6t.2957@newssvr11.news.prodigy.com>
Source record: 49106

JIMMIE wrote:
> This time I was thinking of using
> a pair of crossed dipoles and wanted to know if it would be best to
> configure them as a circular polarized antenna feeding them 90 degrees
> out of phase or as a turnstile antenna with both elements fed in-phase.

A turnstile antenna has both elements fed 90 degrees
out of phase.
--
73, Cecil http://www.w5dxp.com

2883. Re: fan w/sgc?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-26 23:23:16 UTC
From: JIMMIE <JIMMIEDEE123@YAHOO.COM>
Message-ID: <1164583396.214798.222320@f16g2000cwb.googlegroups.com>
Source record: 49107

jgboyles@aol.com wrote:
> ml wrote:
> > hi
> >
> > I was wondering, if i designed a horizontal center fed dipole... w/a
> > sorta fan say a few legs for 10-40m... but
> >
> > instead of just attaching coax, i attached a sgc tuner at the feed point
> >
> > would i expect the dipole to resonate"" as one would predict if feed
> > directly via coax ex the 40m leg resonates on 40 or would the tuner
> > 'grab' different ....??
> >
> >
> >
> > tnx
> >
> >
> > naturally a single wire could be tune very well w/the remote sgc but
> > i ponder
>
> If you were using the fan dipole with a tuner attached to the feed
> point, the tuner would try to establish the best 50 ohm match from the
> coax to the complex impedance presented by the antenna. The frequency
> at which you are trying to tune, and the complex impedance of the fan
> dipole at that frequency, will determine whether the tuner can match
> the coax to the antenna. One particular wire of the fan could
> dominate, but the tuner will try to match the overall impedance.
>
> Gary N4AST

I have some experience with an arrangement like this using a different auto-tuner. Four different freqencies were suppose to be covered that were harmonically related. The antenna was cut to resonate as a 1/4 wl antenna on the greatest frequency. As one would expect the tuner had problems matching when the antenna was an even number of 1/4 wavelengths long. The immediate solution was to add more wires that were shorter than the origonal by 1/2 and 1/4. With this arrangement the tuner had no problem loading into the antenna. Probably the simplest solution would be to select a wire length that is not resonant on any of the desired frequencies so the tuner would not be trying to endfed an I(1/2) wl antenna at any used frequency. Of course using the single wire could also be a problem because at the highest operating frequency it could be 1wl long or longer and exhbit an undesirable

radiation pattern.

Jimmie D

2884. Re: replacing plastic parts of beam

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-27 00:12:46 UTC
From: ve1tv <kartwood@gmail.com>
Message-ID: <1164586366.408711.8250@14g2000cws.googlegroups.com>
Source record: 49108

Thank you to everyone who responded!

I expect that Cushcraft would send the same parts as supplied with a
new beam. They were not very robust.
The traps are 1.625" so it looks like DX Engineering is not an option
based on what I see on the website. If Caplugs do small orders, that
might be the way to go.

73,

Kevin

>
> Kevin -
>
> Yes, you have many alternatives.
> Cushcraft did offer stainless hardware kit for the older A3 beams (before
> A3S) as well as a plastic replacement kit.
>
> What ever you select -- make sure it is UV resistant !!
>
> Other suppliers -
>
> Car Plugs for Tubing -- they have everything for tubing caps !
> COF series will likely work !
> http://www.caplugs.com/
>
> DX Engineering
> http://www.dxengineering.com/default.asp?DeptID=33
> Seal the ends of your boom, tubing or pipe with our vinyl caps. Sizes fit
> from 1/8 in. to 3 in.O.D. By keeping moisture out, you can reduce corrosion.
> For those in colder climates, you can prevent water from collecting in the
> tube that might freeze and split the tube.
>
> Made from a strong UV rated material, they will withstand the abuse of
> nature and keep your installation safe and good-looking for years.
>
> Good luck with it.
>
> w9gb

2885. Re: 137Mhz antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-27 01:04:33 UTC
From: ve1tv <kartwood@gmail.com>
Message-ID: <1164589472.999880.94080@j44g2000cwa.googlegroups.com>
Source record: 49109

Make sure that your converter has wide enough bandwidth.
I built a turnstile antenna but found it almost useless. If you have
time, check out the web for quadrafilar helix designs. I used this one:

http://perso.wanadoo.es/dimoni/ant_qha.htm

73, Kevin

JIMMIE wrote:
> I want to built an antenna to receive weather images. I have done this
> before using a simple dipole antenna. This time I was thinking of using
> a pair of crossed dipoles and wanted to know if it would be best to
> configure them as a circular polarized antenna feeding them 90 degrees
> out of phase or as a turnstile antenna with both elements fed in-phase.
> I have an old vhf aviation band converter that I think I can optimize
> for 137Mhz use. I think the only thing else I need is a PC with a sound
> card and the right software. This is the first time my daughter has
> ever asked me for help with a GS project so I had better do this right.

2886. Re: Requirements to talk?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-27 01:16:48 UTC
From: "Fred Furlly"
Message-ID: <mmdkm2tprgr1d66hc7ah8hq17d9i73au7b@4ax.com>
Source record: 49110

On Sun, 26 Nov 2006 13:43:52 -0800, Richard Clark <kb7qhc@comcast.net>
wrote:

>On Sun, 26 Nov 2006 12:45:00 -0800, Fred Furlly wrote:
>
>>What's wrong with this picture?
>
>I am licensed to travel by car, but this restricts me compared to
>virtually unregulated walkers who can climb stairs, hike along sylvan
>paths, and tread across foot bridges. After all, the golden horizon
>of the automotive age is about furthering the piston technology of
>propulsion, gas exploration beneath ice caps, and parking lot
>revenues. Why can't we drive into elevators, or park in bath rooms?
>Bureaucratic priorities seem to be distorted by lame prejudices for
>doors and hallways designed during the era before the chariot.
>
>Just compare the number of rules and regulations for roads and
>sidewalks. Controlling an auto is an advanced skill proving our merit
>among mankind. Walking is just steps away from the Neanderthalic Tar
>Pits. Driving should be made universal and without restriction as the
>birth right of an enlightened and progressive society.
>
>73's
>Richard Clark, KB7QHC

Oh, My gosh, . . Dick!

Don't you consider the SIZE of an auto to be a limiting issue here?
Just because there is a square inch of space, you Actually try and use
that as an example that it should be allocated to parking a CAR?! You,
sir, are trying your very best to compare apples with bulldozers! Duh!
Can't you at least Try and keep the topic in the same ball park?

I guess I see why some people just can't get a grip on reality.
Sorry for even bringing the topic to light. No matter how much
schooling some people get, they still remain total idiots. . .
Absolutely NO common sense AT ALL!

How about this then. . .

If it takes a man and a half a day and a half to build a boat and a
half, how long would it take a monkey with a peg-leg to kick all the
seeds out of a watermelon?
. . . A hot air balloon, because it hasn't a rot tiller attached!

There you go, Dick. That makes just about as much sense as the Crap
you spouted off with.

Geez! Moronic-Idiots abound!
("Moron". . . Look it up in the dictionary.)

2887. Re: Requirements to talk?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-27 01:18:10 UTC
From: "Fred Furlly"
Message-ID: <b4fkm2hcgvora0adsnoqlbhbbdamv3kfe4@4ax.com>
Source record: 49111

On Sun, 26 Nov 2006 13:47:04 -0800, "Caveat Lector" <CL@nowhere.com>
wrote:

>He/She That Has The Gold -- Makes The Rules
>
>> On Sun, 26 Nov 2006 12:45:00 -0800, Fred Furlly wrote:
>>
>>>What's wrong with this picture?
>

. . . Damn! I keep forgeting that! You are absolutely correct.

2888. Re: Replacing plastic parts of beam

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-27 01:26:02 UTC
From: jim <jimbo@jimbo.net>
Message-ID: <456A3EAA.B7F64825@jimbo.net>
Source record: 49112

hi,

cushcraft has answered my recent emails fast,
and was quick to ship my replacement parts.

73 james

2889. Re: If CW is eliminated.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-27 02:38:23 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <rrjkm2p98birmk5lqbcji3b01ed2djnn98@4ax.com>
Source record: 49113

If CW is eliminated, this newsgroup will be a much better place.

Bill, W6WRT

2890. Re: Requirements to talk?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-27 04:11:30 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <7apkm2tm8g4pji2l1ml7vm5hbfdle3ied4@4ax.com>
Source record: 49114

On Sun, 26 Nov 2006 17:16:48 -0800, Fred Furlly wrote:

> ("Moron". . . Look it up in the dictionary.)

It's spelled maroon.

73's
Richard Clark, KB7QHC

2891. Re: CP nearly spherical

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-27 04:36:12 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <0Xtah.195$3L5.193@newsfe15.phx>
Source record: 49115

"SamSvL" <samsvl@nlr.nl> wrote in message
news:Xns98855F2E5CC73samsvlnlrnl@192.87.166.16...
> "Sal M. Onella" <salmonella@food.poisoning.org> wrote in

< snip >

> > ... the "Patch" antenna works well for me and my GPS
> > receiver. I THINK it is CP but which rotation??? Some sources
> > indicate you have to nick alternate corners of the radiating element

< snip >

> Thanks. But the patch covers only hemisphere (and a little bit more)
> and I am looking for the full sphere!
>
> Sam
>

Well how about building two of them, mounting them back-to-back and
combining the outputs?

"Sal"

2892. Re: Requirements to talk?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-27 08:14:26 UTC
From: Jeff <jeff@local.host>
Message-ID: <456aae74$0$1347$834e42db@reader.greatnowhere.com>
Source record: 49116

> So, tell me. Where did I go wrong? If Cell Phones can have no
> regulations on usage, and its free reign on pieces and parts, and
> usage, . . How come we are so incredibly regulated? Not only that,
> but why are we tearing our selves up in the process of simply trying
> to get along?
>
> What's wrong with this picture?

Well virtually everything!!

A licence is required, and is held by the network operator. Users are covered by this licence. The equipment used must be type approved and some of the add-ons that you talk about are not actually legal.

So cell phones are not the free for all that you describe, it is a licensed service and tightly regulated.

Regards
Jeff

2893. Re: CP nearly spherical

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-27 08:39:27 UTC
From: SamSvL <samsvl@nlr.nl>
Message-ID: <Xns9888623DFDA98samsvlnlrnl@192.87.166.16>
Source record: 49117

```
"Jerry Martes" <j.jmartes@verizon.net> wrote in news:rOE9h.9036$9e.2359
@trnddc02:

>
> "SamSvL" <samsvl@nlr.nl> wrote in message
> news:Xns98855EF9FB5E6samsvlnlrnl@192.87.166.16...
>> "Jerry Martes" <j.jmartes@verizon.net> wrote in
>> news:Wgm9h.7725$9e.3808@trnddc02:
>>
>>>
>>> "SamSvL" <samsvl@nlr.nl> wrote in message
>>> news:Xns9884A6756F505samsvlnlrnl@192.87.166.15...
>>>> What would be a good (free space, 1 GHz) antenna to achieve
>>>> circular polarizarion with a nearly spherical coverage?
>>>>
>>>> Thanks,
>>>>
>>>> Sam
>>>
>>>
>>> Hi Sam
>>>
>>> If you want "half spherical" coverage for receiving a circularly
>>> polarized
>>> signal, a turnstile is probably the easiest to build.
>>> If your requirements for sensitivity are more stringent than the
>>> turnstile
>>> provides, a quadrafilar helix is excellant circular polarization.
>>>
>>> Jerry
>>>
>> Hi Jerry,
>>
>> Unfortunately I am looking for the full sphere :-(
>>
>> Sam
>
>
> Hi Sam
>
> You may have alot of difficulty locating a design for an antenna that
> radiates a given "circular" polarization with "spherical" coverage. I
> consider those requirements to be entirely beyond reality. Are you
> planning to build this antenna or buy it *off the shelf*?
```

>
> Jerry
>
Hi Jerry,

Buy if available, build otherwise ;-((

Sam

2894. Re: CP nearly spherical

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-27 08:40:09 UTC
From: SamSvL <samsvl@nlr.nl>
Message-ID: <Xns9888625C3A799samsvlnlrnl@192.87.166.16>
Source record: 49118

"RST Engineering" <jim@rstengineering.com> wrote in news:THG9h.6
$Bd7.36901@news.sisna.com:

> Two CP hemispheric antennas back to back feeding a Wilkinson adder.
>
> Jim
>
>
> "SamSvL" <samsvl@nlr.nl> wrote in message
> news:Xns98855EF9FB5E6samsvlnlrnl@192.87.166.16...
>> Hi Jerry,
>>
>> Unfortunately I am looking for the full sphere :-(
>>
>> Sam
>>
>
Hi Jim,

Others suggested this solution, I will try.

Thanks,

Sam

2895. Re: CP nearly spherical

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-27 08:42:09 UTC
From: SamSvL <samsvl@nlr.nl>
Message-ID: <Xns988862B35D055samsvlnlrnl@192.87.166.16>
Source record: 49119

Walter Maxwell <walt@w2du.com> wrote in
news:t5qem2hmrhgj6j6c19239u7pgojf2lg285@4ax.com:

> On Thu, 23 Nov 2006 19:04:22 GMT, "Jerry Martes"
> <j.jmartes@verizon.net> wrote:
>
>>
>>"SamSvL" <samsvl@nlr.nl> wrote in message
>>news:Xns9884A6756F505samsvlnlrnl@192.87.166.15...
>>> What would be a good (free space, 1 GHz) antenna to achieve
>>> circular polarizarion with a nearly spherical coverage?
>>>
>>> Thanks,
>>>
>>> Sam
>>
>>
>> Hi Sam
>>
>> If you want "half spherical" coverage for receiving a circularly
>> polarized
>>signal, a turnstile is probably the easiest to build.
>> If your requirements for sensitivity are more stringent than the
>> turnstile
>>provides, a quadrafilar helix is excellant circular polarization.
>>
>> Jerry
>>
> Hi Sam,
>
> FYI, the quadrifilar helix comprises two bifilar helices fed in phase
> quadrature. The result is hemispherical radiation in the radiation
> sphere. But the hemispherical radiation results from the combined
> radiations from each bifilar helix. Consequently, radiation from a
> single bifilar helix is spherical, with the polizarization sense the
> same throughout the sphere, unlike the radiation from a turnstile,
> which radiates one polarization sense above the equator and the
> opposite sense below the equator, where the turnstile elements lie on
> the equator.
>
> You can find info on the bifilar helix in Chapter 22 of Reflections,
> eds 1 and 2. If you don't have a copy of Reflections available,
> Chapter 22 is available for downloading from my web page at

> www.w2du.com. Click on "Read Chapters from Reflections 2" and then
> click on 'Chapter 22, Quadrifilar Antenna'.
>
> Fig 22-5 shows the radiation pattern for the quadrifilar, but the
> radiation in the 180° direction is suppressed due to the effect of the
> second helix positioned 90° from the first helix, and fed in
> quadrature (90°) relative to the first. In the absence of the second
> helix the radiation from a single bifilar is spherical.
>
> Fig 22-8 shows a simple method of feeding the bifilar helix--it's
> called an 'infinite balun', because the current that would flow on the
> outside surface of the coax when feeding a doublet dipole without a
> balun is now flowing on the outside surface of the radiator, which is
> what we want.
>
> If you're interested in further info on the helices used in
> quadrifilars or bifilars, see the report on my R&D experiment on
> quadrifilars, in which I measured radiation patterns and driving point
> impedances on more than a thousand different configurations of the
> quadrifilar. The R&D report is available for downloading on my web
> page. Click first on "Read Appendices from Reflections 2", and then
> click on 'Appendix 13, RCA R&D Quadrifilar Helix Antenna'.
>
> Hope this helps,
>
> Walt Maxwell, W2DU

Hi Walt,

Thanks for your reaction. And yes, I found your articles already some time ago. I missed the notes on the bifilar, but will study them again carefully.

Again, thanks,

Sam

2896. Re: CP nearly spherical

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-27 08:42:55 UTC
From: SamSvL <samsvl@nlr.nl>
Message-ID: <Xns988862D473B9Bsamsvlnlrnl@192.87.166.16>
Source record: 49120

"Sal M. Onella" <salmonella@food.poisoning.org> wrote in news:0Xtah.195
$3L5.193@newsfe15.phx:

>
> "SamSvL" <samsvl@nlr.nl> wrote in message
> news:Xns98855F2E5CC73samsvlnlrnl@192.87.166.16...
>> "Sal M. Onella" <salmonella@food.poisoning.org> wrote in
>
> < snip >
>
>> > ... the "Patch" antenna works well for me and my GPS
>> > receiver. I THINK it is CP but which rotation??? Some sources
>> > indicate you have to nick alternate corners of the radiating element
>
>
> < snip >
>
>> Thanks. But the patch covers only hemisphere (and a little bit more)
>> and I am looking for the full sphere!
>>
>> Sam
>>
>
> Well how about building two of them, mounting them back-to-back and
> combining the outputs?
>
> "Sal"
>
>
Hi Sal,

Will try, thanks,

Sam

2897. Re: If CW is eliminated.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-27 12:58:51 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <Z7mdnTA-xeOXfPfYnZ2dnUVZ_uSdnZ2d@comcast.com>
Source record: 49121

To rephrase: "If CW is required for ALL license classes, this newsgroup will be a much better place."

Bill Turner wrote:

> If CW is eliminated, this newsgroup will be a much better place.
>
> Bill, W6WRT

2898. Re: 137Mhz antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-27 14:50:10 UTC
From: Dino Papas <kl0s@cox.net>
Message-ID: <kl0s-EB95E3.09501027112006@news.lga.highwinds-media.com>
Source record: 49122

Here is another QFH antenna design:

http://www.askrlc.co.uk/

73 -- Dino KL0S/4

In article <1164589472.999880.94080@j44g2000cwa.googlegroups.com>,
"ve1tv" <kartwood@gmail.com> wrote:

> Make sure that your converter has wide enough bandwidth.
> I built a turnstile antenna but found it almost useless. If you have
> time, check out the web for quadrafilar helix designs. I used this one:
>
> http://perso.wanadoo.es/dimoni/ant_qha.htm
>
> 73, Kevin
>
>
> JIMMIE wrote:
> > I want to built an antenna to receive weather images. I have done this
> > before using a simple dipole antenna. This time I was thinking of using
> > a pair of crossed dipoles and wanted to know if it would be best to
> > configure them as a circular polarized antenna feeding them 90 degrees
> > out of phase or as a turnstile antenna with both elements fed in-phase.
> > I have an old vhf aviation band converter that I think I can optimize
> > for 137Mhz use. I think the only thing else I need is a PC with a sound
> > card and the right software. This is the first time my daughter has
> > ever asked me for help with a GS project so I had better do this right.

2899. Re: If CW is eliminated.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-27 15:23:04 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <ig0mm2198t1d6kvf5ig7ehiotap2mvtonf@4ax.com>
Source record: 49123

ORIGINAL MESSAGE:

On Mon, 27 Nov 2006 07:58:51 -0500, Dave <W1MCE@comcast.net> wrote:

>To rephrase: "If CW is required for ALL license classes, this newsgroup will be
>a much better place."

------------ REPLY FOLLOWS ------------

I don't think that would end the endless harping about CW on this or
any other newsgroup. If it were ELIMINATED however, few if any would
be demanding it be brought back after a year or two had passed. It
would be a dead issue.

I hope.

Bill, W6WRT
A 20 wpm extra, by the way

2900. Re: CP nearly spherical

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-27 16:58:59 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <nPEah.15278$Uz.1717@trnddc05>
Source record: 49124

"SamSvL" <samsvl@nlr.nl> wrote in message
news:Xns988862B35D055samsvlnlrnl@192.87.166.16...
> Walter Maxwell <walt@w2du.com> wrote in
> news:t5qem2hmrhgj6j6c19239u7pgojf2lg285@4ax.com:
>
>> On Thu, 23 Nov 2006 19:04:22 GMT, "Jerry Martes"
>> <j.jmartes@verizon.net> wrote:
>>
>>>
>>>"SamSvL" <samsvl@nlr.nl> wrote in message
>>>news:Xns9884A6756F505samsvlnlrnl@192.87.166.15...
>>>> What would be a good (free space, 1 GHz) antenna to achieve
>>>> circular polarizarion with a nearly spherical coverage?
>>>>
>>>> Thanks,
>>>>
>>>> Sam
>>>
>>>
>>> Hi Sam
>>>
>>> If you want "half spherical" coverage for receiving a circularly
>>> polarized
>>>signal, a turnstile is probably the easiest to build.
>>> If your requirements for sensitivity are more stringent than the
>>> turnstile
>>>provides, a quadrafilar helix is excellant circular polarization.
>>>
>>> Jerry
>>>
>> Hi Sam,
>>
>> FYI, the quadrifilar helix comprises two bifilar helices fed in phase
>> quadrature. The result is hemispherical radiation in the radiation
>> sphere. But the hemispherical radiation results from the combined
>> radiations from each bifilar helix. Consequently, radiation from a
>> single bifilar helix is spherical, with the polizarization sense the
>> same throughout the sphere, unlike the radiation from a turnstile,
>> which radiates one polarization sense above the equator and the
>> opposite sense below the equator, where the turnstile elements lie on
>> the equator.
>>
>> You can find info on the bifilar helix in Chapter 22 of Reflections,

>> eds 1 and 2. If you don't have a copy of Reflections available,
>> Chapter 22 is available for downloading from my web page at
>> www.w2du.com. Click on "Read Chapters from Reflections 2" and then
>> click on 'Chapter 22, Quadrifilar Antenna'.
>>
>> Fig 22-5 shows the radiation pattern for the quadrifilar, but the
>> radiation in the 180° direction is suppressed due to the effect of the
>> second helix positioned 90° from the first helix, and fed in
>> quadrature (90°) relative to the first. In the absence of the second
>> helix the radiation from a single bifilar is spherical.
>>
>> Fig 22-8 shows a simple method of feeding the bifilar helix--it's
>> called an 'infinite balun', because the current that would flow on the
>> outside surface of the coax when feeding a doublet dipole without a
>> balun is now flowing on the outside surface of the radiator, which is
>> what we want.
>>
>> If you're interested in further info on the helices used in
>> quadrifilars or bifilars, see the report on my R&D experiment on
>> quadrifilars, in which I measured radiation patterns and driving point
>> impedances on more than a thousand different configurations of the
>> quadrifilar. The R&D report is available for downloading on my web
>> page. Click first on "Read Appendices from Reflections 2", and then
>> click on 'Appendix 13, RCA R&D Quadrifilar Helix Antenna'.
>>
>> Hope this helps,
>>
>> Walt Maxwell, W2DU
>
> Hi Walt,
>
> Thanks for your reaction. And yes, I found your articles already some
> time ago. I missed the notes on the bifilar, but will study them again
> carefully.
>
> Again, thanks,
>
> Sam

Hi Sam

I dont want to discourage your study of them, but, bifilar has significant nulls for CP.

Jerry

Jerry

2901. Re: 137Mhz antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-27 17:17:45 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <Z4Fah.13696$JQ.6142@trnddc06>
Source record: 49125

"JIMMIE" <JIMMIEDEE123@YAHOO.COM> wrote in message
news:1164580935.344052.135150@45g2000cws.googlegroups.com...
>I want to built an antenna to receive weather images. I have done this
> before using a simple dipole antenna. This time I was thinking of using
> a pair of crossed dipoles and wanted to know if it would be best to
> configure them as a circular polarized antenna feeding them 90 degrees
> out of phase or as a turnstile antenna with both elements fed in-phase.
> I have an old vhf aviation band converter that I think I can optimize
> for 137Mhz use. I think the only thing else I need is a PC with a sound
> card and the right software. This is the first time my daughter has
> ever asked me for help with a GS project so I had better do this right.

Hi Jimmie

A turnstile antenna with reflectors is easy to build, and it works very
well for APT image reception from NOAA satellites.
If you build your weather satellite station from an aviation VHF receiver,
you wont be searching for perfection. So, I strongly suggest that you
avoid learning how to build a Quad helix.
If you have interest in learning about designing antennas for APT imaging,
I can show you how to construct an APT antenna that works better than a Quad
Helix . I have an "Internet buddy" who publishes alot of the information
I send him about the antenna concept that works a little better than a Quad
Helix. He (Patrik Tast) publishes the data at
http://213.250.83.83/~jerry/.

Jerry

2902. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 00:22:22 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <2jLah.4134$tM1.1687@newsread1.news.pas.earthlink.net>
Source record: 48976
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.policy,rec.radio.amateur.antenna

"Sal M. Onella" <salmonella@food.poisoning.org> wrote in
news:o09ah.35501$zT4.34460@newsfe11.phx:

>
> "Plexus" <plexus_sdc@yahoo.com> wrote in message
> news:1164479455.196563.16150@14g2000cws.googlegroups.com...
>
> < snip >
>
>> Morse is FUN.
>
> Yeah, if you can do it. (Not everyone can.)

Sal.

Please keep your whiney ass out of the CW threads. If you want to shit
your diaper, please take it to the CB group, or start up a new own thread
with Markie and Opus.

SC

2903. Re: Coffee grounds and cookie crumbs make good teaching aids.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 00:22:28 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <8jLah.4138$tM1.74@newsread1.news.pas.earthlink.net>
Source record: 48977
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

"Sal M. Onella" <salmonella@food.poisoning.org> wrote in
news:Wzv9h.3034$YY.2842@newsfe12.phx:

>
> "Old Time Ham" <old_fart@curmudgeons.com> wrote in message
> news:ka-dnVNxSpLhKPjYnZ2dnUVZ_qOdnZ2d@comcast.com...
>>
>
>> > I feel your pain. It must suck for you to have to live in Lid-ville.
>> >
>
> it';s slow if you are a 5 WPM lid that has no
>> pride in themselves, but for REAL Hams it is efficient, and fast.
>
> I just looked up "lid" - a poor operator, one who does not follow proper
> procedures or sends sloppy Morse code. (Not me on either count. It's a
> silly insult to throw around when you don't know somebody.)
>
> Moderator, can we rename this thread? I think "Mode Rage" sounds right.
>
> (If it keeps going, I can claim that you're not real hams if you don't
> do Amateur TV at 1.2 GHz. Then what?)

No Sal, You'd still be a retard. Doing ATV doesn't any require skill, and
it doesn't have it own test element either. A CB'er could go ATV, maybe
thats why you're good at it.

Come back after you learn CW to 20 wpm, and I'll pat you on the back and
say "Welcome to Ham radio, Well Done."

SC

2904. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 00:22:35 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <fjLah.4143$tM1.1155@newsread1.news.pas.earthlink.net>
Source record: 48978
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

"U-Know-Who" <no-one@nowhere.com> wrote in
news:Svs9h.2203$_H5.295@tornado.texas.rr.com:

>
> "Slow Code" <my.mail@no.spam> wrote in message
> news:E1s9h.2642$ql2.1992@newsread3.news.pas.earthlink.net...
>> "U-Know-Who" <no-one@nowhere.com> wrote in
>> news:Jo89h.2462$Gk5.1576@tornado.texas.rr.com:
>>
>>>
>>> "Slow Code" <my.mail@no.spam> wrote in message
>>> news:Vx59h.2178$ql2.1579@newsread3.news.pas.earthlink.net...
>>>> Joe Bloe <abaslon@comcast.net> wrote in
>>>> news:oei7m2hhbvm46q3qmkkfl4k7ui4tdtqei9@4ax.com:
>>>>
>>>>> On Tue, 21 Nov 2006 00:54:50 GMT, Slow Code <my.mail@no.spam> wrote:
>>>>>
>>>>>"U-Know-Who" <no-one@nowhere.com> wrote in
>>>>>news:5lO7h.283$_H5.256@tornado.texas.rr.com:
>>>>>
>>>>>>
>>>>>> "Slow Code" <my.mail@no.spam> wrote in message
>>>>>> news:1wN7h.626$sf5.622@newsread4.news.pas.earthlink.net...
>>>>>>> jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote in
>>>>>>> news:ej8knc$kn5$1@news.hawaii.edu:
>>>>>>>
>>>>>>>> John Smith <assemblywizard@gmail.com> wrote:
>>>>>>>>>Idiot, check your spelling, it's "group troll."
>>>>>>>>
>>>>>>>> Well, let's see if he ment "poll" or "troll":
>>>>>>>>
>>>>>>>>
>>>>>>>> 0 2 4 6 8 10
>>>>>>>> /
>>>>>>>> /
>>>>>>>> /
>>>>>>>> /
>>>>>>>> /
>>>>>>>> /
>>>>>>>> /
>>>>>>>> /
>>>>>>>> POLL-O-METER
>>>>>>>

>>>>>>>>
>>>>>>>>
>>>>>>>> So what appliances does everyone hope Santa brings them for Xmas?
>>>>>>>>
>>>>>>>> HF, VHF, UHF, KENWOOD, YAESU, ICOM, Cobra?
>>>>>>>>
>>>>>>>>
>>>>>>>> I couldn't think of anything for myself, so I hope I just get a
>>>>>>>> some componants and a new soldering iron for projects so I can
>>>>>>>> keep moving forward in ham radio.
>>>>>>>>
>>>>>>>> SC
>>>>>>>
>>>>>>> And spell check for your PC. :-)
>>>>>>
>>>>>>
>>>>>>Which one do you have? I want Santa to bring me a different one.
>>>>>>The one you have doesn't work.
>>>>>>
>>>>>>SC
>>>>>
>>>>>
>>>>> Clip and paste to "Word for Windows". . . It's got the best spell
>>>>> checker in the market. Just leave it running in the backgrould and
>>>>> call it up when you need to type out a letter or two.
>>>>
>>>>
>>>> Thanks, I'll pass that on to U-Know-Who, but he probably don't have
>>>> word, just computer games.
>>>>
>>>> SC
>>>
>>> I have Office Pro 2003
>>
>>
>> WOW
>>
>> SC
>
> I ran your posts through it. It said to please excuse the idiot in
> Colorado who can't afford a high-speed connection.

Your CB radio not back from the repair shop so you got to attack real
radio operators? I knew you went for those "easy-to-burn-up' Cobra and
Galaxy brand appliances.

Oh, and I don't live in colorado, I'm ya alls next door neighbor.

Howdy Neighbor. Heee Heee Heeeeeeee!
SC

2905. Re: Happy turkey day you no-code turkeys.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 00:22:36 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <gjLah.4144$tM1.2821@newsread1.news.pas.earthlink.net>
Source record: 48979
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

"RHF" <rhf-newsgroups@pacbell.net> wrote in
news:1164450905.259460.308730@j44g2000cwa.googlegroups.com:

>
>
> On Nov 21, 4:31 pm, Slow Code <my.m...@no.spam> wrote:
>> and Happy Thanksgiving Pro-Coders.
>>
>> SC
>
> SC - So why didn't you Key-Up and Send-It ~ RHF

I did, but this is the only way to reach the no-codes hams, this and CB,
but I don't do CB.

SC

2906. Re: Happy turkey day you no-code turkeys.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 00:22:37 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <hjLah.4145$tM1.1849@newsread1.news.pas.earthlink.net>
Source record: 48980
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

"JOHN D" <jawnd393one@yahoo.com> wrote in
news:evJ9h.6046$IW2.4244@trndny03:

>
> Why am I wasteing my time brushing up on radio & electronic theory and
> studying schematics when, apparantly, all I need is better cw skills to
> enable me to fix my radios.

You need both to be a well balance operator. If you're willing and
motivated enough to be able to learn and communicate with CW, you're also
more likely to be motivated to advance yourself technically in other areas
of radio as well. You won't be one of those unmotivated no-code appliance
operators you hear on repeaters who spend their days kerchunking all the
machines in the area.

SC

2907. Re: Hey slow code... (and WTB 500 kHz xmtr)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 00:22:40 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <kjLah.4147$tM1.169@newsread1.news.pas.earthlink.net>
Source record: 48982
Cross-posted to: rec.radio.amateur.policy,rec.radio.cb,rec.radio.swap,rec.radio.amateur.antenna

jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote in
news:ekdaq6$sk8$1@news.hawaii.edu:

> news:MB89h.2469$Gk5.765@tornado.texas.rr.com wrote:
>> What color horse do you use for transportation? Surely you don't use
>> these newfangled things called cars do you? You know of course, horses
>> make you a better, more skilled driver, right? Cars are for stupid,
>> lazy people, who just want to go somewhere, with no care how it easy it
>> was to get there. And what if there is a gas shortage? The horse can
>> take you to the hospital to save your life for only the cost of some
>> grass.
>
> I see you're still using a keyboard to communicate; they've been around
> since the mid 1800s. Tell me you're not still using a telephone; that
> was invented circa 1880. Verbal communication? That's been in
> use for millions of years. Walking upright? A gazillion years.
>
> It's no accident that the most useful things seem to stick around for
> quite a long time. For many hams, that includes CW.
>
> Let's have a contest: We'll each build a transmitter from scratch for
> our favorite mode; let's see who can get it built and on the air faster,
> and collect more QSOs, within say, a week.
>
> Now, just so this is on-topic for .swap: WTB shipboard 500 kHz xmtr,
> preferably, a Mackay Marine emergency rig.
>
> No 73 for you,
> Jeff KH6O

Thanks Jeff, I forgot how old the keyboard was. Using RF to send CW is
much more modern. I guess the CW haters are just lazy.

SC

2908. Re: If CW is eliminated.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 00:22:43 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <njLah.4149$tM1.3480@newsread1.news.pas.earthlink.net>
Source record: 48981
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Joe Bloe <abaslon@comcast.net> wrote in
news:9uvjm29oql80v8m0rbbm36rs7qi9mtseir@4ax.com:

> On Thu, 23 Nov 2006 00:02:02 GMT, Slow Code <my.mail@no.spam> wrote:
>
>>"tools" <tools@attwb.net> wrote in
>>news:usZ8h.5$Bm3.138376@news.sisna.com:
>>
>>> "Slow Code" <my.mail@no.spam> wrote in message
>>> news:PTM8h.1814$sf5.431@newsread4.news.pas.earthlink.net...
>>>>
>>>> You can tell everyone you're a CB'er deluxe.
>>>>
>>>> SC
>>>
>>> If code is eliminated from the US requirements, will you quit amateur
>>> radio?
>>
>>
>>If code is eliminated the riff-raff that will overrun the bands will
>>drive a lot of people out of amateur radio. It's bad now even with a
>>5wpm code.
>>
>>Back when I got my license there was alot of technical discussions,
>>experimentation and lot of hams improving their communication and
>>technical skills. Now with 5 wpm, convertions are mainly about appliance
>>operating, or how someone did something stupid and burned up their rigs,
>>things just like you can hear on CB.
>>
>>SC
>
> HAhaha! You are SO Stuck on the CB aspect of things.
>
> Talk about a One Track Mind! Wow! You are SO Paranoid about this
> `Slow.
>
> Hey, think if it this way, and you MAY find peace in the
> realization:
>
> Real HAM Equipment costs BIG-BUCKS. LOTS of $$$, and is quite a bit
> of a hassle to hook up properly and make work correctly. There is
> naturally a learning curve in which people just Have to pay attention
> to. That, as well as a pretty hefty drain on the ol' bank account.

> Don't you agree?
>
> Next realization is :
> People are naturally LAZY, Stupid, and CHEAP!
>
> SO, if you put it together, it goes something like this:
>
> CB's are CHEAP and PLENTIFULL. They're EASY to set up and run. Plug
> into the cigarette lighter, toss the antenna on the roof of the car,
> push a button and talk into the mike. . . Pretty straight forward
> and, well, stupid. Correct? And, did I mention their damn cheep?
> $50 and you are on the air in grand style!
>
> Ham radio. .. Humm, lets see now. Even at the "Lowest Level", you
> actually have to sit down and read something! Oooh. . . That takes
> effort! And, it's still going to cost over $200, JUST for the Radio.
> Not very easy for a Red Necked Ratchet-Jaw to afford, (Who has trouble
> just keeping beer in the 'fridge.) Next, one has to go and buy the
> antenna too. .. Hummm. Another learning curve here again. What
> type? Horizontal? Vertical?? And being that the system is pretty
> darn sensitive to begin with, they have to take time, and again, LEARN
> how to set it up properly to even transmit. And if they burn it up in
> the process, WHO CARES?! They'll quit right there and then. That'd
> be a Good Thing, huh?
>
> Next there's learning the bandwidths, repeaters, and patches. Its
> just not punching a button from 1 to 40 and listing to somebody talk
> then joining in. . . One has to fiddle around with it and set the
> particular frequencies and splits. Moreover, every region is
> different, Unlike a CB. It's something that one just doesn't have
> time to do while driving down the road, like blindly spinning the dial
> on a CB. It's just too much hassle, work, time, learning, and
> especially, WAY too much MONEY involved!
>
> Slow, I guarantee you that if some how, they drop CW, HAM Will Not
> Ever become like the CB is now. And for at least as many more reasons
> as I brought to light here.

Why do you anti-code test people always spew the same dumb ass arguments all the time? The repeaters went down hill after the code requirement was eliminated for use of those bands. Hardly anything technical at all. Most of the retards up there aren't moving forward tecchnically. What makes you thing the same thing won't happen on HF? It will happen there too. We'll have fewer quality operators.

You say the things you do just like all the other dumb it downers say, You think CW is preventing the growth of amateur radio, and it needs to modernize. The CW requirement isn't preventing the growth of amateur radio, Laziness is.

SC

2909. Re: Just listen to CB if you want to know what ham radio will sound like.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 00:22:45 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <pjLah.4150$tM1.1651@newsread1.news.pas.earthlink.net>
Source record: 48983
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Joe Bloe wrote in news:3ijhm29oiqed1l6hg451s0ej9k6knstol6@4ax.com:

> On Fri, 24 Nov 2006 01:37:55 GMT, Slow Code <my.mail@no.spam> wrote:
>
>>
>>
>>We need to keep the CW requirement and increase it. We shouldn't let
>>ham radio get dumbed down again.
>>
>>SC
>
> And we should insist they learn Swahili, Tasmanian, and in all
> honesty, speak in binary proficiently. . . Well, one has to learn how
> to beat upon a railroad track with a rock for CODE, might as well take
> in the more simple aspects as well, huh?
>
> My computer does CODE better and faster than you can `Slow. . . So,
> what does that make you then? A Slacker or just a stupid agitator?
>
> There is NO NEED for anybody to learn CODE. Not unless they WANT
> to. What the hell does CODE have to do with SSTV? Or Packet? OR
> Phone? There, I gave you THREE aspects of communications via "HAM"
> that harbors Absolutely NO use of LEARNING CODE in any way, form, or
> shape. Can you truefuly offer me as many NEEDFULL aspects of HAM
> Radio which demands the use of Code?
>
> Absolutely NOT!
>
> In that regard, your very "hobby" denounces Your insistence upon
> CODE, as a requirement, as arcade and dusty as a dead rat's fart.
>
> We are NOT living in the 1920's any more `Slow. . . It DOESN"T
> MATTER ANY MORE if People can beat on a railroad track with a rock or
> not. NO ONE HAD THE SHIT WE HAVE TODAY, THEN! Hells bells `Slow, I
> said it before and I'll state it again. The Damn CELL PHONE is
> Cheaper and BETTER at communication than any silly HAM station in the
> world! And it doesn't take no bloody HAM license to use it, ether.
> Just a simple bank account.. . No wait. . Not even that in some
> cases. Just a wad of dollars in your grubby little fist will suffice,
> and there's No waiting on Sun Spots ether!
>
> Honestly Slow, its people like you who make me want to sell my radio
> station for a 1911 colt. . . They don't do CODE ether, but its damn

> good with Binary!

I know you're right, Requiring good operators will kill the service.

Hams just want to be appliance operators these days and they don't want license exams that will interfere with them getting to those appliances even though it means being less skilled. I don't see anyone modernizing like everyone says is happening. They just get their licenses and grab a microphone. What percentage of hams have a computer connected to a radio? Probably less than 30%. Hams don't want to modernize. Guess we just have live with inferior operators on the bands from here on out. Then again, maybe hams shouldn't be required to be knowledgable or have skills. Requiring skills and knowledge is too old skool. Everything must be outcome based these days, even licensing. It ain't like we have to help out in emergencies or anything. It's Quantity, not quality. We need more hams even if they aren't skilled.

SC

2910. Re: Laziness is no reason to destroy quality radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 00:22:49 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <tjLah.4153$tM1.3238@newsread1.news.pas.earthlink.net>
Source record: 48984
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

"Juan Skinner" <wind_in_the_antenna@yahoo.co.uk> wrote in
news:1164386983.981467.137780@m7g2000cwm.googlegroups.com:

> The trouble with a code is that it is designed to keep people out. Once
> you've learned the 'secret' code, it makes you feel that you have
> something that you, and a select group of others can participate in.
> Once you're up there, see how quickly you pull the ladder up.
> Does a proficiency in CW make for a better operator? Yes, in a way. It
> shows a studious interest in the hobby and is a worth achievement but
> does it make a more courtious or interesting operator? Certainly not,
> and this group is witness to that.
> "People who don't use code are lazy", What? Is that the only discipline
> available to allow someone to experiment with radio? Absolutely not!
> How about learning electronics and building your own equipment? Is that
> a lesser or a greater achievement?
> How about taking the hobby forward by progressing and leading cutting
> edge technologies? It was after all the amateur fraternity who brought
> this new fangled SSB phone mode. Were are at the dawn of a new digital
> age on all you people can do is look backwards and remain firmly rooted
> in the seventeenth century.
> Come on, wake up and smell the 21st century.

It's got to be incorporated into the exams then, otherwise hams aren't
going to learn and do it. If ham radio is to modernize hams must be
forced to modernize. CW isn't preventing the modernization of ham radio,
Laziness is.

Look at the no-coders on the repeaters. Many of them have been licensed
for years and they ain't moderizating. They're no better than they were
the day they were first licensed.

The passing score on written exams need to be 85% and double the number of
questions on each test element.

I push for quality hams. If you don't like quality there is CB. Let's
not turn the ham bands into CB

SC

2911. Re: Lets be RUDE and INSULT each OTHER for a change

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 00:22:50 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <ujLah.4154$tM1.3793@newsread1.news.pas.earthlink.net>
Source record: 48985
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

"amdx" <amdx@knology.net> wrote in
news:da011$45664c05$45011502$16738@KNOLOGY.NET:

>
> "Charlie" <charlie@ease.biz> wrote in message
> news:12mc2o9nfu05s32@corp.supernews.com...
>> Enough IS enough children!! You all are acting like babies!
>>
>> Please people..let's let the Spirit of the Holidays prevail in our
>> hearts.
>>
>> --
>>
>> 73,Charlie-AD5TH (20 wpm Extra - 1995)
>> www.ad5th.com
>>
>>
> Well, uh, uh, slow code started it!

I most certainly did not start it. I'm the nicest person on usenet.

I'm here to help guide and motive people on how they can make themselves
better radio amateurs, unfortunately, some of those I'm trying to help
prefer to be stupid and lazy, and they flame people that try to help them
and they are down right rude. You can see the no-code license was a bad
idea, we need to require all hams pass a code test to bring intelligence
and civility back to ham radio and the repeaters. I prefer getting the
code requirement back up to somewhere between 13 and 20 wpm for all hams.

SC

2912. Re: POLL ABOUT CODE

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 00:25:04 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <AlLah.4166$tM1.2525@newsread1.news.pas.earthlink.net>
Source record: 48986
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Joe Bloe wrote in news:58vjm2pglrdoduhocs77p5buhe4gal2io2@4ax.com:

> On Thu, 23 Nov 2006 00:02:12 GMT, Slow Code <my.mail@no.spam> wrote:
>
>>"tools" <tools@attwb.net> wrote in
>>news:xuZ8h.7$dm3.113776@news.sisna.com:
>>
>>> If code is eliminated from US requirements, will you quit amateur
>>> radio? If not, why not? If yes, why not leave now?
>>
>>
>>No one is going to quit amateur radio because the code requirement was
>>eliminated, maybe a couple might. It's the retards that will flood the
>>bands afterwards that are going to drive good hams out of ham radio.
>>
>>We already have one CB service, we don't need two.
>>
>>SC
> Hey Slow Code,
>
> Did'ja totally forget about the 2 meter band? Oh yea. . How about
> the 70CM band as well? Boy-O-boy Slow, I tell ya' right here and now,
> I've heard just as bad "Ratchet-Jaw" or Drooling idiots who think
> they HAVE to talk on those two bands, (Which of course require
> Expensive Equipment and Testing with Licensing.), as I've ever heard
> on the C.B.

Right. Eliminating the code requirement for the Tech license was a bad
idea and it let riff-raff on our VHF and UHF bands. They need to require
passing a CW test for the technician license again, or make the no-code
license one year non-renewable.

SC

2913. Re: Those wonderful TOYS!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 00:26:16 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <ImLah.4171$tM1.3684@newsread1.news.pas.earthlink.net>
Source record: 48987
Cross-posted to: alt.binaries.schematics.electronic,sci.electronics.cad,sci.electronics.design,sci.electronics.misc,comp.arch.embedded,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,sci.electronics.repair

maxfoo <maxfoo@punkass.com> wrote in
news:3r8em2hgqap3pbpoqi7m4dghfuouloadfp@4ax.com:

> GAWD, These kids nowadays have it made!
> Check out this kewl hotwheels radar gun on sale for $20.00 at Walmart.
> I wonder if it's accurate though, I might just pick one up and
> dissect it!!
> Anyone already get one of these, is it accurate? TIA
>
> http://www.walmart.com/catalog/product.do?product_id=4661205

They'll grow up and want to be state troopers.

SC

2914. kokathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 00:32:16 UTC
From: Mark@kb9rqz.aprs
Message-ID: <hq0nm29piatsvumerslgh58bsmvbednpdv@4ax.com>
Source record: 48988
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Tue, 28 Nov 2006 00:25:04 GMT, Slow Code <my.mail@no.spam> wrote:

>Joe Bloe wrote in news:58vjm2pglrdoduhocs77p5buhe4gal2io2@4ax.com:
>
>> On Thu, 23 Nov 2006 00:02:12 GMT, Slow Code <my.mail@no.spam> wrote:
>>
>>>"tools" <tools@attwb.net> wrote in
>>>news:xuZ8h.7$dm3.113776@news.sisna.com:
>>>
>>>> If code is eliminated from US requirements, will you quit amateur
>>>> radio? If not, why not? If yes, why not leave now?
>>>
>>>
>>>No one is going to quit amateur radio because the code requirement was
>>>eliminated, maybe a couple might. It's the retards that will flood the
>>>bands afterwards that are going to drive good hams out of ham radio.
>>>
>>>We already have one CB service, we don't need two.
>>>
>>>SC
>> Hey Slow Code,
>>
>> Did'ja totally forget about the 2 meter band? Oh yea. . How about
>> the 70CM band as well? Boy-O-boy Slow, I tell ya' right here and now,
>> I've heard just as bad "Ratchet-Jaw" or Drooling idiots who think
>> they HAVE to talk on those two bands, (Which of course require
>> Expensive Equipment and Testing with Licensing.), as I've ever heard
>> on the C.B.
>
>
>Right. Eliminating the code requirement for the Tech license was a bad
>idea and it let riff-raff on our VHF and UHF bands.

riffraff well you were already on weren't you

>They need to require
>passing a CW test for the technician license again, or make the no-code
>license one year non-renewable.

neither will happen surely you are smart enough to know that so why do
you harm the ARS by putting out such filth
>
>SC
http://kb9rqz.blogspot.com/

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Posted via a free Usenet account from http://www.teranews.com

2915. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 00:35:57 UTC
From: Mark@kb9rqz.aprs
Message-ID: <ev0nm2lof686t557dlk7u8kqv6ju3ofi8g@4ax.com>
Source record: 48989
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

On Tue, 28 Nov 2006 00:22:28 GMT, Slow Code <my.mail@no.spam> wrote:

>"Sal M. Onella" <salmonella@food.poisoning.org> wrote in
>news:Wzv9h.3034$YY.2842@newsfe12.phx:
>
>>
>> "Old Time Ham" <old_fart@curmudgeons.com> wrote in message
>> news:ka-dnVNxSpLhKPjYnZ2dnUVZ_qOdnZ2d@comcast.com...
>>>
>>
>>> > I feel your pain. It must suck for you to have to live in Lid-ville.
>>> >
>>
>> it';s slow if you are a 5 WPM lid that has no
>>> pride in themselves, but for REAL Hams it is efficient, and fast.
>>
>> I just looked up "lid" - a poor operator, one who does not follow proper
>> procedures or sends sloppy Morse code. (Not me on either count. It's a
>> silly insult to throw around when you don't know somebody.)
>>
>> Moderator, can we rename this thread? I think "Mode Rage" sounds right.
>>
>> (If it keeps going, I can claim that you're not real hams if you don't
>> do Amateur TV at 1.2 GHz. Then what?)
>
>
>No Sal, You'd still be a retard. Doing ATV doesn't any require skill, and
>it doesn't have it own test element either. A CB'er could go ATV, maybe
>thats why you're good at it.

then describe YOUR atv gear Steve and ho many contacts you have what
is you best dx on ATV Mine is about 60 miles on 10 watts no a realible
path and something I can only fdo in summr round here and it was
international to
>
>Come back after you learn CW to 20 wpm, and I'll pat you on the back and
>say "Welcome to Ham radio, Well Done."

why do you want to kill the ars sc?

I realy wish youd answer that question
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2916. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 00:37:42 UTC
From: Mark@kb9rqz.aprs
Message-ID: <341nm25jqb8oaeq2751sevlv3imutm99nm@4ax.com>
Source record: 48990
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.policy,rec.radio.amateur.antenna

On Tue, 28 Nov 2006 00:22:22 GMT, Slow Code <my.mail@no.spam> wrote:

>"Sal M. Onella" <salmonella@food.poisoning.org> wrote in
>news:o09ah.35501$zT4.34460@newsfe11.phx:
>
>>
>> "Plexus" <plexus_sdc@yahoo.com> wrote in message
>> news:1164479455.196563.16150@14g2000cws.googlegroups.com...
>>
>> < snip >
>>
>>> Morse is FUN.
>>
>> Yeah, if you can do it. (Not everyone can.)
>
>
>Sal.
>
>Please keep your whiney ass out of the CW threads.

why you whine in all th thread and spew your hatred of REAL Hams like
me

> If you want to shit
>your diaper, please take it to the CB group, or start up a new own thread
>with Markie and Opus.

get help for your intantace on toilet sex discussion in radio NGs,
steve
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2917. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 00:44:19 UTC
From: Mark@kb9rqz.aprs
Message-ID: <8i1nm29084f6poimg38gl89ch1ge8rth2c@4ax.com>
Source record: 48992
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

```
On Tue, 28 Nov 2006 00:22:35 GMT, Slow Code <my.mail@no.spam> wrote:

>"U-Know-Who" <no-one@nowhere.com> wrote in
>news:Svs9h.2203$_H5.295@tornado.texas.rr.com:
>
>>
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:E1s9h.2642$ql2.1992@newsread3.news.pas.earthlink.net...
>>> "U-Know-Who" <no-one@nowhere.com> wrote in
>>> news:Jo89h.2462$Gk5.1576@tornado.texas.rr.com:
>>>
>>>>
>>>> "Slow Code" <my.mail@no.spam> wrote in message
>>>> news:Vx59h.2178$ql2.1579@newsread3.news.pas.earthlink.net...
>>>>> Joe Bloe <abaslon@comcast.net> wrote in
>>>>> news:oei7m2hhbvm46q3qmkkfl4k7ui4tdtqei9@4ax.com:
>>>>>
>>>>>> On Tue, 21 Nov 2006 00:54:50 GMT, Slow Code <my.mail@no.spam> wrote:
>>>>>>
>>>>>>>"U-Know-Who" <no-one@nowhere.com> wrote in
>>>>>>>news:5lO7h.283$_H5.256@tornado.texas.rr.com:
>>>>>>>
>>>>>>>>
>>>>>>>> "Slow Code" <my.mail@no.spam> wrote in message
>>>>>>>> news:1wN7h.626$sf5.622@newsread4.news.pas.earthlink.net...
>>>>>>>>> jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote in
>>>>>>>>> news:ej8knc$kn5$1@news.hawaii.edu:
>>>>>>>>>
>>>>>>>>>> John Smith <assemblywizard@gmail.com> wrote:
>>>>>>>>>>>Idiot, check your spelling, it's "group troll."
>>>>>>>>>>
>>>>>>>>>> Well, let's see if he ment "poll" or "troll":
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>> 0 2 4 6 8 10
>>>>>>>>>> /
>>>>>>>>>> /
>>>>>>>>>> /
>>>>>>>>>> /
>>>>>>>>>> /
>>>>>>>>>> /
>>>>>>>>>> /
>>>>>>>>>> /
```

>>>>>>>>>> POLL-O-METER
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>> So what appliances does everyone hope Santa brings them for Xmas?
>>>>>>>>>
>>>>>>>>>> HF, VHF, UHF, KENWOOD, YAESU, ICOM, Cobra?
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>> I couldn't think of anything for myself, so I hope I just get a
>>>>>>>>>> some componants and a new soldering iron for projects so I can
>>>>>>>>>> keep moving forward in ham radio.
>>>>>>>>>
>>>>>>>>>> SC
>>>>>>>>
>>>>>>>> And spell check for your PC. :-)
>>>>>>>
>>>>>>>
>>>>>>>Which one do you have? I want Santa to bring me a different one.
>>>>>>>The one you have doesn't work.
>>>>>>>
>>>>>>>SC
>>>>>>
>>>>>>
>>>>>> Clip and paste to "Word for Windows". . . It's got the best spell
>>>>>> checker in the market. Just leave it running in the backgrould and
>>>>>> call it up when you need to type out a letter or two.
>>>>>
>>>>>
>>>>> Thanks, I'll pass that on to U-Know-Who, but he probably don't have
>>>>> word, just computer games.
>>>>>
>>>>> SC
>>>>
>>>> I have Office Pro 2003
>>>
>>>
>>> WOW
>>>
>>> SC
>>
>> I ran your posts through it. It said to please excuse the idiot in
>> Colorado who can't afford a high-speed connection.
>
>
>Your CB radio not back from the repair shop so you got to attack real
>radio operators? I knew you went for those "easy-to-burn-up' Cobra and
>Galaxy brand appliances.

nah stev he just misses your shit
>
>Oh, and I don't live in colorado, I'm ya alls next door neighbor.
>
>Howdy Neighbor. Heee Heee Heeeeeeee!
>SC
http://kb9rqz.blogspot.com/

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Posted via a free Usenet account from http://www.teranews.com

2918. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 00:45:26 UTC
From: Mark@kb9rqz.aprs
Message-ID: <mj1nm2p8dinj514tdvdqo6l3kp2f6gdbeg@4ax.com>
Source record: 48991
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

On Tue, 28 Nov 2006 00:22:37 GMT, Slow Code <my.mail@no.spam> wrote:

>"JOHN D" <jawnd393one@yahoo.com> wrote in
>news:evJ9h.6046$IW2.4244@trndny03:
>
>>
>> Why am I wasteing my time brushing up on radio & electronic theory and
>> studying schematics when, apparantly, all I need is better cw skills to
>> enable me to fix my radios.
>
>
>You need both to be a well balance operator.
maybe

> If you're willing and
>motivated enough to be able to learn and communicate with CW, you're also
>more likely to be motivated to advance yourself technically in other areas
>of radio as well.

maybe it obviously did not work with you

>You won't be one of those unmotivated no-code appliance
>operators you hear on repeaters who spend their days kerchunking all the
>machines in the area.

most of those are extras Steve
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2919. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 00:46:49 UTC
From: Mark@kb9rqz.aprs
Message-ID: <vm1nm2dpcvd3otdji0bibrib1nt04e7e68@4ax.com>
Source record: 48993
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Tue, 28 Nov 2006 00:22:43 GMT, Slow Code <my.mail@no.spam> wrote:

>Joe Bloe <abaslon@comcast.net> wrote in
>news:9uvjm29oql80v8m0rbbm36rs7qi9mtseir@4ax.com:
>
>> On Thu, 23 Nov 2006 00:02:02 GMT, Slow Code <my.mail@no.spam> wrote:
>>
>>>"tools" <tools@attwb.net> wrote in
>>>news:usZ8h.5$Bm3.138376@news.sisna.com:
>>>
>>>> "Slow Code" <my.mail@no.spam> wrote in message
>>>> news:PTM8h.1814$sf5.431@newsread4.news.pas.earthlink.net...
>>>>>
>>>>> You can tell everyone you're a CB'er deluxe.
>>>>>
>>>>> SC
>>>>
>>>> If code is eliminated from the US requirements, will you quit amateur
>>>> radio?
>>>
>>>
>>>If code is eliminated the riff-raff that will overrun the bands will
>>>drive a lot of people out of amateur radio. It's bad now even with a
>>>5wpm code.
>>>
>>>Back when I got my license there was alot of technical discussions,
>>>experimentation and lot of hams improving their communication and
>>>technical skills. Now with 5 wpm, convertions are mainly about appliance
>>>operating, or how someone did something stupid and burned up their rigs,
>>>things just like you can hear on CB.
>>>
>>>SC
>>
>> HAhaha! You are SO Stuck on the CB aspect of things.
>>
>> Talk about a One Track Mind! Wow! You are SO Paranoid about this
>> `Slow.
>>
>> Hey, think if it this way, and you MAY find peace in the
>> realization:
>>
>> Real HAM Equipment costs BIG-BUCKS. LOTS of $$$, and is quite a bit
>> of a hassle to hook up properly and make work correctly. There is

>> naturally a learning curve in which people just Have to pay attention
>> to. That, as well as a pretty hefty drain on the ol' bank account.
>> Don't you agree?
>>
>> Next realization is :
>> People are naturally LAZY, Stupid, and CHEAP!
>>
>> SO, if you put it together, it goes something like this:
>>
>> CB's are CHEAP and PLENTIFULL. They're EASY to set up and run. Plug
>> into the cigarette lighter, toss the antenna on the roof of the car,
>> push a button and talk into the mike. . . Pretty straight forward
>> and, well, stupid. Correct? And, did I mention their damn cheep?
>> $50 and you are on the air in grand style!
>>
>> Ham radio. .. Humm, lets see now. Even at the "Lowest Level", you
>> actually have to sit down and read something! Oooh. . . That takes
>> effort! And, it's still going to cost over $200, JUST for the Radio.
>> Not very easy for a Red Necked Ratchet-Jaw to afford, (Who has trouble
>> just keeping beer in the 'fridge.) Next, one has to go and buy the
>> antenna too. .. Hummm. Another learning curve here again. What
>> type? Horizontal? Vertical?? And being that the system is pretty
>> darn sensitive to begin with, they have to take time, and again, LEARN
>> how to set it up properly to even transmit. And if they burn it up in
>> the process, WHO CARES?! They'll quit right there and then. That'd
>> be a Good Thing, huh?
>>
>> Next there's learning the bandwidths, repeaters, and patches. Its
>> just not punching a button from 1 to 40 and listing to somebody talk
>> then joining in. . . One has to fiddle around with it and set the
>> particular frequencies and splits. Moreover, every region is
>> different, Unlike a CB. It's something that one just doesn't have
>> time to do while driving down the road, like blindly spinning the dial
>> on a CB. It's just too much hassle, work, time, learning, and
>> especially, WAY too much MONEY involved!
>>
>> Slow, I guarantee you that if some how, they drop CW, HAM Will Not
>> Ever become like the CB is now. And for at least as many more reasons
>> as I brought to light here.
>
>
>
>Why do you anti-code test people always spew the same dumb ass arguments
>all the time? The repeaters went down hill after the code requirement was
>eliminated for use of those bands. Hardly anything technical at all. Most
>of the retards up there aren't moving forward tecchnically. What makes
>you thing the same thing won't happen on HF? It will happen there too.
>We'll have fewer quality operators.
>
>You say the things you do just like all the other dumb it downers say,

>You think CW is preventing the growth of amateur radio, and it needs to
>modernize. The CW requirement isn't preventing the growth of amateur
>radio, Laziness is.

which is why you need to trun in your lince you lazy bum
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2920. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 00:51:53 UTC
From: Mark@kb9rqz.aprs
Message-ID: <mv1nm2delaf94ll6lpnqqs78gq713psk6a@4ax.com>
Source record: 48994
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Tue, 28 Nov 2006 00:22:45 GMT, Slow Code <my.mail@no.spam> wrote:

>Joe Bloe wrote in news:3ijhm29oiqed1l6hg451s0ej9k6knstol6@4ax.com:
>
>> On Fri, 24 Nov 2006 01:37:55 GMT, Slow Code <my.mail@no.spam> wrote:
>>
>>>
>>>
>>>We need to keep the CW requirement and increase it. We shouldn't let
>>>ham radio get dumbed down again.
>>>
>>>SC
>>
>> And we should insist they learn Swahili, Tasmanian, and in all
>> honesty, speak in binary proficiently. . . Well, one has to learn how
>> to beat upon a railroad track with a rock for CODE, might as well take
>> in the more simple aspects as well, huh?
>>
>> My computer does CODE better and faster than you can `Slow. . . So,
>> what does that make you then? A Slacker or just a stupid agitator?
>>
>> There is NO NEED for anybody to learn CODE. Not unless they WANT
>> to. What the hell does CODE have to do with SSTV? Or Packet? OR
>> Phone? There, I gave you THREE aspects of communications via "HAM"
>> that harbors Absolutely NO use of LEARNING CODE in any way, form, or
>> shape. Can you truefuly offer me as many NEEDFULL aspects of HAM
>> Radio which demands the use of Code?
>>
>> Absolutely NOT!
>>
>> In that regard, your very "hobby" denounces Your insistence upon
>> CODE, as a requirement, as arcade and dusty as a dead rat's fart.
>>
>> We are NOT living in the 1920's any more `Slow. . . It DOESN"T
>> MATTER ANY MORE if People can beat on a railroad track with a rock or
>> not. NO ONE HAD THE SHIT WE HAVE TODAY, THEN! Hells bells `Slow, I
>> said it before and I'll state it again. The Damn CELL PHONE is
>> Cheaper and BETTER at communication than any silly HAM station in the
>> world! And it doesn't take no bloody HAM license to use it, ether.
>> Just a simple bank account.. . No wait. . Not even that in some
>> cases. Just a wad of dollars in your grubby little fist will suffice,
>> and there's No waiting on Sun Spots ether!
>>

>> Honestly Slow, its people like you who make me want to sell my radio
>> station for a 1911 colt. . . They don't do CODE ether, but its damn
>> good with Binary!
>
>
>
>I know you're right, Requiring good operators will kill the service.

meaning diminly you realize what you want will kill the ARS
>
so why do you innsist on trying to kill the ARS?
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2921. Re: Hey slow code... (and WTB 500 kHz xmtr)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 00:54:50 UTC
From: Mark@kb9rqz.aprs
Message-ID: <o52nm29ldird15t60fmhdo1bg27mjdmirn@4ax.com>
Source record: 48995
Cross-posted to: rec.radio.amateur.policy,rec.radio.cb,rec.radio.swap,rec.radio.amateur.antenna

On Tue, 28 Nov 2006 00:22:40 GMT, Slow Code <my.mail@no.spam> wrote:

>jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote in
>news:ekdaq6$sk8$1@news.hawaii.edu:
>
>> news:MB89h.2469$Gk5.765@tornado.texas.rr.com wrote:
>>> What color horse do you use for transportation? Surely you don't use
>>> these newfangled things called cars do you? You know of course, horses
>>> make you a better, more skilled driver, right? Cars are for stupid,
>>> lazy people, who just want to go somewhere, with no care how it easy it
>>> was to get there. And what if there is a gas shortage? The horse can
>>> take you to the hospital to save your life for only the cost of some
>>> grass.
>>
>> I see you're still using a keyboard to communicate; they've been around
>> since the mid 1800s. Tell me you're not still using a telephone; that
>> was invented circa 1880. Verbal communication? That's been in
>> use for millions of years. Walking upright? A gazillion years.
>>
>> It's no accident that the most useful things seem to stick around for
>> quite a long time. For many hams, that includes CW.
>>
>> Let's have a contest: We'll each build a transmitter from scratch for
>> our favorite mode; let's see who can get it built and on the air faster,
>> and collect more QSOs, within say, a week.
>>
>> Now, just so this is on-topic for .swap: WTB shipboard 500 kHz xmtr,
>> preferably, a Mackay Marine emergency rig.
>>
>> No 73 for you,
>> Jeff KH6O
>
>
>Thanks Jeff, I forgot how old the keyboard was. Using RF to send CW is
>much more modern. I guess the CW haters are just lazy.

nope the use of morsecode goes even futher back than keybaord but then
you know nothing SC
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2922. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 00:56:49 UTC
From: Mark@kb9rqz.aprs
Message-ID: <n92nm2d65d0qc7l9okl6hcu9mh3gbsk8ck@4ax.com>
Source record: 48996
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

On Tue, 28 Nov 2006 00:22:50 GMT, Slow Code <my.mail@no.spam> wrote:

>"amdx" <amdx@knology.net> wrote in
>news:da011$45664c05$45011502$16738@KNOLOGY.NET:
>
>>
>> "Charlie" <charlie@ease.biz> wrote in message
>> news:12mc2o9nfu05s32@corp.supernews.com...
>>> Enough IS enough children!! You all are acting like babies!
>>>
>>> Please people..let's let the Spirit of the Holidays prevail in our
>>> hearts.
>>>
>>> --
>>>
>>> 73,Charlie-AD5TH (20 wpm Extra - 1995)
>>> www.ad5th.com
>>>
>>>
>> Well, uh, uh, slow code started it!
>
>
>I most certainly did not start it. I'm the nicest person on usenet.
>

bullshit you have had nothing nice to say since you arrived sc
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2923. Re: If CW is eliminated.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 03:19:45 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <mVNah.62$t56.44@newsfe16.phx>
Source record: 48997

"Dave" <W1MCE@comcast.net> wrote in message
news:Z7mdnTA-xeOXfPfYnZ2dnUVZ_uSdnZ2d@comcast.com...
> To rephrase: "If CW is required for ALL license classes, this newsgroup
will be
> a much better place."

If a multi-engine instrument rating were required for ALL pilots ...

If a great figure were required for ALL who lounge by the pool
...

If a $45,000 wedding were required for ALL couple who fall in love ...

If a fillup were required by ALL cars who pull into a gas
station ...

If a perfect 100% score were required to pass ALL exams ...

If ALL babies had to be cute ...

If a little empathy could be instilled in ALL the Morsies ...

(Oh, maybe I overreached with that last one -- sorry.)

2924. Re: Lets be RUDE and INSULT each OTHER for a change

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 03:32:38 UTC
From: Jack Hamilton <jfh@acm.org>
Message-ID: <edbnm25me9nhqcsmmdil2dq991b0dnr6qn@4ax.com>
Source record: 48998
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

Slow Code <my.mail@no.spam> wrote:

>"amdx" <amdx@knology.net> wrote in
>news:da011$45664c05$45011502$16738@KNOLOGY.NET:
>
>>
>> "Charlie" <charlie@ease.biz> wrote in message
>> news:12mc2o9nfu05s32@corp.supernews.com...
>>> Enough IS enough children!! You all are acting like babies!
>>>
>>> Please people..let's let the Spirit of the Holidays prevail in our
>>> hearts.
>>>
>>> --
>>>
>>> 73,Charlie-AD5TH (20 wpm Extra - 1995)
>>> www.ad5th.com
>>>
>>>
>> Well, uh, uh, slow code started it!
>
>
>I most certainly did not start it. I'm the nicest person on usenet.
>
>I'm here to help guide and motive people on how they can make themselves
>better radio amateurs, unfortunately, some of those I'm trying to help
>prefer to be stupid and lazy, and they flame people that try to help them
>and they are down right rude. You can see the no-code license was a bad
>idea, we need to require all hams pass a code test to bring intelligence
>and civility back to ham radio and the repeaters.

Why don't you start by being civil on Usenet?

2925. Re: Those wonderful TOYS!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 04:39:16 UTC
From: Donald <Donald@dontdoithere.com>
Message-ID: <MsudnQQEf-jvIPbYnZ2dnUVZ_tWdnZ2d@comcast.com>
Source record: 48999
Cross-posted to: alt.binaries.schematics.electronic,sci.electronics.cad,sci.electronics.design,sci.electronics.misc,comp.arch.embedded,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,sci.electronics.repair

Slow Code wrote:

>
> They'll grow up and want to be state troopers.
>
> SC

They want to grow up to shoot bullets at live people.

At least 50 at a time.

2926. antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 04:56:04 UTC
From: jawod <jawod@fuse.net>
Message-ID: <425d6$456bc225$4831cf4b$6390@FUSE.NET>
Source record: 49000

Out of desperation, I thought I'd post SOMETHING (ANYTHING) with the word "antenna" in it.

I am preparing to set up a 2nd wire antenna at approx 90 degrees from my G5RV. This antenna is a purchased folded dipole from DX Engineering. It'll be connected to 400 ohm twin lead to a 4:1 Balun (DX Engineering again) and then RG8/U into the shack.

Is it better to place it 90 degrees from the center or from one of the ends? The ARRL Antenna Book shows both methods.

Thanks to ANYONE that answers "en forme"

John
AB8O

2927. Re: Requirements to talk?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 06:02:14 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ekgjkm$1da1$1@news.ndhu.edu.tw>
Source record: 49001

<Fred Furlly> wrote in message
news:e2sjm2le2qoqsej7fmtl9eihnlnjhpsmvg@4ax.com...
> ...
> What's wrong with this picture?

Fred:

You are a thinker. Indeed, you are much, much more than a thinker; your mind seems to be able to walk through the thickest of walls (but the thick minds here will daunt you!) and leap tall buildings with a single bound!

You will find such thinking and revelations are NOT liked here. This is a boy scouts club, a suicide-type-cult-thinking-group, or a virtual masonic temple, really! (darn thing is like a twisting den of snakes really!); a more-or-less-shrine to past heros who have defended the moronic (hmm, does that have a dual meaning?) social club which you make such astute observations of and relevant comments about... And then, there is the ARRL, a "southern baptist" and radio-fundamentalist-groupie-lodge type of outfit with devote and zealous members--they are better left to themselves. Well, some do think of them as children playing cops and robbers... but then, that is a whole 'nother story involving evil chicken banders, hams who are waiting to save the world with cw, hams who have built the same antenna design umteen times for umteen years and things related to such things which even bear a likeness to other strange going-ons.

No Fred, you will NOT be well liked here. And, you will find you are viewed as "DAMN RUDE!" for noticing. <wide grin>

Warmest regards,
John Smith

2928. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 07:35:36 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <85onm2hosjahl44pj97q8kfbniuer772va@4ax.com>
Source record: 49002

On Mon, 27 Nov 2006 23:56:04 -0500, jawod <jawod@fuse.net> wrote:

>I am preparing to set up a 2nd wire antenna at approx 90 degrees from my
> G5RV. This antenna is a purchased folded dipole from DX
>Engineering. It'll be connected to 400 ohm twin lead to a 4:1 Balun (DX
>Engineering again) and then RG8/U into the shack.
>
>Is it better to place it 90 degrees from the center or from one of the
>ends? The ARRL Antenna Book shows both methods.

Hi John,

Why all the care for technical description, and then form a question
appealing to aesthetics? Better?

"Better" is the parent to all answers both planned and ill-conceived.
I am forced to fill in the rhetorical blank left there as to you
meaning "would there be any impact that exceeds 1dB on way or the
other if the antenna were placed, say, diagonally to the G5RV."

Probably not.

However, this direct answer returns us to the semantic word-chase of
just what is meant by "better" and to what degree it is measured.

Another fill in the rhetorical blank: "would it affect the tune of
both/either to more than 10KHz? if the antenna were placed, say,
diagonally to the G5RV."

Probably, but "better" is relative to the distance in terms of
wavelength, and as the G5RV is a multiband antenna, and the new one
comes without pedigree, then that relativity is strained.

However, you do not express any inclination for the diagonal, but it
comes by association with center placement vs. end placement. The
crossed antennas of dipoles find each in the other's null; however,
what of dipoles crossed not like an X but rather like a T, or an L?

Interesting question that could be easily examined in 10 minutes by
the free version of EZNEC. My aesthetics demand a 1db variation or a
10Khz shift. They are met on the one, but not the other - this says
nothing of your sense of "better." The T and the X lead, whereas the
L and especially the diagonal push the envelope.

73's
Richard Clark, KB7QHC

2929. Re: Requirements to talk?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 07:40:30 UTC
From: "Fred Furlly"
Message-ID: <lipnm29q6ldg1hvh6tkt2qhvbiqkc1sn2h@4ax.com>
Source record: 49003

On Mon, 27 Nov 2006 22:02:14 -0800, "John Smith"
<assemblywizard@gmail.com> wrote:

><Fred Furlly> wrote in message
>news:e2sjm2le2qoqsej7fmtl9eihnlnjhpsmvg@4ax.com...
>> ...
>> What's wrong with this picture?
>
>Fred:
>
>You are a thinker. Indeed, you are much, much more than a thinker; your
>mind seems to be able to walk through the thickest of walls (but the thick
>minds here will daunt you!) and leap tall buildings with a single bound!
>
>You will find such thinking and revelations are NOT liked here. This is a
>boy scouts club, a suicide-type-cult-thinking-group, or a virtual masonic
>temple, really! (darn thing is like a twisting den of snakes really!); a
>more-or-less-shrine to past heros who have defended the moronic (hmm, does
>that have a dual meaning?) social club which you make such astute
>observations of and relevant comments about... And then, there is the ARRL,
>a "southern baptist" and radio-fundamentalist-groupie-lodge type of outfit
>with devote and zealous members--they are better left to themselves. Well,
>some do think of them as children playing cops and robbers... but then,
>that is a whole 'nother story involving evil chicken banders, hams who are
>waiting to save the world with cw, hams who have built the same antenna
>design umteen times for umteen years and things related to such things which
>even bear a likeness to other strange going-ons.
>
>No Fred, you will NOT be well liked here. And, you will find you are viewed
>as "DAMN RUDE!" for noticing. <wide grin>
>
>Warmest regards,
>John Smith
>
>

Oh. . . Oh Yea?! Well then "PTHTTttttttttttttttt"! =)

What the heck! Like I was told earler, it's the "Golden Rule". I
just forgot about that, and tried to make sense of HAM. Sigh. . .
Stupid me. BUT, I see there still are some sensable people out
there, John. . .

73's
Fred

2930. Re: Requirements to talk?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 07:42:00 UTC
From: "Fred Furlly"
Message-ID: <vvpnm2drqaa3sb18g2p6qa40nfqmaejdtc@4ax.com>
Source record: 49004

On Sun, 26 Nov 2006 20:11:30 -0800, Richard Clark <kb7qhc@comcast.net>
wrote:

>On Sun, 26 Nov 2006 17:16:48 -0800, Fred Furlly wrote:
>
>> ("Moron". . . Look it up in the dictionary.)
>
>It's spelled maroon.
>
>73's
>Richard Clark, KB7QHC

I've heard that from the Bugs Bunny Show!! (snicker)

2931. Re: CP nearly spherical

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 07:55:14 UTC
From: SamSvL <samsvl@nlr.nl>
Message-ID: <Xns98895ABEFE79Esamsvlnlrnl@192.87.166.15>
Source record: 49005

"Jerry Martes" <j.jmartes@verizon.net> wrote in
news:nPEah.15278$Uz.1717@trnddc05:

>
> "SamSvL" <samsvl@nlr.nl> wrote in message
> news:Xns988862B35D055samsvlnlrnl@192.87.166.16...
>> Walter Maxwell <walt@w2du.com> wrote in
>> news:t5qem2hmrhgj6j6c19239u7pgojf2lg285@4ax.com:
>>
>>> On Thu, 23 Nov 2006 19:04:22 GMT, "Jerry Martes"
>>> <j.jmartes@verizon.net> wrote:
>>>
>>>>
>>>>>"SamSvL" <samsvl@nlr.nl> wrote in message
>>>>>news:Xns9884A6756F505samsvlnlrnl@192.87.166.15...
>>>>> What would be a good (free space, 1 GHz) antenna to achieve
>>>>> circular polarizarion with a nearly spherical coverage?
>>>>>
>>>>> Thanks,
>>>>>
>>>>> Sam
>>>>
>>>>
>>>> Hi Sam
>>>>
>>>> If you want "half spherical" coverage for receiving a circularly
>>>> polarized
>>>>signal, a turnstile is probably the easiest to build.
>>>> If your requirements for sensitivity are more stringent than the
>>>> turnstile
>>>>provides, a quadrafilar helix is excellant circular polarization.
>>>>
>>>> Jerry
>>>>
>>> Hi Sam,
>>>
>>> FYI, the quadrifilar helix comprises two bifilar helices fed in
>>> phase quadrature. The result is hemispherical radiation in the
>>> radiation sphere. But the hemispherical radiation results from the
>>> combined radiations from each bifilar helix. Consequently, radiation
>>> from a single bifilar helix is spherical, with the polizarization
>>> sense the same throughout the sphere, unlike the radiation from a
>>> turnstile, which radiates one polarization sense above the equator

>>> and the opposite sense below the equator, where the turnstile
>>> elements lie on the equator.
>>>
>>> You can find info on the bifilar helix in Chapter 22 of Reflections,
>>> eds 1 and 2. If you don't have a copy of Reflections available,
>>> Chapter 22 is available for downloading from my web page at
>>> www.w2du.com. Click on "Read Chapters from Reflections 2" and then
>>> click on 'Chapter 22, Quadrifilar Antenna'.
>>>
>>> Fig 22-5 shows the radiation pattern for the quadrifilar, but the
>>> radiation in the 180° direction is suppressed due to the effect of
>>> the second helix positioned 90° from the first helix, and fed in
>>> quadrature (90°) relative to the first. In the absence of the second
>>> helix the radiation from a single bifilar is spherical.
>>>
>>> Fig 22-8 shows a simple method of feeding the bifilar helix--it's
>>> called an 'infinite balun', because the current that would flow on
>>> the outside surface of the coax when feeding a doublet dipole
>>> without a balun is now flowing on the outside surface of the
>>> radiator, which is what we want.
>>>
>>> If you're interested in further info on the helices used in
>>> quadrifilars or bifilars, see the report on my R&D experiment on
>>> quadrifilars, in which I measured radiation patterns and driving
>>> point impedances on more than a thousand different configurations of
>>> the quadrifilar. The R&D report is available for downloading on my
>>> web page. Click first on "Read Appendices from Reflections 2", and
>>> then click on 'Appendix 13, RCA R&D Quadrifilar Helix Antenna'.
>>>
>>> Hope this helps,
>>>
>>> Walt Maxwell, W2DU
>>
>> Hi Walt,
>>
>> Thanks for your reaction. And yes, I found your articles already some
>> time ago. I missed the notes on the bifilar, but will study them
>> again carefully.
>>
>> Again, thanks,
>>
>> Sam
>
>
> Hi Sam
>
> I dont want to discourage your study of them, but, bifilar has
> significant
> nulls for CP.

>
> Jerry
>
>
> Jerry
Hi Jerry,

The radiation pattern is doughnut shaped. You're right !

sam

2932. Re: Hey slow code... (and WTB 500 kHz xmtr)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 07:57:00 UTC
From: "Fred Furlly"
Message-ID: <05qnm2t7rh53dlsgcijjsnm87t8f9e7elo@4ax.com>
Source record: 49006

On Mon, 27 Nov 2006 19:54:50 -0500, Mark@kb9rqz.aprs wrote:

>On Tue, 28 Nov 2006 00:22:40 GMT, Slow Code <my.mail@no.spam> wrote:
>
>>jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote in
>>news:ekdaq6$sk8$1@news.hawaii.edu:
>>
>>> news:MB89h.2469$Gk5.765@tornado.texas.rr.com wrote:
>>>> What color horse do you use for transportation? Surely you don't use
>>>> these newfangled things called cars do you? You know of course, horses
>>>> make you a better, more skilled driver, right? Cars are for stupid,
>>>> lazy people, who just want to go somewhere, with no care how it easy it
>>>> was to get there. And what if there is a gas shortage? The horse can
>>>> take you to the hospital to save your life for only the cost of some
>>>> grass.
>>>
>>> I see you're still using a keyboard to communicate; they've been around
>>> since the mid 1800s. Tell me you're not still using a telephone; that
>>> was invented circa 1880. Verbal communication? That's been in
>>> use for millions of years. Walking upright? A gazillion years.
>>>
>>> It's no accident that the most useful things seem to stick around for
>>> quite a long time. For many hams, that includes CW.
>>>
>>> Let's have a contest: We'll each build a transmitter from scratch for
>>> our favorite mode; let's see who can get it built and on the air faster,
>>> and collect more QSOs, within say, a week.
>>>
>>> Now, just so this is on-topic for .swap: WTB shipboard 500 kHz xmtr,
>>> preferably, a Mackay Marine emergency rig.
>>>
>>> No 73 for you,
>>> Jeff KH6O
>>
>>
>>Thanks Jeff, I forgot how old the keyboard was. Using RF to send CW is
>>much more modern. I guess the CW haters are just lazy.
>
>nope the use of morsecode goes even futher back than keybaord but then
>you know nothing SC
>>
>>SC
>http://kb9rqz.blogspot.com/

Yea. Morse code goes wayyyyy back. Clear back to when the natives were beating on hollow logs. Depending on the way the wind was blowing, they could talk to aunt Ug, or Cousin UG, or even their brothers uG and Grunt.

All I'm trying to get at is there are more than one way to communicate. CW in the world of HAM is definitely and ONLY ONE way to do so. How about this then, just to make it even:

Everybody has to set up and communicate via SSTV at X number of frames per minute, just to offset the requirement for CW. Equal time for equal privileges! Just like the politicians trying to get votes. . . Every radio and TV station has to offer equal time to each person and each issue. No one issue is more important than any other. . . just UNLIKE Ham, where CW rules and all others Drool. How darn lop-sided can it get!

Please now, don't get me wrong. I don't dislike Code. I strictly feel that it's blown WAY out of proportion and has become an excuse rather than a feature. One has to step back and realize that there are more than one way to communicate with somebody else, and that there is no perfect or required way to do so, UNLESS YOU OWN A HAM RADIO. .. . Geez folks. Isn't it time to let that poor ol' dead horse finally lie down?

Fred

2933. Re: Laziness is no reason to destroy quality radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 08:21:56 UTC
From: "Fred Furlly"
Message-ID: <c0rnm25mofnukbldp7jrf2r49qrt87av3i@4ax.com>
Source record: 49007

On Tue, 28 Nov 2006 00:22:49 GMT, Slow Code <my.mail@no.spam> wrote:

>"Juan Skinner" <wind_in_the_antenna@yahoo.co.uk> wrote in
>news:1164386983.981467.137780@m7g2000cwm.googlegroups.com:
>
>> The trouble with a code is that it is designed to keep people out. Once
>> you've learned the 'secret' code, it makes you feel that you have
>> something that you, and a select group of others can participate in.
>> Once you're up there, see how quickly you pull the ladder up.
>> Does a proficiency in CW make for a better operator? Yes, in a way. It
>> shows a studious interest in the hobby and is a worth achievement but
>> does it make a more courtious or interesting operator? Certainly not,
>> and this group is witness to that.
>> "People who don't use code are lazy", What? Is that the only discipline
>> available to allow someone to experiment with radio? Absolutely not!
>> How about learning electronics and building your own equipment? Is that
>> a lesser or a greater achievement?
>> How about taking the hobby forward by progressing and leading cutting
>> edge technologies? It was after all the amateur fraternity who brought
>> this new fangled SSB phone mode. Were are at the dawn of a new digital
>> age on all you people can do is look backwards and remain firmly rooted
>> in the seventeenth century.
>> Come on, wake up and smell the 21st century.
>
>
>It's got to be incorporated into the exams then, otherwise hams aren't
>going to learn and do it. If ham radio is to modernize hams must be
>forced to modernize. CW isn't preventing the modernization of ham radio,
>Laziness is.
>
>Look at the no-coders on the repeaters. Many of them have been licensed
>for years and they ain't moderizating. They're no better than they were
>the day they were first licensed.
>
>The passing score on written exams need to be 85% and double the number of
>questions on each test element.
>
>I push for quality hams. If you don't like quality there is CB. Let's
>not turn the ham bands into CB
>
>SC

CW is way tough to learn `Slow. . . ANY Idiot who wants to try to
enter the world of HAM will be totally filtered out by that one, huh
SC? It's BUILDING Advanced Systems that's the easy part. That, and

launching new and improved satellites, (Stupid Rocket Science is for Babies! Right?) That Big ol C.W. requirement will be the solid bastion against any unwanted foolish sort of person trying to gain entry to the Wonderful World of HAM, . . . Forever and a day! Ain't that right, `Good Buddy! . . SC? G'me a big ol' 10/4 there `Slow!

The only thing that CW means is that one knows how to communicate via radio in the style which is reminisce of old telegraph lines from the early western era. Nothing more. It's like seeing somebody ride a hose dressed in a cowboy hat. . . You've GOT to have that damn Hat in order to ride a horse! Period! In the same way CW is to HAM Radio nowadays. Pretty stupid, huh?

Hey, I got a good one for you all out there in `Net Land:

Around my place, the HAMs are such a bunch of Butt-Heads that people wanting to learn how to code, TRAIN BY USING THE CB BANDS!!! You see, that way they don't get their butt's chewed out by people "Who Know Better" and are "Professionals in CW", and so they "Quit mucking up the bandwidth with their stupid banter!"

Around these parts, I have to admit the CB'ers are a whole lot NICER group of people than the High and Mighty "Generals" and "Extras" ever thought of being. Just because they can tap out a code on a brass button with a tin shoe horn! How pathetic can one get! We might as well bring out some "Musical Spoons" too!

SC, have you looked up the word "Moron" in the dictionary yet? Its really not what you think you know about it. Honest.

2934. Re: Happy turkey day you no-code turkeys.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 09:32:26 UTC
From: JOHN D <jawnd393one@yahoo.com>
Message-ID: <KmTah.10681$d42.1104@trndny07>
Source record: 49008
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

"Slow Code" <my.mail@no.spam> wrote in message
news:hjLah.4145$tM1.1849@newsread1.news.pas.earthlink.net...
> "JOHN D" <jawnd393one@yahoo.com> wrote in
> news:evJ9h.6046$IW2.4244@trndny03:
>
> > > Why am I wasteing my time brushing up on radio & electronic theory and
> > > studying schematics when, apparantly, all I need is better cw skills to
> > > enable me to fix my radios.
>
>
> You need both to be a well balance operator. If you're willing and
> motivated enough to be able to learn and communicate with CW, you're also
> more likely to be motivated to advance yourself technically in other areas
> of radio as well. You won't be one of those unmotivated no-code appliance
> operators you hear on repeaters who spend their days kerchunking all the
> machines in the area.
>
> SC

I guess my 2m in the car qualifies as an appliance radio. My HF radios are mostly all old tube type. Real radios have a warm glow. I came upon a bargain that I couldn't pass up on a Yaesu FT-901. I'm still trying to decide if it's too new for me. I still practice with code tapes but I ain't getting much better but, I'm proud of my 5 wpm extra class licence.
John

2935. How to secure your network

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 11:38:11 UTC
From: Martha Johnson <fuckzee@rediffmail.com>
Message-ID: <1164713891.427752.284220@80g2000cwy.googlegroups.com>
Source record: 49009

How to secure your network
Check this article to know how a network analyzer continuously monitors

traffic on network and provides detailed information about critical
problems, virus attacks and even generates traffic to stress test your
network
http://www.network-analyzer.blogspot.com

2936. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 11:57:26 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1164715046.444862.262960@l39g2000cwd.googlegroups.com>
Source record: 49010

Way to go Richard... That'll teach im to post anything about
antennas...

John, my immediate inclination without giving it any hard thought would
be to have them cross near the center lines as opposed to ends...
Now, I don't know about this using a balun as a transmatch... I
personally would not do that, but you may be perfectly happy with it -
especially if you only operate on one portion of the band and get the
antenna <or feedline> tuned so you have minimal reactance... BTW, you
will love the folded dipoles, they are just happy antennas...

denny / k8do

2937. Re: How to build a 45 degree hybrid?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 12:17:22 UTC
From: wood@itd.nrl.navy.mil
Message-ID: <wood-2811060717220001@jbw-mac.itd.nrl.navy.mil>
Source record: 49011

In article <1164698092.390933.110850@45g2000cws.googlegroups.com>, "Bindy"
<bluehyhena@hotmail.com> wrote:

> Can anyone tell me how to build a broadband hybrid combiner for 2
> shortwave loop receiving antennas?
> I need 45,-45 degrees of phase on the 2 loops from 1 to 30 mhz? I will
> be mounting the combiner right at the antenna after the preamps.
>
> Bindy

Hello, and since the relative phase difference between the two loops is 90
degress could you not use a quadrature splitter/combiner? Mini-Circuits
and other vendors offer broadband hybrids. While DIY passive, narrow band
hybrids can be easily fashioned out of coax or lumped components, a
broadband device is more challenging.

BTW, you are asking for a device that can operate over a 30:1 frequency
ratio. I would relax that requiement if possible to 15:1 (2 to 30 MHz) or
less for a commercially-available hybrid. Also since you will be using
the combiner for receive only, RF power handling capability of the hybrid
should not be an issue. Sincerely,

John Wood (Code 5550) e-mail: wood@itd.nrl.navy.mil
Naval Research Laboratory
4555 Overlook Avenue, SW
Washington, DC 20375-5337

2938. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 12:42:02 UTC
From: gwatts <gwatts@frontiernet.net>
Message-ID: <u8Wah.6331$Ka1.5324@news01.roc.ny>
Source record: 49012
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.policy,rec.radio.amateur.antenna

Slow Code wrote:
> ... If you want to shit
> your diaper, please take it to the CB group, or start up a new own thread
> with Markie and Opus.
>
> SC

Is this how you only start a thread and let everyone else keep it going?

You're rapidly approaching pitiful.

W8LNA

2939. Re: kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 15:12:01 UTC
From: "R. Scott" <spamtrap@w7psk.net>
Message-ID: <J9G4w1.BG3@news.boeing.com>
Source record: 48833
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

Do Like I did, Put SC on ignore.

He obviously wants to drive everyone from Ham Radio. He has a Bile taste in his mouth from a bad experiance so he now wishes everyone to have a bad experiance. He will not rest till he drives everyone from Ham Radio. So I ignore him as he no longer provides value for my reading time.

Its the old Crusty Crumudgeons like him that drive the new people away.

Rick Scott W7PSK

2940. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 15:52:20 UTC
From: jawod <jawod@fuse.net>
Message-ID: <456C5B34.6060300@fuse.net>
Source record: 49013

Richard Clark wrote:
> On Mon, 27 Nov 2006 23:56:04 -0500, jawod <jawod@fuse.net> wrote:
>
>
>>I am preparing to set up a 2nd wire antenna at approx 90 degrees from my
>> G5RV. This antenna is a purchased folded dipole from DX
>>Engineering. It'll be connected to 400 ohm twin lead to a 4:1 Balun (DX
>>Engineering again) and then RG8/U into the shack.
>>
>>Is it better to place it 90 degrees from the center or from one of the
>>ends? The ARRL Antenna Book shows both methods.
>
>
> Hi John,
>
> Why all the care for technical description, and then form a question
> appealing to aesthetics? Better?
>
> "Better" is the parent to all answers both planned and ill-conceived.
> I am forced to fill in the rhetorical blank left there as to you
> meaning "would there be any impact that exceeds 1dB on way or the
> other if the antenna were placed, say, diagonally to the G5RV."
>
> Probably not.
>
> However, this direct answer returns us to the semantic word-chase of
> just what is meant by "better" and to what degree it is measured.
>
> Another fill in the rhetorical blank: "would it affect the tune of
> both/either to more than 10KHz? if the antenna were placed, say,
> diagonally to the G5RV."
>
> Probably, but "better" is relative to the distance in terms of
> wavelength, and as the G5RV is a multiband antenna, and the new one
> comes without pedigree, then that relativity is strained.
>
> However, you do not express any inclination for the diagonal, but it
> comes by association with center placement vs. end placement. The
> crossed antennas of dipoles find each in the other's null; however,
> what of dipoles crossed not like an X but rather like a T, or an L?
>
> Interesting question that could be easily examined in 10 minutes by
> the free version of EZNEC. My aesthetics demand a 1db variation or a
> 10Khz shift. They are met on the one, but not the other - this says

> nothing of your sense of "better." The T and the X lead, whereas the
> L and especially the diagonal push the envelope.
>
> 73's
> Richard Clark, KB7QHC
Richard

"You shore do talk pretty" :)

I meant "better" as in which arrangement looks best strung with
Christmas lights, of course.

Based upon your microscopic linguistic analysis, I imagine you use a
Microsoft product (at least conversing with you is similar to using
one). I use an iMac. It won't do EZNEC (unfortunately).

BTW (seriously), will the new Mac products work with EZNEC?

and by "work" I mean ...

John
AB8O

2941. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 15:57:24 UTC
From: jawod <jawod@fuse.net>
Message-ID: <456C5C64.1070900@fuse.net>
Source record: 49014

Denny wrote:
> Way to go Richard... That'll teach im to post anything about
> antennas...
>
> John, my immediate inclination without giving it any hard thought would
> be to have them cross near the center lines as opposed to ends...
> Now, I don't know about this using a balun as a transmatch... I
> personally would not do that, but you may be perfectly happy with it -
> especially if you only operate on one portion of the band and get the
> antenna <or feedline> tuned so you have minimal reactance... BTW, you
> will love the folded dipoles, they are just happy antennas...
>
> denny / k8do
>
Thanks, Denny

You know, I used the folded dipole first, but I think the G5RV
outperforms it, but not on 30M and not on 17M, two bands I have interest
in. Frankly my own interest in placement, while not trivial, is not
that important...I just missed antenna threads in the group.

John
AB8O

2942. Re: How to build a 45 degree hybrid?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 16:14:30 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ekhngm$1d7p$1@news.ndhu.edu.tw>
Source record: 49015

Bindy:

You may find the following link of interest:

http://www.w8ji.com/combiner_and_splitters.htm

Regards,
John Smith

"Bindy" <bluehyhena@hotmail.com> wrote in message
news:1164698092.390933.110850@45g2000cws.googlegroups.com...
> Can anyone tell me how to build a broadband hybrid combiner for 2
> shortwave loop receiving antennas?
> I need 45,-45 degrees of phase on the 2 loops from 1 to 30 mhz? I will
> be mounting the combiner right at the antenna after the preamps.
>
> Bindy
>

2943. Re: Laziness is no reason to destroy quality radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 16:47:45 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ekhpf0$2qt3$1@news.ndhu.edu.tw>
Source record: 49016
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Slow Idiot:

1) Get a life!
2) Get a news group! (might I suggest rec.radio.amateur.cw? Of course, you
will have to found this new group.)

I am sure there are just thousands waiting in the wings to join a newsgroup
devoted to cw!

JS

"Slow Code" <my.mail@no.spam> wrote in message
news:tjLah.4153$tM1.3238@newsread1.news.pas.earthlink.net...
> "Juan Skinner" <wind_in_the_antenna@yahoo.co.uk> wrote in
> news:1164386983.981467.137780@m7g2000cwm.googlegroups.com:
>
> > The trouble with a code is that it is designed to keep people out. Once
> > you've learned the 'secret' code, it makes you feel that you have
> > something that you, and a select group of others can participate in.
> > Once you're up there, see how quickly you pull the ladder up.
> > Does a proficiency in CW make for a better operator? Yes, in a way. It
> > shows a studious interest in the hobby and is a worth achievement but
> > does it make a more courtious or interesting operator? Certainly not,
> > and this group is witness to that.
> > "People who don't use code are lazy", What? Is that the only discipline
> > available to allow someone to experiment with radio? Absolutely not!
> > How about learning electronics and building your own equipment? Is that
> > a lesser or a greater achievement?
> > How about taking the hobby forward by progressing and leading cutting
> > edge technologies? It was after all the amateur fraternity who brought
> > this new fangled SSB phone mode. Were are at the dawn of a new digital
> > age on all you people can do is look backwards and remain firmly rooted
> > in the seventeenth century.
> > Come on, wake up and smell the 21st century.
>
>
> It's got to be incorporated into the exams then, otherwise hams aren't
> going to learn and do it. If ham radio is to modernize hams must be
> forced to modernize. CW isn't preventing the modernization of ham radio,
> Laziness is.
>
> Look at the no-coders on the repeaters. Many of them have been licensed
> for years and they ain't moderizating. They're no better than they were
> the day they were first licensed.

>
> The passing score on written exams need to be 85% and double the number of
> questions on each test element.
>
> I push for quality hams. If you don't like quality there is CB. Let's
> not turn the ham bands into CB
>
> SC

2944. Re: How to build a 45 degree hybrid?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 16:57:39 UTC
From: wood@itd.nrl.navy.mil
Message-ID: <wood-2811061157390001@jbw-mac.itd.nrl.navy.mil>
Source record: 49017

In article <ekhngm$1d7p$1@news.ndhu.edu.tw>, "John Smith"
<assemblywizard@gmail.com> wrote:

> Bindy:
>
> You may find the following link of interest:
>
> http://www.w8ji.com/combiner_and_splitters.htm
>
> Regards,
> John Smith

Hello, John, and that link does not cover 0-90 degree (quadrature) hybrids which I'm guessing is what Bindy is after. A commercially-available broadband quadrature combiner/splitter is usually implemented using a 0-0 or 0-180 hybrid to which an all-pass network is added to achieve the desired phase difference out the output ports of the hybrid. Getting these devices to behave properly over a broad frequency range is somewhat of a black art and vendors such as Mini-Circuits and Merrimac keep these techniques to themselves. Sincerely, and 73s from N4GG0,

John Wood (Code 5550) e-mail: wood@itd.nrl.navy.mil
Naval Research Laboratory
4555 Overlook Avenue, SW
Washington, DC 20375-5337

2945. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 17:10:09 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <R3_ah.231$Ga1.133@newssvr12.news.prodigy.net>
Source record: 49018

jawod wrote:
> You know, I used the folded dipole first, but I think the G5RV
> outperforms it, but not on 30M and not on 17M, ...

http://www.vk1od.net/G5RV/

shows why the standard G5RV doesn't work well on 30m, 17m,
and 10m. If you want 30m operation, shorten the matching
section to about 20.5 feet. If you want 17m operation,
lengthen the matching section to about 37 feet. EZNEC
says that will give you a 50 ohm SWR of ~3:1 on 30m and
~2:1 on 17m. When I was running a G5RV, I had pluggable
lengths of ladder-line so I could vary the length of the
matching section from 20 feet to 36 feet for good
performance on all HF bands. Somebody (I forget who) used
remote controlled relays to accomplish the "tuning".
--
73, Cecil http://www.w5dxp.com

2946. Re: Origin of "Ham" (was Requirements to talk?)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 17:12:24 UTC
From: Caveat Lector <CL@nowhere.com>
Message-ID: <_5_ah.266$t56.112@newsfe16.phx>
Source record: 49019

> What the heck! Like I was told earler, it's the "Golden Rule". I
> just forgot about that, and tried to make sense of HAM.

If you mean the origin of the word "Ham' the best guess is from the ARRL
"Ham: a poor operator. A 'plug.'"

That's the definition of the word given in G. M. Dodge's The Telegraph Instructor even before radio. The definition has never changed in wire telegraphy. The first wireless operators were landline telegraphers who left their offices to go to sea or to man the coastal stations. They brought with them their language and much of the tradition of their older profession.

In those early days, spark was king and every station occupied the same wavelength--or, more accurately perhaps, every station occupied the whole spectrum with its broad spark signal. Government stations, ships, coastal stations and the increasingly numerous amateur operators all competed for time and signal supremacy in each other's receivers. Many of the amateur stations were very powerful. Two amateurs, working across town, could effectively jam all the other operators in the area. When this happened, frustrated commercial operators would call the ship whose weaker signals had been blotted out by the amateurs and say "SRI OM THOSE #&$!@ HAMS ARE JAMMING YOU."

Amateurs, possibly unfamiliar with the real meaning of the term, picked it up and applied it to themselves in true "Yankee Doodle" fashion and wore it with pride. As the years advanced, the original meaning has completely disappeared.

73 From CL

2947. Re: Origin of "Ham" (was Requirements to talk?)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 17:56:43 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ekhtga$s2t$1@aioe.org>
Source record: 49020

Yep.

But I am a guy who grew up thinking the word gay meant happy. Now I relate
gay to abomination... go figure.

JS

"Caveat Lector" <CL@nowhere.com> wrote in message
news:_5_ah.266$t56.112@newsfe16.phx...
>
> > What the heck! Like I was told earler, it's the "Golden Rule". I
> > just forgot about that, and tried to make sense of HAM.
>
> If you mean the origin of the word "Ham' the best guess is from the ARRL
> "Ham: a poor operator. A 'plug.'"
>
> That's the definition of the word given in G. M. Dodge's The Telegraph
> Instructor even before radio. The definition has never changed in wire
> telegraphy. The first wireless operators were landline telegraphers who
left
> their offices to go to sea or to man the coastal stations. They brought
with
> them their language and much of the tradition of their older profession.
>
> In those early days, spark was king and every station occupied the same
> wavelength--or, more accurately perhaps, every station occupied the whole
> spectrum with its broad spark signal. Government stations, ships, coastal
> stations and the increasingly numerous amateur operators all competed for
> time and signal supremacy in each other's receivers. Many of the amateur
> stations were very powerful. Two amateurs, working across town, could
> effectively jam all the other operators in the area. When this happened,
> frustrated commercial operators would call the ship whose weaker signals
had
> been blotted out by the amateurs and say "SRI OM THOSE #&$!@ HAMS ARE
> JAMMING YOU."
>
> Amateurs, possibly unfamiliar with the real meaning of the term, picked it
> up and applied it to themselves in true "Yankee Doodle" fashion and wore
it
> with pride. As the years advanced, the original meaning has completely
> disappeared.
>
>
>
> 73 From CL

>
>

2948. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 18:02:20 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <19som2pg1crm3dbr0m5rjr4ustto0kbh55@4ax.com>
Source record: 49021

On Tue, 28 Nov 2006 10:52:20 -0500, jawod <jawod@fuse.net> wrote:

>Based upon your microscopic linguistic analysis,

It is a reciprocal (analysis/expression) characteristic inherent to successful engineering; others use tea leaves (couched in trade argot) to present results of dubious quality.

>I imagine you use a
>Microsoft product (at least conversing with you is similar to using
>one).

Hi John,

You obviously have never read an Intel hardware manual (circa MDS-80).

>BTW (seriously), will the new Mac products work with EZNEC?

This is something YOU should investigate. Mac now uses that one-and-the-same Intel engine. It is suggested in the press that it runs both operating systems. It costs more to do the same thing, but you get that cool logo. I prefer OpenSource servers, applications, and Linux. I haven't bought a M$ product in this millennium having experienced the Windows Me platform (Chairman Bill's fin du cercle joke on us all).

As I pointed out earlier, your question is answered in 10 minutes to all variations that I offered. That analysis even gives degrees of "better" as expressed in KHz and dB (quantifiable engineering terms commonly used in serious antenna discussion). As a spoiler, I will offer that the diagonal placement seriously disrupts both resonance AND gain to the tune of 100s of KHz and 3-4 dB. Of course, the qualifier "seriously" was meaningful only to me; that is, until I quantified it.

You still haven't offered us what the qualified term "better" means to YOU.

73's
Richard Clark, KB7QHC

2949. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 18:27:03 UTC
From: jawod <jawod@fuse.net>
Message-ID: <456C7F77.6010502@fuse.net>
Source record: 49022

Richard Clark wrote:
> On Tue, 28 Nov 2006 10:52:20 -0500, jawod <jawod@fuse.net> wrote:
>
>
>>Based upon your microscopic linguistic analysis,
>
>
> It is a reciprocal (analysis/expression) characteristic inherent to
> successful engineering; others use tea leaves (couched in trade argot)
> to present results of dubious quality.
>
>
>>I imagine you use a
>>Microsoft product (at least conversing with you is similar to using
>>one).
>
>
> Hi John,
>
> You obviously have never read an Intel hardware manual (circa MDS-80).
>
>
>>BTW (seriously), will the new Mac products work with EZNEC?
>
>
> This is something YOU should investigate. Mac now uses that
> one-and-the-same Intel engine. It is suggested in the press that it
> runs both operating systems. It costs more to do the same thing, but
> you get that cool logo. I prefer OpenSource servers, applications,
> and Linux. I haven't bought a M$ product in this millennium having
> experienced the Windows Me platform (Chairman Bill's fin du cercle
> joke on us all).
>
> As I pointed out earlier, your question is answered in 10 minutes to
> all variations that I offered. That analysis even gives degrees of
> "better" as expressed in KHz and dB (quantifiable engineering terms
> commonly used in serious antenna discussion).

As a spoiler, I will
> offer that the diagonal placement seriously disrupts both resonance
> AND gain to the tune of 100s of KHz and 3-4 dB.

darn, I guess forming my initials is out of the question.

Of course, the
> qualifier "seriously" was meaningful only to me; that is, until I
> quantified it.
>
> You still haven't offered us what the qualified term "better" means to
> YOU.
yes, I did.
>
> 73's
> Richard Clark, KB7QHC

Rave on, OM, rave on. Meanwhile, I've got an antenna to put up.

Thanks for all the "help"

and by "help" I mean ...

2950. Re: Lets be RUDE and INSULT each OTHER for a change

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 18:52:34 UTC
From: amdx <amdx@knology.net>
Message-ID: <1105c$456c8572$45011502$2981@KNOLOGY.NET>
Source record: 49023
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

"Slow Code" <my.mail@no.spam> wrote in message
news:ujLah.4154$tM1.3793@newsread1.news.pas.earthlink.net...
> "amdx" <amdx@knology.net> wrote in
> news:da011$45664c05$45011502$16738@KNOLOGY.NET:
>
>>
>> "Charlie" <charlie@ease.biz> wrote in message
>> news:12mc2o9nfu05s32@corp.supernews.com...
>>> Enough IS enough children!! You all are acting like babies!
>>>
>>> Please people..let's let the Spirit of the Holidays prevail in our
>>> hearts.
>>>
>>> --
>>>
>>> 73,Charlie-AD5TH (20 wpm Extra - 1995)
>>> www.ad5th.com
>>>
>>>
>> Well, uh, uh, slow code started it!
>
>
> I most certainly did not start it. I'm the nicest person on usenet.
>
> I'm here to help guide and motive people on how they can make themselves
> better radio amateurs, unfortunately, some of those I'm trying to help
> prefer to be stupid and lazy, and they flame people that try to help them
> and they are down right rude. You can see the no-code license was a bad
> idea, we need to require all hams pass a code test to bring intelligence
> and civility back to ham radio and the repeaters. I prefer getting the
> code requirement back up to somewhere between 13 and 20 wpm for all hams.
>
> SC
Hi Slow Code,
I don't normally open your posts (didn't note the sender this time) so I
don't
know if your the nicest person on usenet or a jerk. I do know that your
posts
seem to turn into arguments about personalities and disrupt the flow of
helpful
info that can pass on rec.radio.amateur.antenna.
I think this newsgroup is dying a slow death and suspect many are leaving
because

of drivel such as yours. I know I have contemplated dropping
rec.radio.amateur.antenna
off of my list, there is just to much on the net to put up with much
garbage.

>>You can see the no-code license was a bad idea, we need to require all
>>hams pass a
>>code test to bring intelligence and civility back to ham radio and the
>>repeaters.

I have been listening to the hams bands for years and noted plenty of room
for
intelligence and civility, I don't think no-code has added in more room.
The biggest problem I have noted is intentional interference on polite
roundtable
conversation.
Hmm! That seems to be what you do, only you do it on multiple
frequencies
(newsgroups) at the same time.
Mike

2951. Re: How to build a 45 degree hybrid?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 19:14:04 UTC
From: "Harold E. Johnson" <W4ZCB@mchsi.com>
Message-ID: <0U%ah.1079414$084.944912@attbi_s22>
Source record: 49024

> Hello, John, and that link does not cover 0-90 degree (quadrature) hybrids
> which I'm guessing is what Bindy is after. A commercially-available
> broadband quadrature combiner/splitter is usually implemented using a 0-0
> or 0-180 hybrid to which an all-pass network is added to achieve the
> desired phase difference out the output ports of the hybrid. Getting
> these devices to behave properly over a broad frequency range is somewhat
> of a black art and vendors such as Mini-Circuits and Merrimac keep these
> techniques to themselves. Sincerely, and 73s from N4GG0,
>
> John Wood (Code 5550) e-mail: wood@itd.nrl.navy.mil
> Naval Research Laboratory
> 4555 Overlook Avenue, SW
> Washington, DC 20375-5337

Hello both Johns. and one Bindy.

Here's how one person did it, and published in QEX November 1982.

"How to design wide-band RF Quadrature Network".

G.W. Horn, I4MK Bologna, Italy

It's not elementary, but he (and VE5FP/VK2BOX) made successful ones that covered 3-30 MHz nicely. Horn gives the equations that must be satisfied to accomplish the task.

If you have difficulty retrieving the article, the call book shows the call sign still active. Might drop him a line.

W4ZCB

2952. Re: Those wonderful TOYS!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 19:43:28 UTC
From: Joel Kolstad <JKolstad71HatesSpam@yahoo.com>
Message-ID: <12mp4b1fnef4b99@corp.supernews.com>
Source record: 49025
Cross-posted to: alt.binaries.schematics.electronic,sci.electronics.cad,sci.electronics.design,sci.electronics.misc,comp.arch.embedded,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,sci.electronics.repair

"Spehro Pefhany" <speffSNIP@interlogDOTyou.knowwhat> wrote in message
news:j61fm2t1fgt67i1qtcri332mb1u60sbcvi@4ax.com...
> Interesting. Someone must be out there flogging a set of components
> for radar guns.

If you look at the web page where they tore it apart, you'll see it's little more than a microwave transistor oscillator using a DRO, another transistor for the mix, and a PIC microcontroller for all the "smarts." The PCB itself is a pair of (planar) antennas for Tx and Rx.

Clever idea... I wouldn't be surprised if someone thought it up and realized they'd make a lot more money selling the design (and consulting on it) to toy copmanies than just publishing it in, e.g., QEX.

2953. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 20:17:37 UTC
From: Mark@kb9rqz.aprs
Message-ID: <la6pm2hnkaipvmn4f09mt6t1i85tk28ngc@4ax.com>
Source record: 48926
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.policy,rec.radio.amateur.antenna

On Tue, 28 Nov 2006 12:42:02 GMT, gwatts <gwatts@frontiernet.net>
wrote:

>Slow Code wrote:
>> ... If you want to shit
>> your diaper, please take it to the CB group, or start up a new own thread
>> with Markie and Opus.
>>
>> SC
>
>Is this how you only start a thread and let everyone else keep it going?
>
>You're rapidly approaching pitiful.
no he he is wil past past that
>
>W8LNA
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

2954. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 20:18:37 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <cg5pm2t6hsd9qcl29qoukig01entmmj1eh@4ax.com>
Source record: 48927

On Tue, 28 Nov 2006 13:27:03 -0500, jawod <jawod@fuse.net> wrote:
>> You still haven't offered us what the qualified term "better" means to
>> YOU.
>yes, I did.
>>I meant "better" as in which arrangement looks best strung with
>>Christmas lights, of course.

You were right, initially, to pose this as a thread of desperation.

73's
Richard Clark, KB7QHC

2955. Shunt fed vertical?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 21:24:07 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <1a9pm259cmvosr8mo3rqdn53fetssfii3f@4ax.com>
Source record: 48928

Since things are a little slow here...
As I continue to experiment with my 28 foot vertical I attempted to try a shunt feed today. It totally escapes me how I might model it with EZNEC 4 but I do have an MFJ-269 to work with.

I set up the radials and tied them to the base of the vertical. I moved up the vertical from the bottom 55 inches. No real reason, that is the length of wire I had handy I fed the wire with the MFJ 269 with the coax shield on the ground side.

What I expected to see was some thing resonant between 6-8 mhz with a lot of reactance and who knows resistance. It did not happen....

What I did see was a resonance at 23 mhz with Rs= 48 and Xs=5 for a 1.1 SWR!

Dabbling with EZNEC seems to suggest there may be something happening like a 5/8 wave radiator but many factors had to be forced into place. So that leads to my question: How do you shunt feed a 28 foot vertical?

John Ferrell W8CCW

2956. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 21:40:00 UTC
From: Michael Coslo <mjc5@psu.edu>
Message-ID: <ekiaborjm1@f04n12.cac.psu.edu>
Source record: 48929

Richard Clark wrote:
> On Tue, 28 Nov 2006 10:52:20 -0500, jawod <jawod@fuse.net> wrote:
>
>> Based upon your microscopic linguistic analysis,
>
> It is a reciprocal (analysis/expression) characteristic inherent to
> successful engineering; others use tea leaves (couched in trade argot)
> to present results of dubious quality.
>
>> I imagine you use a
>> Microsoft product (at least conversing with you is similar to using
>> one).
>
> Hi John,
>
> You obviously have never read an Intel hardware manual (circa MDS-80).
>
>> BTW (seriously), will the new Mac products work with EZNEC?
>
> This is something YOU should investigate. Mac now uses that
> one-and-the-same Intel engine. It is suggested in the press that it
> runs both operating systems. It costs more to do the same thing, but
> you get that cool logo.

For everyone's notes: EZnec runs quite nicely on an Intel based iMac.

> I prefer OpenSource servers, applications,
> and Linux. I haven't bought a M$ product in this millennium having
> experienced the Windows Me platform (Chairman Bill's fin du cercle
> joke on us all).

I work both Microsoft, OSX, and am learning Linux.

Not that it was asked for, but my experience has been that MS OS is
great if you have paid support staff to make it run, Linux is nice, but
every once in a while, it kicks us back to 1985, (sorry - unforgivable
in 2006) and when I absolutely have to get it done with a minimum of..
what is the technical term? Oh yeah - with a minimum of peckering
around, I'll use OSX any day.

And my G5 Mac is cool to look at too - inside and out.

>

> As I pointed out earlier, your question is answered in 10 minutes to
> all variations that I offered. That analysis even gives degrees of

> "better" as expressed in KHz and dB (quantifiable engineering terms
> commonly used in serious antenna discussion).

Of course one can get the answer from a modeling program. Of course,
the modeling program won't tell *why*.

Here is a video of me trying to get a modeling program to tell me why my
antenna design worked like it said...

http://www.break.com/index/patiencechild.html

As a spoiler, I will
> offer that the diagonal placement seriously disrupts both resonance
> AND gain to the tune of 100s of KHz and 3-4 dB. Of course, the
> qualifier "seriously" was meaningful only to me; that is, until I
> quantified it.

Now that's better!

- 73 de Mike KB3EIA -

2957. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 21:47:46 UTC
From: James <jnipperxxx@nospamfdn.com>
Message-ID: <86OdnctbgfkcM_HYnZ2dnUVZ_tqdnZ2d@comcast.com>
Source record: 48930

Mr. Clark, me thinks you best get back on your medications om !!!!

--James--

2958. Re: How to build a 45 degree hybrid?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 21:55:29 UTC
From: "J. Mc Laughlin" <jcm@power-net.net>
Message-ID: <12mpbv8187lmmbf@corp.supernews.com>
Source record: 48931

Dear "Bindy"

I have blocked so many for inappropriate messages that I might have
missed the point of this sequence. However, it appears from your last
message that your goal is to use a loop antenna or loop antennas to effect
an omnidirectional pattern from 1 to 30 MHz. "True" omnidirectional
antennas do not stay that way when above ground.

If what you are wishing to accomplish is a pattern that is independent
of azimuth using a loop antenna, then a much more simple solution exists -
at least over much of the desired frequency span. A (small) loop mounted
well above ground and oriented horizontally will do the trick. For most HF
receiving purposes, well above ground might indicate a height of between 0.3
and 2.5 WL. Mounting at 30 meters will do nicely from 3 MHz to 25 MHz.
Above 25 MHz there is not much to listen to. Below 3 MHz the pattern favors
nearby stations.

Again, I am not clear about the actual problem to be solved. It is not
clear if this is an amateur application.

73, Mac N8TT
--
J. Mc Laughlin; Michigan U.S.A.
Home: JCM@Power-Net.Net
"Bindy" <bluehyhena@hotmail.com> wrote in message
news:1164744692.296006.169290@l39g2000cwd.googlegroups.com...
>
> Bindy wrote:
> > Can anyone tell me how to build a broadband hybrid combiner for 2
> > shortwave loop receiving antennas?
> > I need 45,-45 degrees of phase on the 2 loops from 1 to 30 mhz? I will
> > be mounting the combiner right at the antenna after the preamps.
> >
> > Bindy

>
> Thanks for all the suggestions. I pressumed it was possible. I see many
> commercial antenna companies like TCI and R&S use hybrids with their
> shortwave loops. I just pressumed that it was possible using small
> ferrite cores. I cant find anything on google, theres d many references
> to microwave hybrids.
>
> Other phase angles might be possible, however 45 degrees ensures that
> the loops when phased at right angles behave as a true omni
> directional antenna from 1 to 30mhz. Which is the main reason i want to
> pursue this option. I am using a MFJ 1026 noise canceller however its a

> nuisance and unreliable when wanting consistent and repeatable
> performance. It also cant rotate phase for the full 360 degrees.
>
> So a fixed 45 degree hybrid would be ideal..
>
> The search goes on
>
> Thanks
> Bindy
>

2959. Re: Shunt fed vertical?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 22:25:45 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <97dpm2tpi7b14fm3cmt6kc33ddo87v29pq@4ax.com>
Source record: 48932

On Tue, 28 Nov 2006 16:24:07 -0500, John Ferrell
<johnferrell@sprintmail.com> wrote:

>What I expected to see was some thing resonant between 6-8 mhz with a
>lot of reactance and who knows resistance. It did not happen....

I don't really understand that, what is resonance, and why would there
then be lots of reactance?

Owen
--

2960. Re: Shunt fed vertical?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 22:33:43 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <bP2bh.1057$Py2.934@newssvr27.news.prodigy.net>
Source record: 48933

John Ferrell wrote:
> Dabbling with EZNEC seems to suggest there may be something happening
> like a 5/8 wave radiator but many factors had to be forced into place.
> So that leads to my question: How do you shunt feed a 28 foot
> vertical?

If you feed it at zero feet, you get a feedpoint impedance
of zero. At the frequency at which the radiator is resonant,
i.e. about 234/28 = ~8.4 MHz, the feedpoint resistance will
increase as you raise the feedpoint. Somewhere on the way up,
it will be 50 ohms with some inductive reactance so you need
a series capacitor. It's a Gamma feed. It is easy to model
with EZNEC.
--
73, Cecil http://www.w5dxp.com

2961. Re: Shunt fed vertical?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 22:47:29 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <k4dpm2p7jssom7n6qjh276pj1asphd13ns@4ax.com>
Source record: 48934

On Tue, 28 Nov 2006 16:24:07 -0500, John Ferrell
<johnferrell@sprintmail.com> wrote:

>What I expected to see was some thing resonant between 6-8 mhz with a
>lot of reactance and who knows resistance. It did not happen....

Hi John,

It is hard to imagine your antenna showed a strictly resistive,
non-reactive load over that interval where the radiator is only a
quarter wave at best. Fed at the base it should have some capacitive
reactance until resonance somewhere near the 40M band. Fed with a
wire at the height you indicate should show an inductive reactance
over the entire span.

>What I did see was a resonance at 23 mhz with Rs= 48 and Xs=5 for a
>1.1 SWR!

Sounds like your antenna base was not connected to the radials (you
were driving the antenna through the length of the gamma wire, and the
structure above it).

>So that leads to my question: How do you shunt feed a 28 foot
>vertical?

For 80M? About a 1000pF in series with the added wire. This still
says nothing of the resistance being sub 1 Ohm IFF your gamma wire is
on par with the diameter of the vertical element. On the other hand,
if it is very much thinner (and using half the capacitance), it stands
to elevate the resistive portion (to 30ish Ohms) into a match.

A more complete specification would tighten up the variability in
this.

73's
Richard Clark, KB7QHC

2962. More on T2FD Antennas - RLM Electronics MN100-1

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 23:11:21 UTC
From: "C. J. Clegg" <reply.in.group@nospam.no>
Message-ID: <pan.2006.11.28.23.11.19.167839@nospam.no>
Source record: 48935

Do any of you know anything about the RLM Electronics MN100-1 broadband HF antenna matching network? (see http://www.rlm-electronics.com.)

It looks like the same general idea as the T2FD antenna except the terminating resistor is in the box with the matching transformer.

They claim that the "four non-inductive balancing resistors" ("balancing" resistors?) will dissipate no more than 3 watts each with 150 watts of RF drive, which if true (big "if") would seem to indicate an overall efficiency somewhat better than a T2FD.

Gee, maybe there is such a thing as a free lunch. :-)

2963. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-28 23:22:33 UTC
From: jawod <jawod@fuse.net>
Message-ID: <456CC4B9.4000209@fuse.net>
Source record: 48936

Michael Coslo wrote:
> Richard Clark wrote:
>
>> On Tue, 28 Nov 2006 10:52:20 -0500, jawod <jawod@fuse.net> wrote:
>>
>>> Based upon your microscopic linguistic analysis,
>>
>>
>> It is a reciprocal (analysis/expression) characteristic inherent to
>> successful engineering; others use tea leaves (couched in trade argot)
>> to present results of dubious quality.
>>
>>> I imagine you use a Microsoft product (at least conversing with you
>>> is similar to using one).
>>
>>
>> Hi John,
>>
>> You obviously have never read an Intel hardware manual (circa MDS-80).
>>
>>> BTW (seriously), will the new Mac products work with EZNEC?
>>
>>
>> This is something YOU should investigate. Mac now uses that
>> one-and-the-same Intel engine. It is suggested in the press that it
>> runs both operating systems. It costs more to do the same thing, but
>> you get that cool logo.
>
>
> For everyone's notes: EZnec runs quite nicely on an Intel based iMac.
>
>
>> I prefer OpenSource servers, applications,
>> and Linux. I haven't bought a M$ product in this millennium having
>> experienced the Windows Me platform (Chairman Bill's fin du cercle
>> joke on us all).
>
>
> I work both Microsoft, OSX, and am learning Linux.
>
> Not that it was asked for, but my experience has been that MS OS is
> great if you have paid support staff to make it run, Linux is nice, but
> every once in a while, it kicks us back to 1985, (sorry - unforgivable
> in 2006) and when I absolutely have to get it done with a minimum of..

> what is the technical term? Oh yeah - with a minimum of peckering
> around, I'll use OSX any day.
>
> And my G5 Mac is cool to look at too - inside and out.
>
>
>>
>
>> As I pointed out earlier, your question is answered in 10 minutes to
>> all variations that I offered. That analysis even gives degrees of
>> "better" as expressed in KHz and dB (quantifiable engineering terms
>> commonly used in serious antenna discussion).
>
>
> Of course one can get the answer from a modeling program. Of course,
> the modeling program won't tell *why*.
>
> Here is a video of me trying to get a modeling program to tell me why my
> antenna design worked like it said...
>
> http://www.break.com/index/patiencechild.html
>
>
>
> As a spoiler, I will
>
>> offer that the diagonal placement seriously disrupts both resonance
>> AND gain to the tune of 100s of KHz and 3-4 dB. Of course, the
>> qualifier "seriously" was meaningful only to me; that is, until I
>> quantified it.
>
>
>
> Now that's better!
>
> - 73 de Mike KB3EIA -

Mike,
That is about the funniest video I've seen in some time! In German, no
less!

Thanks

John
AB8O

2964. Re: More on T2FD Antennas - RLM Electronics MN100-1

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 00:26:49 UTC
From: dplatt@radagast.org
Message-ID: <12mpku9a7b8pc7e@corp.supernews.com>
Source record: 48937

In article <pan.2006.11.28.23.11.19.167839@nospam.no>,
C. J. Clegg <reply.in.group@nospam.no> wrote:

>Do any of you know anything about the RLM Electronics MN100-1 broadband HF
>antenna matching network? (see http://www.rlm-electronics.com.)
>
>It looks like the same general idea as the T2FD antenna except the
>terminating resistor is in the box with the matching transformer.

Hmmm. Looking at the photo, it's pretty clear that the lefthand terminal strip is just used to tie together the four resistors which make up the terminator (it's a series/parallel arrangement). On the right side, I can't tell whether all four of the terminals on the strip are soldered together, or whether it's two separate pairs.

>They claim that the "four non-inductive balancing resistors" ("balancing"
>resistors?) will dissipate no more than 3 watts each with 150 watts of RF
>drive, which if true (big "if") would seem to indicate an overall
>efficiency somewhat better than a T2FD.

That's definitely not something I would bet upon, for three reasons.

One is that it seems implausible. If the antenna itself is of a length which causes its impedance to be very high and reactive (and there _will_ be some frequencies where that's the case), the antenna itself will not accept much power and will present a high SWR at the feedpoint. The modest 2.5:1 SWR has to be coming from resistive loading of some sort, and by definition that sort of loading is entirely lossy. I don't see how they could get a super-high SWR down to 2.5:1 by dissipating only 12 watts out of 100.

Another reason is the fact that the manufacturer makes no claims about the actual efficiency of the antenna system, but instead acknowledges that it should not be expected to perform as well as a full-size antenna. (Even if it's only 25% efficient, it'd still be only one S-unit or so down from the performance of a low dipole, and the claim of "very respectable performance" wouldn't be outlandish).

The third reason is that the antenna layout diagrams shown on the "more product information" page suggest that there may be losses in the system other than those in the resistors themselves. Notice how all of the diagrams show the termination device mounted on an 8' ground rod, with one lead of the termination device being securely bonded to the ground. Based on the internal picture of the device, it looks as if this ground-rod bonding point is tied to one end of the termination resistors.

Notice also that all of the antenna configurations pictured are
loops, with a significant part of the loop sitting right on the ground.

I rather strongly suspect that this particular "matching arrangement"
depends to some degree on RF being coupled into the soil, in a lossy
way... these losses are part of what help "tame" the high/reactive
feedpoint Z at those frequencies where the loop is near a high-Z
resonance point and doesn't "want" to accept much power. This would,
if true, be slightly analogous to the way that radials for a vertical
antenna are "de-tuned" by soil losses if not elevated well above the
soil. There might also be a lossy path from the ground rod back to
the building ground in which the transmitter was being operated.

So, the losses in the resistors themselves may be limited to around 12
watts... but I have a feeling that the total loss is probably a good
deal higher than that, and (probably) occurs across the antenna's
whole frequency range.

>Gee, maybe there is such a thing as a free lunch. :-)

I try not to bet on that assumption if I can help it :-}

--
Dave Platt <dplatt@radagast.org> AE6EO
Hosting the Jade Warrior home page: http://www.radagast.org/jade-warrior
I do _not_ wish to receive unsolicited commercial email, and I will
boycott any company which has the gall to send me such ads!

2965. Re: fan w/sgc?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 01:34:37 UTC
From: ml <m@di.net>
Message-ID: <m-21C16F.20343328112006@news.verizon.net>
Source record: 48938

In article <1164583396.214798.222320@f16g2000cwb.googlegroups.com>,
"JIMMIE" <JIMMIEDEE123@YAHOO.COM> wrote:

> jgboyles@aol.com wrote:
> > ml wrote:
> > > hi
> > >
> > > I was wondering, if i designed a horizontal center fed dipole... w/a
> > > sorta fan say a few legs for 10-40m... but
> > >
> > > instead of just attaching coax, i attached a sgc tuner at the feed point
> > >
> > > would i expect the dipole to resonate"" as one would predict if feed
> > > directly via coax ex the 40m leg resonates on 40 or would the tuner
> > > 'grab' different ....??
> > >
> > >
> > >
> > > tnx
> > >
> > >
> > > naturally a single wire could be tune very well w/the remote sgc but
> > > i ponder
> > >
> > If you were using the fan dipole with a tuner attached to the feed
> > point, the tuner would try to establish the best 50 ohm match from the
> > coax to the complex impedance presented by the antenna. The frequency
> > at which you are trying to tune, and the complex impedance of the fan
> > dipole at that frequency, will determine whether the tuner can match
> > the coax to the antenna. One particular wire of the fan could
> > dominate, but the tuner will try to match the overall impedance.
> >
> > Gary N4AST
>
>
>
> I have some experience with an arrangement like this using a different
> auto-tuner. Four different freqencies were suppose to be covered that
> were harmonically related. The antenna was cut to resonate as a 1/4 wl
> antenna on the greatest frequency. As one would expect the tuner had
> problems matching when the antenna was an even number of 1/4
> wavelengths long. The immediate solution was to add more wires that
> were shorter than the origonal by 1/2 and 1/4. With this arrangement
> the tuner had no problem loading into the antenna. Probably the

> simplest solution would be to select a wire length that is not resonant
> on any of the desired frequencies so the tuner would not be trying to
> endfed an I(1/2) wl antenna at any used frequency. Of course using the
> single wire could also be a problem because at the highest operating
> frequency it could be 1wl long or longer and exhbit an undesirable
> radiation pattern.
>
> Jimmie D

thanks all, yeah it was exactly what i was thinking apreciate it

guess i'll have to tinker around a bit

so what brand of tuner were you using????

2966. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 02:44:44 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <456cf41d$0$1013$39cecf19@news.twtelecom.net>
Source record: 48939

Michael Coslo wrote:

>
> I work both Microsoft, OSX, and am learning Linux.
>
> Not that it was asked for, but my experience has been that MS OS is
> great if you have paid support staff to make it run, Linux is nice, but
> every once in a while, it kicks us back to 1985, (sorry - unforgivable
> in 2006) and when I absolutely have to get it done with a minimum of..

How so? Interested in your perspective on the 1985ish Linux issues.

And I have found that it takes less paid staff to support a number of linux servers than the same number of 2K or 2K3 servers. Clicking is much tougher to automate than simply writing scripts and adding them to crontab.

tom
K0TAR

2967. Re: Origin of "Ham" (was Requirements to talk?)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 03:15:32 UTC
From: mcalhoun@ksu.edu
Message-ID: <ekiu0k$3kj@unix1.cc.ksu.edu>
Source record: 48940

>... I just forgot about that, and tried to make sense of HAM.

The answer that gets a chuckling response (especially from
NON-hams) is "In my case, 'HAM' stands for 'Hardly Any Money'"!

--
--Myron A. Calhoun.
Five boxes preserve our freedoms: soap, ballot, witness, jury, and cartridge
NRA Life Member and Rifle, Pistol, & Home Firearm Safety Certified Instructor
Certified Instructor for the Kansas Concealed-Carry Handgun license

2968. Re: Shunt fed vertical?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 04:06:21 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <sj1qm25et3t1nla4rld4kueapl3a3623tl@4ax.com>
Source record: 48941

On Tue, 28 Nov 2006 22:25:45 GMT, Owen Duffy <owen@no.where> wrote:

>On Tue, 28 Nov 2006 16:24:07 -0500, John Ferrell
><johnferrell@sprintmail.com> wrote:
>
>
>>What I expected to see was some thing resonant between 6-8 mhz with a
>>lot of reactance and who knows resistance. It did not happen....
>
>I don't really understand that, what is resonance, and why would there
>then be lots of reactance?
>
>Owen
I expected a dip in the swr at the 1/4 wave length but not a 50 ohm
match.
John Ferrell W8CCW

2969. Re: Shunt fed vertical?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 04:10:37 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <8u1qm2pf2tf8jc3epep2k114het8m99i1o@4ax.com>
Source record: 48942

On Tue, 28 Nov 2006 22:33:43 GMT, Cecil Moore <mycall@hotmail.com>
wrote:

>John Ferrell wrote:
>> Dabbling with EZNEC seems to suggest there may be something happening
>> like a 5/8 wave radiator but many factors had to be forced into place.
>> So that leads to my question: How do you shunt feed a 28 foot
>> vertical?
>
>If you feed it at zero feet, you get a feedpoint impedance
>of zero. At the frequency at which the radiator is resonant,
>i.e. about 234/28 = ~8.4 MHz, the feedpoint resistance will
>increase as you raise the feedpoint. Somewhere on the way up,
>it will be 50 ohms with some inductive reactance so you need
>a series capacitor. It's a Gamma feed. It is easy to model
>with EZNEC.
I will go back to EZNEC 4 and see if I can determine what I am missing
on the Gamma match.
John Ferrell W8CCW

2970. Re: fan w/sgc?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 04:15:34 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <zP7bh.20388$Q7.13583@bignews6.bellsouth.net>
Source record: 48943

"ml" <m@di.net> wrote in message
news:m-21C16F.20343328112006@news.verizon.net...
> In article <1164583396.214798.222320@f16g2000cwb.googlegroups.com>,
> "JIMMIE" <JIMMIEDEE123@YAHOO.COM> wrote:
>
>> jgboyles@aol.com wrote:
>> > ml wrote:
>> > > hi
>> > >
>> > > I was wondering, if i designed a horizontal center fed dipole... w/a
>> > > sorta fan say a few legs for 10-40m... but
>> > >
>> > > instead of just attaching coax, i attached a sgc tuner at the feed
>> > > point
>> > >
>> > > would i expect the dipole to resonate"" as one would predict if feed
>> > > directly via coax ex the 40m leg resonates on 40 or would the
>> > > tuner
>> > > 'grab' different ....??
>> > >
>> > >
>> > >
>> > > tnx
>> > >
>> > >
>> > > naturally a single wire could be tune very well w/the remote sgc
>> > > but
>> > > i ponder
>> >
>> > If you were using the fan dipole with a tuner attached to the feed
>> > point, the tuner would try to establish the best 50 ohm match from the
>> > coax to the complex impedance presented by the antenna. The frequency
>> > at which you are trying to tune, and the complex impedance of the fan
>> > dipole at that frequency, will determine whether the tuner can match
>> > the coax to the antenna. One particular wire of the fan could
>> > dominate, but the tuner will try to match the overall impedance.
>> >
>> > Gary N4AST
>>
>>
>>
>> I have some experience with an arrangement like this using a different
>> auto-tuner. Four different freqencies were suppose to be covered that
>> were harmonically related. The antenna was cut to resonate as a 1/4 wl

>> antenna on the greatest frequency. As one would expect the tuner had
>> problems matching when the antenna was an even number of 1/4
>> wavelengths long. The immediate solution was to add more wires that
>> were shorter than the origonal by 1/2 and 1/4. With this arrangement
>> the tuner had no problem loading into the antenna. Probably the
>> simplest solution would be to select a wire length that is not resonant
>> on any of the desired frequencies so the tuner would not be trying to
>> endfed an I(1/2) wl antenna at any used frequency. Of course using the
>> single wire could also be a problem because at the highest operating
>> frequency it could be 1wl long or longer and exhbit an undesirable
>> radiation pattern.
>>
>> Jimmie D
>
> thanks all, yeah it was exactly what i was thinking apreciate it
>
> guess i'll have to tinker around a bit
>
> so what brand of tuner were you using????

Sorry ,but I dont remember. this was at least 10 years ago.

2971. Re: Shunt fed vertical?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 04:43:14 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <km2qm29tqvhgfse1qo1gp5gth7ar30hfsl@4ax.com>
Source record: 48944

On Tue, 28 Nov 2006 23:06:21 -0500, John Ferrell
<johnferrell@sprintmail.com> wrote:

>On Tue, 28 Nov 2006 22:25:45 GMT, Owen Duffy <owen@no.where> wrote:
>
>>On Tue, 28 Nov 2006 16:24:07 -0500, John Ferrell
>><johnferrell@sprintmail.com> wrote:
>>
>>
>>>What I expected to see was some thing resonant between 6-8 mhz with a
>>>lot of reactance and who knows resistance. It did not happen....
>>
>>I don't really understand that, what is resonance, and why would there
>>then be lots of reactance?
>>
>>Owen
>I expected a dip in the swr at the 1/4 wave length but not a 50 ohm
>match.

John,

Your terminology has me confused.

When you say you expect to see resonance between 6-8MHz, I understand resonance to mean zero reactance at that frequency. Then you tell us you expect to see lots of reactance. They are inconsistent.

Then you tell me that you expect to see a dip in SWR at the 1/4 wave length. I am guessing, but I think you probably mean the frequency where the vertical is a quarter wavelength long electrically.

If you drive the vertical at the base in series, you would expect to observe resonance (ie no reactance) somewhere around the quarter wave frequency.

If you shunt feed it further up, the shunt feeding arrangement acts as an impedance transformer, and it is unlikely that you will see zero reactance (ie resonance) at the same frequency as if you series fed the vertical at the base. A feature of shunt feeding typically is that it is reactive, and you have to tune out the reactance, adjusting the tap point up or down to get the desired feed impedance.

Owen
--

2972. In search of the "Tesla Antenna."

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 05:07:56 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ekj4qs$2fih$1@news.ndhu.edu.tw>
Source record: 48945

Tesla's ether is rather difficult to define. Indeed, after researching and reading all of the data I could find on how Tesla viewed the ether, I only came up confused and guessing (I find the man to have been diabolically vague on this point.)

However, my best guess is that Tesla's ether is akin to a three dimensional model of "Newton's Balls of Force." For those not acquainted with physics labs and the balls of force, Google awaits you.

But, my guess is that Tesla pictured the ether as composed of particles, indeed, logic dictates it must be composed of some sort of basic building blocks (given you can muster the faith the size of a mustard seed in the ether's existence.) These particles are either resting against each other, or their "force fields" are (since we can't see them, we must guess-anything is possible.) Now, if a force is created which can act against these particles which the force contacts, the force will be conducted into the next layer of particles, then those particles will again influence the next layer of particles, and so-on and so-on. the same way Newton's Balls of Force react to a force applied to the ball at either end of the "string" of balls and conduct the force through all of the balls and into the far ball. Now, the force "flowing" though these layers of particles can be viewed as a "wave" but, when the farthest layer of ether particles lays against material of our universe (matter we can see, touch and which we consider real) it will act as a force of the particles of the ether "striking" or "impinging" the "real matter." Much like the far ball in the sting of balls of force would do if "touched" by some other material object at the far end from the applied force. Indeed, the force "flowing" though the sting of the balls of force is much like the "ether wave" I am attempting to describe here; when the "wave" has no more balls of force to "travel" though, the end ball containing all the force from the "wave" must move in an attempt to "dispose" or "convey" its' energy into some form of matter.

Now, liken all the above to light. Light travels as a wave in the ether, yet when striking a surface of some matter it behaves much as particles would when striking such a surface. Strangely enough, we still ponder this mystery to this very day. why light behaves both as a wave and as a stream of particles?

The above is kludged together and is difficult, probably, for others to grasp on a first reading, and I admit this reflects much of how my thinking is going when attempting to grasp how Tesla was viewing things when he wrote about "frequency", "vibrations" and such in his works and notes. however, from the above, I believe one can imagine how Tesla

would see an antenna interacting with the universes ether and "transmitting" its "wave".

Now, all of that said, how the "Einstein Antenna" would function would even be more difficult to comprehend. sometimes leading one to come up with "magic numbers" to describe it in mathematical terms.

But, if one ponders the above to terrible depths, one is left with the expectation of finding the ether's particles to exhibit no mass what-so-ever, and frankly, I find that impossible. go figure.

Or, consider I just made the above up! Or, I just dreamed it all! Or, Tesla never said any of that at all! <grin>

JS

2973. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 05:25:08 UTC
From: Mike Coslo <mcoslo@comcast.net>
Message-ID: <Xns988A442CB8A7mcoslocomcastnet@216.196.97.136>
Source record: 48946

jawod <jawod@fuse.net> wrote in news:456CC4B9.4000209@fuse.net:

> Michael Coslo wrote:

<<<Some snippage>>

>> Of course one can get the answer from a modeling program. Of
>> course,
>> the modeling program won't tell *why*.
>>
>> Here is a video of me trying to get a modeling program to tell me why
>> my antenna design worked like it said...
>>
>> http://www.break.com/index/patiencechild.html
>>
>>
>>
>> As a spoiler, I will
>>
>>> offer that the diagonal placement seriously disrupts both resonance
>>> AND gain to the tune of 100s of KHz and 3-4 dB. Of course, the
>>> qualifier "seriously" was meaningful only to me; that is, until I
>>> quantified it.
>>
>>
>>
>> Now that's better!
>>
>> - 73 de Mike KB3EIA -
> Mike,
> That is about the funniest video I've seen in some time! In German,
> no less!

I know quite a few people who cannot make it through the thing!

> Thanks

Hey! BTW, once you get used to Richard's prose, he's enjoyable to
read, and there is truth in his ministrations.

73 de Mike KB3EIA -

2974. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 05:33:31 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ekj6arnfb1@news.ndhu.edu.tw>
Source record: 48947

Mike:

You may be quite right, Richard may not be all bad (I imagine a cadence
to his words--much like a drill instructors voice too!)

But anyone which likes Shakespeare? Ewwwwwww!

JS

"Mike Coslo" <mcoslo@comcast.net> wrote in message
news:Xns988A442CB8A7mcoslocomcastnet@216.196.97.136...
> jawod <jawod@fuse.net> wrote in news:456CC4B9.4000209@fuse.net:
>
> > Michael Coslo wrote:
>
> <<<Some snippage>>
>
> >> Of course one can get the answer from a modeling program. Of
> >> course,
> >> the modeling program won't tell *why*.
> >>
> >> Here is a video of me trying to get a modeling program to tell me
why
> >> my antenna design worked like it said...
> >>
> >> http://www.break.com/index/patiencechild.html
> >>
> >>
> >>
> >> As a spoiler, I will
> >>
> >>> offer that the diagonal placement seriously disrupts both
resonance
> >>> AND gain to the tune of 100s of KHz and 3-4 dB. Of course, the
> >>> qualifier "seriously" was meaningful only to me; that is, until I
> >>> quantified it.
> >>
> >>
> >>
> >> Now that's better!
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> >> - 73 de Mike KB3EIA -
> > Mike,
> > That is about the funniest video I've seen in some time! In German,
> > no less!

>
> I know quite a few people who cannot make it through the thing!
>
> > Thanks
>
> Hey! BTW, once you get used to Richard's prose, he's enjoyable to
> read, and there is truth in his ministrations.
>
> 73 de Mike KB3EIA -

2975. Computer problems

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 05:47:17 UTC
From: Pete Townrow <ptownrow@freenetname.co.uk>
Message-ID: <456D1F8B.8020006@freenetname.co.uk>
Source record: 48948

I think we can sympathise we the person in this clip I know I can.
http://www.break.com/index/patiencechild.html

Pete

2976. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 05:50:13 UTC
From: Mike Coslo <mcoslo@comcast.net>
Message-ID: <Xns988A883267B5mcoslocomcastnet@216.196.97.136>
Source record: 48949

Tom Ring <news0003@taring.org> wrote in
news:456cf41d$0$1013$39cecf19@news.twtelecom.net:

> Michael Coslo wrote:
>
>>
>> I work both Microsoft, OSX, and am learning Linux.
>>
>> Not that it was asked for, but my experience has been that MS OS
>> is
>> great if you have paid support staff to make it run, Linux is nice,
>> but every once in a while, it kicks us back to 1985, (sorry -
>> unforgivable in 2006) and when I absolutely have to get it done with
>> a minimum of..
>
> How so? Interested in your perspective on the 1985ish Linux issues.

My perspective is that of an OS that occasionally makes me work as if it
was 1985. More on that below.

>
> And I have found that it takes less paid staff to support a number of
> linux servers than the same number of 2K or 2K3 servers. Clicking is
> much tougher to automate than simply writing scripts and adding them
> to crontab.

Ahh, the perspective issue! Agreed that getting to the command line
is a more efficient method, even on an Xserve. But I have to deal
with situations where I have to get a piece of hardware, anstall and
use it and any software needed, and meet a deadline.A real short
one. With the PC, we usually find that we have hardware limitations
(always cured by spending a few K), with Linux, we can spend a lot
of time looking for drivers, installing a program is always
exciting, and usually the deadline has come and gone in either case.

I use the Mac because I work with a computer, not get a computer to
work. I'll gladly concede that the other platforms/OS's are much
superior - certainly they must be, because they require a support
staff that knows many interesting and arcane things, and I just plug
away, meeting deadlines.

- 73 de Mike KB3EIA -

2977. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 06:07:53 UTC
From: Mike Coslo <mcoslo@comcast.net>
Message-ID: <Xns988AB81DEB08mcoslocomcastnet@216.196.97.136>
Source record: 48950

"John Smith" <assemblywizard@gmail.com> wrote in news:ekj6arnfb1
@news.ndhu.edu.tw:

> Mike:
>
> You may be quite right, Richard may not be all bad (I imagine a cadence
> to his words--much like a drill instructors voice too!)
>
> But anyone which likes Shakespeare? Ewwwwwww!

"Pause awhile, And let my counsel sway you in this case."
>

(whispering.... I think he might be an English Major)

- 73 de Mike KB3EIA -

2978. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 06:55:31 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ekjb4j$1m3a$1@news.ndhu.edu.tw>
Source record: 48951

Mike:

There was a time when linux expected all hardware to know its job and have the internal software (firmware instructions actually) to do its job and leave the OS free to use its processor cycles much more efficiently. Linux ran like a race car back then, and the command line as opposed to the processor cycle glutton of the GUI aided this tremendously (or, I don't need all those cutsie windows, icons, themes and sounds!)

Windows tries to encompass and contain all the software necessary to do all things (mostly as dll's, ocx code, etc.) No better example of this exists, which I can think of, than the "software modem" as opposed to the hardware modem. The OS must handle all data compaction/encryption/de-encryption/de-compaction/"error checking"/sending/receiving/etc. and slows other processes down to accomplish this (or, why is my word processor dragging when the modem is on?), for the software modem. The hardware modem just does it all and hands data to the OS, or takes data from it for processing and sending. The 56K USRobotics Courier External modem was the prime example of such a hardware modem and contained its own processor and it was identical (I think) to the processor used in the first IBM computers (second generation actually, first generation used the 8086;s)--intel 80186's? This was one powerful modem! It's speed unmatched by any of the day...

Now, both linux and windows are growing towards a common ground where both OS's will contain all this software and become bogged down handling all the processes for all the hardware--not good in my opinion. But, it gives us cheap computers (the hardware is just basically ports and mechanics.)

Put simply, a hardware techs' job is to speed up computers operations by magnitudes. A software tech's job is to slow down the computers operation by magnitudes. You see this before your eyes, each year computer hardware is 10x faster, each year the OS is 10x slower, which results in very little if any net gain in "actual user speed", best seen when waiting for the OS to boot up!

My next favorite gripe is the retail takeover of the internet. I don't come here to buy things. Why not create a .ret (dot ret) in addition to .com, .net, .org? Then banish all sales to .ret addresses so my google searches don't return tons of useless chinese junk for purchase. If I ever want to buy online I will know to search for .ret sites! Oh well.

JS

"Mike Coslo" <mcoslo@comcast.net> wrote in message
news:Xns988A883267B5mcoslocomcastnet@216.196.97.136...
> Tom Ring <news0003@taring.org> wrote in
> news:456cf41d$0$1013$39cecf19@news.twtelecom.net:
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> > Michael Coslo wrote:
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> >>
> >> I work both Microsoft, OSX, and am learning Linux.
> >>
> >> Not that it was asked for, but my experience has been that MS
OS
> >> is
> >> great if you have paid support staff to make it run, Linux is nice,
> >> but every once in a while, it kicks us back to 1985, (sorry -
> >> unforgivable in 2006) and when I absolutely have to get it done
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> >> a minimum of..
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> > How so? Interested in your perspective on the 1985ish Linux issues.
>
>
> My perspective is that of an OS that occasionally makes me work as if
it
> was 1985. More on that below.
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> >
> > And I have found that it takes less paid staff to support a number
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is
> > much tougher to automate than simply writing scripts and adding them
> > to crontab.
>
> Ahh, the perspective issue! Agreed that getting to the command
line
> is a more efficient method, even on an Xserve. But I have to deal
> with situations where I have to get a piece of hardware, anstall
and
> use it and any software needed, and meet a deadline.A real short
> one. With the PC, we usually find that we have hardware
limitations
> (always cured by spending a few K), with Linux, we can spend a lot
> of time looking for drivers, installing a program is always
> exciting, and usually the deadline has come and gone in either
case.
>
> I use the Mac because I work with a computer, not get a computer
to
> work. I'll gladly concede that the other platforms/OS's are much

> superior - certainly they must be, because they require a support
> staff that knows many interesting and arcane things, and I just
plug
> away, meeting deadlines.
>
> - 73 de Mike KB3EIA -

2979. Re: Origin of "Ham" (was Requirements to talk?)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 07:05:09 UTC
From: "Fred Furlly"
Message-ID: <onaqm2lv96k74cheni9ue545hsgqt3qkrs@4ax.com>
Source record: 48952

On Tue, 28 Nov 2006 09:12:24 -0800, "Caveat Lector" <CL@nowhere.com>
wrote:

>
>> What the heck! Like I was told earler, it's the "Golden Rule". I
>> just forgot about that, and tried to make sense of HAM.
>
>If you mean the origin of the word "Ham' the best guess is from the ARRL
>"Ham: a poor operator. A 'plug.'"
>
>That's the definition of the word given in G. M. Dodge's The Telegraph
>Instructor even before radio. The definition has never changed in wire
>telegraphy. The first wireless operators were landline telegraphers who left
>their offices to go to sea or to man the coastal stations. They brought with
>them their language and much of the tradition of their older profession.
>
>In those early days, spark was king and every station occupied the same
>wavelength--or, more accurately perhaps, every station occupied the whole
>spectrum with its broad spark signal. Government stations, ships, coastal
>stations and the increasingly numerous amateur operators all competed for
>time and signal supremacy in each other's receivers. Many of the amateur
>stations were very powerful. Two amateurs, working across town, could
>effectively jam all the other operators in the area. When this happened,
>frustrated commercial operators would call the ship whose weaker signals had
>been blotted out by the amateurs and say "SRI OM THOSE #&$!@ HAMS ARE
>JAMMING YOU."
>
>Amateurs, possibly unfamiliar with the real meaning of the term, picked it
>up and applied it to themselves in true "Yankee Doodle" fashion and wore it
>with pride. As the years advanced, the original meaning has completely
>disappeared.
>
>
>
>73 From CL
>

Hey! Way cool, CL! I Love trivia History.

One can learn so much this way without all boring people to death
with all the pointless and grueling details!

As for the original meaning, I agree with you on that part; it's
been forgotten and lost under the bed with the dust-bunnies of time.
However, I believe your suspicion on the meaning is probably more than

accurate, AND the "Spark-Gap" transmission gear of the earlier `Station Operators equipment list is quite true, which makes me stop and think about the more logical divergence of things, of which we nowadays find our selves in. . . If the Old Time Operators were outrageous scoundrels with their Spark-Gap technology, even if the technology failed to carry through to today times, the "noxious attitude about the ridiculous, mandatory 5 wpm Code requirement for licensing" has come through along with all the fervor and mind-numbing hatred towards humanity of these early-day "Phrekers". The personal need of these people to cram it into everybody's face in and rub it in hard, is still evident regardless of how pointless the issue has become with the REAL people in power.

Dropping the requirement down to 5 WPM is purely ridiculous and pointless. It only reflects the attitude of petty tyrants. . . Or power crazed, pre-computer era, Spark-Gap, Phrekers. =)

(That one was aimed Right at you S.C.) =) Pthttttttt!

Bawhahahahaha!

2980. Re: Happy turkey day you no-code turkeys.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 07:28:28 UTC
From: "Fred Furlly"
Message-ID: <afcqm25ht3m5fsrc3uug3tkfv3aioaiqu0@4ax.com>
Source record: 48953

On Tue, 28 Nov 2006 00:22:37 GMT, Slow Code <my.mail@no.spam> wrote:

>"JOHN D" <jawnd393one@yahoo.com> wrote in
>news:evJ9h.6046$IW2.4244@trndny03:
>
>>
>> Why am I wasteing my time brushing up on radio & electronic theory and
>> studying schematics when, apparantly, all I need is better cw skills to
>> enable me to fix my radios.
>
>
>You need both to be a well balance operator. If you're willing and
>motivated enough to be able to learn and communicate with CW, you're also
>more likely to be motivated to advance yourself technically in other areas
>of radio as well. You won't be one of those unmotivated no-code appliance
>operators you hear on repeaters who spend their days kerchunking all the
>machines in the area.
>
>SC

You are SOOOOO Full of yourself SC!

You bet! Its a good thing to know Code, and darn right you are to
be proud of Learning How to Code. . . But hey, wait a minute. . ..
What the heck makes you now believe that just because YOU wanted it,
and went out and learned how, that now EVERYBODY HAS TO LEARN IT TOO!?

Isn't that just a tiny bit selfish? Something akin to what the
Nazis' tried to impose on the world?

"My Shit's Really Kewl, so YOU have to buy into it as much as I did.
. . In fact, seeing how I have this-here baseball bat, I suggest you
had Better start feeling the same way I do or I'll just have to take a
moment or two and adjust your way of thinking!. . . Buddy!"

Again, SC, We all agree that Code is a good thing. Your approach
towards it isn't. Nor is your insistence that everybody has to learn
it or they not be allowed to use the radio. In fact, that's quite the
anti-social behavior you've got going on there, SC. `Nothing to be
proud of, . . . Good Buddy! Next, You'll probably try and say that
just because I'm not as white as you, I'm not aloud to use the radio
ether? Huh?

No difference, SC. No difference at all.

Hey SC, do you have a masters degree in vehicle engineering? No??
Well then, you are not allowed to drive your car anymore, ether! We

got to keep the "Trash" off the road or it will become like a go-cart
track. And we all KNOW what go-cart tracks are like, don't you?!

2981. Re: Who has done more harm to the black community Michael Richards or Flavor Flav?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 09:17:53 UTC
From: cw_20wpm@yahoo.com
Message-ID: <1164791873.916724.216150@h54g2000cwb.googlegroups.com>
Source record: 48954
Cross-posted to:
alt.usenet.kooks,soc.culture.african.american,rec.music.hip-hop,rec.radio.amateur.antenna,rec.radio.amateur.policy

```
an_old_friend wrote:
> PorchMonkey4Life wrote:
> > Michael Richards went insane on a stage at the Laugh factory in Los
> > Angeles. He said some pretty ugly things and has temporarily torpedoed
> > his acting/comic career. But most blacks don't know who the h*ll he is.
> > They don't/didn't watch Seinfeld (for the most part). he for the most
> > part damaged himself.
> >
> > But on the other hand you have Flavor Flav:
> >
> > Flavor Flav with each reality show appearance does more damage than
> > Mantan Mooreland could have ever done. This man is the only black person
> > that Grand Wizard of the Klu Klux Klan doesn't want to lynch. He wants
> > Flavor to fruitful and multiply and tard down the black race.
> >
> > Why hasn't any black leader spoken out about the damage the Flavor is
> > doing? The show is syndicated internationally. In some countries Flavor
> > is their only contact/exposure to black people.
> >
> > I used to think that Stephen A. Smith was the most ignorant brother on
> > TV. Then Flavor Flav came along and dethroned him.
>
> fukc niggars bceuse the aer they onw worts enamie bceuse thye aer
> stuped

dam faggot.
```

2982. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 12:01:44 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1164801704.055802.290740@80g2000cwy.googlegroups.com>
Source record: 48955

This is not a forum for operating systems... Let us get back on
topic, folks...

denny

John Smith wrote:
> Mike:
>
> There was a time when linux expected all hardware to know its job and
> have the internal software (firmware instructions actually) to do its
> job and leave the OS free to use its processor cycles much more
> efficiently. Linux ran like a race car back then, and the command line
> as opposed to the processor cycle glutton of the GUI aided this
> tremendously (or, I don't need all those cutsie windows, icons, themes
> and sounds!)
>
> Windows tries to encompass and contain all the software necessary to do
> all things (mostly as dll's, ocx code, etc.) No better example of this
> exists, which I can think of, than the "software modem" as opposed to
> the hardware modem. The OS must handle all data
> compaction/encryption/de-encryption/de-compaction/"error
> checking"/sending/receiving/etc. and slows other processes down to
> accomplish this (or, why is my word processor dragging when the modem is
> on?), for the software modem. The hardware modem just does it all and
> hands data to the OS, or takes data from it for processing and sending.
> The 56K USRobotics Courier External modem was the prime example of such
> a hardware modem and contained its own processor and it was identical (I
> think) to the processor used in the first IBM computers (second
> generation actually, first generation used the 8086;s)--intel 80186's?
> This was one powerful modem! It's speed unmatched by any of the day...
>
> Now, both linux and windows are growing towards a common ground where
> both OS's will contain all this software and become bogged down handling
> all the processes for all the hardware--not good in my opinion. But, it
> gives us cheap computers (the hardware is just basically ports and
> mechanics.)
>
> Put simply, a hardware techs' job is to speed up computers operations by
> magnitudes. A software tech's job is to slow down the computers
> operation by magnitudes. You see this before your eyes, each year
> computer hardware is 10x faster, each year the OS is 10x slower, which
> results in very little if any net gain in "actual user speed", best seen
> when waiting for the OS to boot up!
>
> My next favorite gripe is the retail takeover of the internet. I don't

> come here to buy things. Why not create a .ret (dot ret) in addition to
> .com, .net, .org? Then banish all sales to .ret addresses so my google
> searches don't return tons of useless chinese junk for purchase. If I
> ever want to buy online I will know to search for .ret sites! Oh well.
>
> JS
>
> "Mike Coslo" <mcoslo@comcast.net> wrote in message
> news:Xns988A883267B5mcoslocomcastnet@216.196.97.136...
> > Tom Ring <news0003@taring.org> wrote in
> > news:456cf41d$0$1013$39cecf19@news.twtelecom.net:
> >
> > > Michael Coslo wrote:
> > >
> > >>
> > >> I work both Microsoft, OSX, and am learning Linux.
> > >>
> > >> Not that it was asked for, but my experience has been that MS
> OS
> > >> is
> > >> great if you have paid support staff to make it run, Linux is nice,
> > >> but every once in a while, it kicks us back to 1985, (sorry -
> > >> unforgivable in 2006) and when I absolutely have to get it done
> with
> > >> a minimum of..
> > >
> > > How so? Interested in your perspective on the 1985ish Linux issues.
> >
> >
> > My perspective is that of an OS that occasionally makes me work as if
> it
> > was 1985. More on that below.
> >
> >
> > >
> > > And I have found that it takes less paid staff to support a number
> of
> > > linux servers than the same number of 2K or 2K3 servers. Clicking
> is
> > > much tougher to automate than simply writing scripts and adding them
> > > to crontab.
> >
> > Ahh, the perspective issue! Agreed that getting to the command
> line
> > is a more efficient method, even on an Xserve. But I have to deal
> > with situations where I have to get a piece of hardware, anstall
> and
> > use it and any software needed, and meet a deadline.A real short
> > one. With the PC, we usually find that we have hardware
> limitations

> > (always cured by spending a few K), with Linux, we can spend a lot
> > of time looking for drivers, installing a program is always
> > exciting, and usually the deadline has come and gone in either
> case.
> >
> > I use the Mac because I work with a computer, not get a computer
> to
> > work. I'll gladly concede that the other platforms/OS's are much
> > superior - certainly they must be, because they require a support
> > staff that knows many interesting and arcane things, and I just
> plug
> > away, meeting deadlines.
> >
> > - 73 de Mike KB3EIA -

2983. FM Transmitter for CD Players?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 12:39:44 UTC
From: "W. Watson" <wolf_tracks@invalid.com>
Message-ID: <kcfbh.5246$1s6.1105@newsread2.news.pas.earthlink.net>
Source record: 48956

I just bought an MW FM transmitter that is battery powered. It allows one to hook up the output of, say, a CD player to the headphone output, and transmit the signal to select FM bands. This is fine for the most part, but I'm wondering if there are units that have wall warts for power?

Wayne T. Watson (Watson Adventures, Prop., Nevada City, CA)
(121.015 Deg. W, 39.262 Deg. N) GMT-8 hr std. time)
Obz Site: 39ï¿½ 15' 7" N, 121ï¿½ 2' 32" W, 2700 feet
--
"I have made this letter [e-mail] a rather long one, only
because I didn't have the lesiure to make it shorter."
-- Blaise Pascal
Web Page: <home.earthlink.net/~mtnviews>

2984. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 13:01:56 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <456d84c5$0$6148$39cecf19@news.twtelecom.net>
Source record: 48957

Mike Coslo wrote:

>
> Ahh, the perspective issue! Agreed that getting to the command line
> is a more efficient method, even on an Xserve. But I have to deal
> with situations where I have to get a piece of hardware, anstall and
> use it and any software needed, and meet a deadline.A real short
> one. With the PC, we usually find that we have hardware limitations
> (always cured by spending a few K), with Linux, we can spend a lot
> of time looking for drivers, installing a program is always
> exciting, and usually the deadline has come and gone in either case.
>
> I use the Mac because I work with a computer, not get a computer to
> work. I'll gladly concede that the other platforms/OS's are much
> superior - certainly they must be, because they require a support
> staff that knows many interesting and arcane things, and I just plug
> away, meeting deadlines.
>
> - 73 de Mike KB3EIA -

Well, I guess I'm lucky in that respect, I just need to keep the email,
web, DNS, etc. running. The hardware involved is never an issue, since
the ethernet card is about all the OS has to find drivers for, and
installations of current RHEL and its derivatives are a snap to perform.
RAID is the most important "odd" hardware in my world, and it is
thankfully transparent to the OS in most cases.

tom
K0TAR

2985. Re: FM Transmitter for CD Players?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 13:06:26 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <456d85d3$0$6148$39cecf19@news.twtelecom.net>
Source record: 48958

W. Watson wrote:

> I just bought an MW FM transmitter that is battery powered. It allows
> one to hook up the output of, say, a CD player to the headphone output,
> and transmit the signal to select FM bands. This is fine for the most
> part, but I'm wondering if there are units that have wall warts for power?
>
> Wayne T. Watson (Watson Adventures, Prop., Nevada City, CA)
> (121.015 Deg. W, 39.262 Deg. N) GMT-8 hr std. time)
> Obz Site: 39ï¿½ 15' 7" N, 121ï¿½ 2' 32" W, 2700 feet

Go to C Crane's web site, which I believe is ccrane.com. They used to
have a unit that ran on battery or a wall wart.

tom
K0TAR

2986. Re: In search of the "Tesla Antenna."

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 13:11:18 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1164805878.693294.32030@h54g2000cwb.googlegroups.com>
Source record: 48959

Hmmm, John... Physics and our belief system about what these things we measure with electrical meters and telescopes in the physical world really mean changes with time... We went from the animus earth <placating the trees, rocks, etc.>, to placating the gods in the heavens above, to earth air water and fire, to Phlogiston/Aether.. Then Einstein, Dirac, and many others, came along and this group decided that there was no phlogiston, et.al. and we went to the concept of the empty space, open universe... Then the telephone guys had problems with noise spoiling long distance transmissions and detected low level background radio signals which caused the physicists to again revise their equations and declared it mean't 'kablammo' a closed universe, eternal expansion, and heat death.... And since then
the Big Bang has been dragged along, patched up, shored up, repaired, and redecorated, until it looks like the house that Topsey built...
BTW, note that to go along with the expanding closed universe that Einstein had to revise a number of his equations to dump a nasty little term that implied that empty space was not empty, that it contained energy - and energy is mass... And unmeasured mass in empty space means the Hubble constant is all wrong... And whammo, down comes Topsey's house...

Now, to get back to antennas, the radio wave we launch off our antennas is a photon in motion... Like electrical charges in motion on a wire have a field around them, a photon in motion has a field around it... That force field we call an E+M wave... If we use instrumentation to measure the E+M field we declare that radio is a 'wave'... If we change our instrumentation so that it responds to photons instead of E+M forces, voila, we find that radio wave is magically now a 'particle'...
So, consider this: Your antenna is a magic box... You pump electrons down the antenna wire and it gets rid of this excess energy by converting the electrons into photons and radiating them away... Somewhere out there the photons ram into another wire, dumping energy into it... This magic box then reconverts the photons back into electrons, and you detect a signal...

OK, now the physicists find themselves back in the hot seat because new findings strongly suggest that each cubic inch (or CC's for you metrically handicapped types) of empty space contains a measureable amount of energy/mass equivalent...

*** An aside: For a non mathematical explanation why energy cannot be directly converted into quarks/mass, read Lawrence Krauss's book ATOM... Highly recommended by me..***

And other new measurements are interpreted that there is a Dark Force pushing quarks/mass/galaxies apart against the contraction of that nasty Gravity Field <can you say, "Phlogiston"?>... All of which has sent the phsyicists back to the loo where they now sit stroking their equations... Sooner or later they will exclaim, 'Voila!' and we will be presented with Einsteins scribblings with that nastly little term re-inserted for energy/mass in a vacuum and they will strut around declaiming they knew it all along... This has been the most fun to watch and chuckle at over my lifetime... After they proudly show their revised equations explaining all this within the next decade, I hope to live long enough to see the next wave of 'new measurements' that sends them thundering back to the loo...

cheers ... denny

2987. Re: Shunt fed vertical?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 13:36:12 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1164807372.219994.133020@h54g2000cwb.googlegroups.com>
Source record: 48960

Hey John... Glad to see you are still experimenting with the
vertical...
One answer is that you are shunt feeding a vertical monopole near it's
third harmonic tapped at about 1/8 wave above ground... Depending upon
shunt spacing and the diameter ratios it looks like you found the magic
spot for that frequency to transform to nearly a 1:1 match...
As one fella said to me long ago, I would rather be lucky than good,
any day...

denny - k8do

2988. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 13:56:31 UTC
From: jawod <jawod@fuse.net>
Message-ID: <456D918F.8010504@fuse.net>
Source record: 48961

Denny wrote:
> This is not a forum for operating systems... Let us get back on
> topic, folks...

Still, a better topic to read than most of the dreck on here.

I am homebrewing (if that term isn't overkill) a dipole and am using PVC joints...a T in the middle and straight connectors for the ends. Will these need to be treated (painted, etc) for UV protection?

Richard, feel free to give this one a pass. :)
You're a good guy, it's just that your prose borders on word salad sometimes (hold the pedantic dressing)

John
AB8O

2989. Feeding a 4 bay vertical folded dipole

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 14:01:30 UTC
From: N4aeq <tucker@conninc.com>
Message-ID: <1164808890.567259.210110@14g2000cws.googlegroups.com>
Source record: 48962

I need to build a 4 bay folded dipole like the one use on vhf/uhf
repeaters. The folded dipole is easy
enough to figure out but how do you get the 4 - 300ohm dipoles to
combine to one 50ohm feedline,
I have looked close as i can at these and there is no combiner but it
looks like maybe some coax
phasing stubs or lengths of coax inside the antenna support mask?

2990. Re: CP nearly spherical

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 15:01:33 UTC
From: Walter Maxwell <walt@w2du.com>
Message-ID: <8c4rm21satmmq7lppcp2v6kb9puhm4o93r@4ax.com>
Source record: 48963

```
On Tue, 28 Nov 2006 08:55:14 +0100, SamSvL <samsvl@nlr.nl> wrote:

>"Jerry Martes" <j.jmartes@verizon.net> wrote in
>news:nPEah.15278$Uz.1717@trnddc05:
>
>>
>> "SamSvL" <samsvl@nlr.nl> wrote in message
>> news:Xns988862B35D055samsvlnlrnl@192.87.166.16...
>>> Walter Maxwell <walt@w2du.com> wrote in
>>> news:t5qem2hmrhgj6j6c19239u7pgojf2lg285@4ax.com:
>>>
>>>> On Thu, 23 Nov 2006 19:04:22 GMT, "Jerry Martes"
>>>> <j.jmartes@verizon.net> wrote:
>>>>
>>>>>
>>>>>"SamSvL" <samsvl@nlr.nl> wrote in message
>>>>>news:Xns9884A6756F505samsvlnlrnl@192.87.166.15...
>>>>>> What would be a good (free space, 1 GHz) antenna to achieve
>>>>>> circular polarizarion with a nearly spherical coverage?
>>>>>>
>>>>>> Thanks,
>>>>>>
>>>>>> Sam
>>>>>
>>>>>
>>>>> Hi Sam
>>>>>
>>>>> If you want "half spherical" coverage for receiving a circularly
>>>>> polarized
>>>>>signal, a turnstile is probably the easiest to build.
>>>>> If your requirements for sensitivity are more stringent than the
>>>>> turnstile
>>>>>provides, a quadrafilar helix is excellant circular polarization.
>>>>>
>>>>> Jerry
>>>>>
>>>> Hi Sam,
>>>>
>>>> FYI, the quadrifilar helix comprises two bifilar helices fed in
>>>> phase quadrature. The result is hemispherical radiation in the
>>>> radiation sphere. But the hemispherical radiation results from the
>>>> combined radiations from each bifilar helix. Consequently, radiation
>>>> from a single bifilar helix is spherical, with the polizarization
>>>> sense the same throughout the sphere, unlike the radiation from a
```

>>>> turnstile, which radiates one polarization sense above the equator
>>>> and the opposite sense below the equator, where the turnstile
>>>> elements lie on the equator.
>>>>
>>>> You can find info on the bifilar helix in Chapter 22 of Reflections,
>>>> eds 1 and 2. If you don't have a copy of Reflections available,
>>>> Chapter 22 is available for downloading from my web page at
>>>> www.w2du.com. Click on "Read Chapters from Reflections 2" and then
>>>> click on 'Chapter 22, Quadrifilar Antenna'.
>>>>
>>>> Fig 22-5 shows the radiation pattern for the quadrifilar, but the
>>>> radiation in the 180ï¿½ direction is suppressed due to the effect of
>>>> the second helix positioned 90ï¿½ from the first helix, and fed in
>>>> quadrature (90ï¿½) relative to the first. In the absence of the second
>>>> helix the radiation from a single bifilar is spherical.
>>>>
>>>> Fig 22-8 shows a simple method of feeding the bifilar helix--it's
>>>> called an 'infinite balun', because the current that would flow on
>>>> the outside surface of the coax when feeding a doublet dipole
>>>> without a balun is now flowing on the outside surface of the
>>>> radiator, which is what we want.
>>>>
>>>> If you're interested in further info on the helices used in
>>>> quadrifilars or bifilars, see the report on my R&D experiment on
>>>> quadrifilars, in which I measured radiation patterns and driving
>>>> point impedances on more than a thousand different configurations of
>>>> the quadrifilar. The R&D report is available for downloading on my
>>>> web page. Click first on "Read Appendices from Reflections 2", and
>>>> then click on 'Appendix 13, RCA R&D Quadrifilar Helix Antenna'.
>>>>
>>>> Hope this helps,
>>>>
>>>> Walt Maxwell, W2DU
>>>
>>> Hi Walt,
>>>
>>> Thanks for your reaction. And yes, I found your articles already some
>>> time ago. I missed the notes on the bifilar, but will study them
>>> again carefully.
>>>
>>> Again, thanks,
>>>
>>> Sam
>>
>>
>> Hi Sam
>>
>> I dont want to discourage your study of them, but, bifilar has
>> significant
>> nulls for CP.

>>
>> Jerry
>>
>>
>> Jerry
>Hi Jerry,
>
>The radiation pattern is doughnut shaped. You're right !
>
>sam

Hi Sam & Jerry,

I stand corrected, and thanks to both of you for detecting my error. As I told Sam, it's been 26 years since I worked on the QHA, and I simply forgot that the second bifilar fills in the null of the first, due to their quadrature relationship. Senior moments are arriving more frequently these days at age 88.

Walt

2991. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 15:11:29 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Bqhbh.20356$Sw1.20173@newssvr13.news.prodigy.com>
Source record: 48964

Mike Coslo wrote:
> Hey! BTW, once you get used to Richard's prose, he's enjoyable to
> read, and there is truth in his ministrations.

Even the part about reflections from non-reflective
glass being brighter than the surface of the sun? :-)
--
73, Cecil http://www.w5dxp.com

2992. Another Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 15:13:15 UTC
From: John Doe <hgorden@adelphia.net>
Message-ID: <L92dnTUu5c4QPvDYnZ2dnUVZ_h-dnZ2d@adelphia.com>
Source record: 48965

I live in a antenna restricted community!

I have put up a somewhat stealth antenna.
It is a 540 ft loop = 180 ft virtually lays on the roof and the remainder
360 ft is in my attic.
I feed this with 50 ft of RG58u at the center point (6 turns of the
feedline - approx 8" dia is used as a RF choke) running down to a manual
tuner.
The antenna in this configuration is about 1.5:1 across all the bands from
75m to 6m. I would like to operate on 160m, but the tuner doesn't cover
that band, and when I try to go directly the SWR is extreme and we don't use
it!
My questions are:
1] should I leave the antenna system alone as is? It works - but as a
wire system has its limitations due to the clearance off the roof?
or
2] should I purchase another antenna tuner that covers 160m - 6m. and
open the LQQP and make the antenna a single 540 ft piece of wire and ground
the other side?

73's

2993. Re: 4:1 Current Balun Common Mode Impedance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 15:13:56 UTC
From: Chuck <chuck.shinn@earthlink.net>
Message-ID: <1164813236.520474.54350@j44g2000cwa.googlegroups.com>
Source record: 48966

jawod wrote:
> Please help a newbie. Can I get a good definition of "common mode"?
> I've been reading ARRL pubs but can't seem to get my head around this
> concept.

The best explaination of this I have ever seen is contained in W1HIS .pdf article on yccc.org concerning common mode chokes. Dont let your head hurt. It is a big download but well worth the read. Chuck is a retired prof at MIT and did AR commuity a great service by publishing this. Transmission line vs. common mode is addressed in the early stages of this read. If you get hooked on this chunk of info like I did because of receive improvements and TVI redux be sure to read the footnotes. There is a wealth of info contained in the footnotes.

To give you some idea of the degree of improvement in receive noise floors....I am using a 33 foot vertical mounted 12 feet up with some elevated radials. I feed this with a Johnson Matchbox and 450 window line. Receive noise floor improved by 7 to 10 db after installing 3 common mode chokes in the feedlines. 1 at the feedpoint, one at the entry and one at the exciter.

I cannot imagine how much money I would have to spend in improved antennas and hardware to yield that kind of noise redux.

Here is the link:
http://www.yccc.org/Articles/W1HIS/CommonModeChokesW1HIS2006Apr06.pdf

BTW. The reason why I started this search on common mode choking was to reduce rfi in the shack. My installation is meant to offer minimum of tvi by being careful with my antenna placement which in my case means having it 12 feet above my transceiver. Not only did the rfi go away but all my rfi issues subsided on my entertainment devices as well. No complaints from neighbors either. On smallish city lots with open door entertainment systems makes it hard to be a good neighbor. This helped a bunch.

Best and good reading, Chas W7MAP/5

2994. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 15:21:55 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <nAhbh.20358$Sw1.4761@newssvr13.news.prodigy.com>
Source record: 48967

John Smith wrote:
> The 56K USRobotics Courier External modem was the prime example of such
> a hardware modem and contained its own processor and it was identical (I
> think) to the processor used in the first IBM computers (second
> generation actually, first generation used the 8086;s)--intel 80186's?

You are probably thinking of the 8088 (8-bit bus) used
in the low-end version of the first IBM PC. But the
"first IBM computers" were not solid-state. :-) Back
in the 50's, the IBM-650 computers used dual triodes
with a magnetic drum as the memory. The logic was
bi-quinary, somewhat like an abacus.
--
73, Cecil http://www.w5dxp.com

2995. Re: Another Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 15:30:21 UTC
From: chuck <nospam@nospam.org>
Message-ID: <1164814354_4099@sp6iad.superfeed.net>
Source record: 48968

John Doe wrote:
> I live in a antenna restricted community!
>
> I have put up a somewhat stealth antenna.
> It is a 540 ft loop = 180 ft virtually lays on the roof and the remainder
> 360 ft is in my attic.
> I feed this with 50 ft of RG58u at the center point (6 turns of the
> feedline - approx 8" dia is used as a RF choke) running down to a manual
> tuner.
> The antenna in this configuration is about 1.5:1 across all the bands from
> 75m to 6m. I would like to operate on 160m, but the tuner doesn't cover
> that band, and when I try to go directly the SWR is extreme and we don't use
> it!
> My questions are:
> 1] should I leave the antenna system alone as is? It works - but as a
> wire system has its limitations due to the clearance off the roof?
> or
> 2] should I purchase another antenna tuner that covers 160m - 6m. and
> open the LQQP and make the antenna a single 540 ft piece of wire and ground
> the other side?
>
> 73's
>
>

Is the perimeter of your attic really 360 ft?

That's a lot of wire to stuff in an attic (with an additional 180 feet
on the roof over the attic) and still resemble a loop.

Why not borrow a tuner that covers 160 meters and verify that it will
work before buying one? If the 540 feet is indeed a "loop" you should
not have to open one end for 160 meters.

Chuck

-----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

2996. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 15:50:10 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ekkaf3$28bv$1@news.ndhu.edu.tw>
Source record: 48969

Cecil:

I am trying to imagine a USRobotics modem the size of my garage!
Probably was the 8088, a '186 would have been a bit of an overkill for
56K and a phone line (but the 8088 probably had head-room left over!)

Regards,
JS

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:nAhbh.20358$Sw1.4761@newssvr13.news.prodigy.com...
> John Smith wrote:
> > The 56K USRobotics Courier External modem was the prime example of
such
> > a hardware modem and contained its own processor and it was
identical (I
> > think) to the processor used in the first IBM computers (second
> > generation actually, first generation used the 8086;s)--intel
80186's?
>
> You are probably thinking of the 8088 (8-bit bus) used
> in the low-end version of the first IBM PC. But the
> "first IBM computers" were not solid-state. :-) Back
> in the 50's, the IBM-650 computers used dual triodes
> with a magnetic drum as the memory. The logic was
> bi-quinary, somewhat like an abacus.
> --
> 73, Cecil http://www.w5dxp.com

2997. Re: Origin of "Ham" (was Requirements to talk?)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 16:05:58 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Gdibh.31332$6t.10275@newssvr11.news.prodigy.com>
Source record: 48970

Fred Furlly wrote:
> Hey! Way cool, CL! I Love trivia History.

One more piece. Back around 1953, my Elmer, (Shorty, SK, W5OLV - old lousy virgin), told me that the "ham" in ham radio originated with the way English cockney amateur radio operators pronounced "'amateur" as in "ham-ateur".

One note on antennas: W5OLV talked to those cockneys on 10m with an RG-11 fed 75m dipole. When I later learned that an 80m dipole used on 10m would be 4 wavelengths long, I thought Shorty was pretty ignorant. It's true that 1/2WL on 80m would be 4 wavelengths on 10m but I much later realized that 28MHz/4MHz = 7 and 7/2 = 3.5 wavelengths. As I remember, Shorty's dipole was ~117 feet long.
--
73, Cecil http://www.w5dxp.com

2998. Re: FM Transmitter for CD Players?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 16:10:10 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Chibh.31335$6t.25997@newssvr11.news.prodigy.com>
Source record: 48971

W. Watson wrote:
> I just bought an MW FM transmitter that is battery powered. It allows
> one to hook up the output of, say, a CD player to the headphone output,
> and transmit the signal to select FM bands. This is fine for the most
> part, but I'm wondering if there are units that have wall warts for power?

Get an appropriate wallwart and clip it across the
battery terminals. Remove the batteries, of course.
--
73, Cecil http://www.w5dxp.com

2999. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 16:13:43 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Xkibh.31337$6t.12161@newssvr11.news.prodigy.com>
Source record: 48972

jawod wrote:
> I am homebrewing (if that term isn't overkill) a dipole and am using PVC
> joints...a T in the middle and straight connectors for the ends. Will
> these need to be treated (painted, etc) for UV protection?

My experience: White PVC turns brittle under
TX and AZ UV rays.
--
73, Cecil http://www.w5dxp.com

3000. Re: Shunt fed vertical?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 16:20:18 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <gicrm21vaum8l6fikdgc6gm6hqup9rcikc@4ax.com>
Source record: 48973

On Tue, 28 Nov 2006 14:47:29 -0800, Richard Clark <kb7qhc@comcast.net>
wrote:

>>So that leads to my question: How do you shunt feed a 28 foot
>>vertical?
>
>For 80M? About a 1000pF in series with the added wire. This still
>says nothing of the resistance being sub 1 Ohm IFF your gamma wire is
>on par with the diameter of the vertical element. On the other hand,
>if it is very much thinner (and using half the capacitance), it stands
>to elevate the resistive portion (to 30ish Ohms) into a match.
>
>A more complete specification would tighten up the variability in
>this.
>
>73's
>Richard Clark, KB7QHC
I will pursue your suggestions.
John Ferrell W8CCW

3001. Re: Origin of "Ham" (was Requirements to talk?)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 16:25:49 UTC
From: Jeff <jeff@local.host>
Message-ID: <456dc49f$0$1348$834e42db@reader.greatnowhere.com>
Source record: 48974

```
"> One more piece. Back around 1953, my Elmer, (Shorty,
> SK, W5OLV - old lousy virgin), told me that the "ham"
> in ham radio originated with the way English cockney
> amateur radio operators pronounced "'amateur" as in
> "ham-ateur".
>

Not sure I believe that; there are not many people in England who talk like
Dick Van Dyke in Mary Poppins!!

73
Jeff
```

3002. Re: Shunt fed vertical?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 16:31:01 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <bscrm2pe4tguu0c7i2om4og4fcqk6tul55@4ax.com>
Source record: 48975

On Wed, 29 Nov 2006 04:43:14 GMT, Owen Duffy <owen@no.where> wrote:

>John,
>
>Your terminology has me confused.
>
>When you say you expect to see resonance between 6-8MHz, I understand
>resonance to mean zero reactance at that frequency. Then you tell us
>you expect to see lots of reactance. They are inconsistent.
>
>Then you tell me that you expect to see a dip in SWR at the 1/4 wave
>length. I am guessing, but I think you probably mean the frequency
>where the vertical is a quarter wavelength long electrically.
>
>If you drive the vertical at the base in series, you would expect to
>observe resonance (ie no reactance) somewhere around the quarter wave
>frequency.
>
>If you shunt feed it further up, the shunt feeding arrangement acts as
>an impedance transformer, and it is unlikely that you will see zero
>reactance (ie resonance) at the same frequency as if you series fed
>the vertical at the base. A feature of shunt feeding typically is that
>it is reactive, and you have to tune out the reactance, adjusting the
>tap point up or down to get the desired feed impedance.
>
>Owen
Sorry for the confusing terminology but I am confused!
The testing I have done so far with this 28 foot antenna has been
series fed. The results obtained have been consistant with the Eznec
models.

I believe my current direction requires I puzzle out the Gamma match
in Eznec.
John Ferrell W8CCW

3003. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 16:41:49 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1164818509.292036.71500@80g2000cwy.googlegroups.com>
Source record: 48876

I have unpainted PVC poles up in Michigan and they have held up for years with just a bit of powdering of the surface... If you are using the dipole for a year or three leave it bare... If you think it may be up for decades, spray with a dark color paint to block UV...

denny

3004. Re: Shunt fed vertical?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 16:43:55 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <hidrm290ck8grsbsudh1tc42ra578bj98h@4ax.com>
Source record: 48877

On 29 Nov 2006 05:36:12 -0800, "Denny" <k8do@mailblocks.com> wrote:

>Hey John... Glad to see you are still experimenting with the
>vertical...
>One answer is that you are shunt feeding a vertical monopole near it's
>third harmonic tapped at about 1/8 wave above ground... Depending upon
>shunt spacing and the diameter ratios it looks like you found the magic
>spot for that frequency to transform to nearly a 1:1 match...
>As one fella said to me long ago, I would rather be lucky than good,
>any day...
>
>denny - k8do
Stumbling across that condition has added to my confusion!

My dumb questions should show that the 28 foot stick still has lots to
teach me. I am beginning to get a little impatient to move on to a
permanent radial system and a taller antenna. Shunt feeding would
simplify lightning protection and physical mounting considerations of
a taller stick.

John Ferrell W8CCW

3005. Re: Another Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 17:33:57 UTC
From: Rayburn <rayburnsweet@alltel.net>
Message-ID: <49ce0$456dc486$8b3716a7$20936@ALLTEL.NET>
Source record: 48878

Listen to Chuck!

Borrow the tuner before you buy.....

If it works ok on 160....leave it alone!
"chuck" <nospam@nospam.org> wrote in message
news:1164814354_4099@sp6iad.superfeed.net...
> John Doe wrote:
>> I live in a antenna restricted community!
>>
>> I have put up a somewhat stealth antenna.
>> It is a 540 ft loop = 180 ft virtually lays on the roof and the remainder
>> 360 ft is in my attic.
>> I feed this with 50 ft of RG58u at the center point (6 turns of the
>> feedline - approx 8" dia is used as a RF choke) running down to a manual
>> tuner.
>> The antenna in this configuration is about 1.5:1 across all the bands
>> from 75m to 6m. I would like to operate on 160m, but the tuner doesn't
>> cover that band, and when I try to go directly the SWR is extreme and we
>> don't use it!
>> My questions are:
>> 1] should I leave the antenna system alone as is? It works - but as a
>> wire system has its limitations due to the clearance off the roof?
>> or
>> 2] should I purchase another antenna tuner that covers 160m - 6m. and
>> open the LQQP and make the antenna a single 540 ft piece of wire and
>> ground the other side?
>>
>> 73's
>
> Is the perimeter of your attic really 360 ft?
>
> That's a lot of wire to stuff in an attic (with an additional 180 feet on
> the roof over the attic) and still resemble a loop.
>
> Why not borrow a tuner that covers 160 meters and verify that it will work
> before buying one? If the 540 feet is indeed a "loop" you should not have
> to open one end for 160 meters.
>
> Chuck
>
> ----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet
> News==----
> http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+
> Newsgroups

> ----= East and West-Coast Server Farms - Total Privacy via Encryption
> =----

3006. Re: FM Transmitter for CD Players?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 17:39:57 UTC
From: "W. Watson" <wolf_tracks@invalid.com>
Message-ID: <NBjbh.4716$ql2.3611@newsread3.news.pas.earthlink.net>
Source record: 48879

Tom Ring wrote:

> W. Watson wrote:
>
>> I just bought an MW FM transmitter that is battery powered. It allows
>> one to hook up the output of, say, a CD player to the headphone
>> output, and transmit the signal to select FM bands. This is fine for
>> the most part, but I'm wondering if there are units that have wall
>> warts for power?
>>
>> Wayne T. Watson (Watson Adventures, Prop., Nevada City, CA)
>> (121.015 Deg. W, 39.262 Deg. N) GMT-8 hr std. time)
>> Obz Site: 39ï¿½ 15' 7" N, 121ï¿½ 2' 32" W, 2700 feet
>
>
> Go to C Crane's web site, which I believe is ccrane.com. They used to
> have a unit that ran on battery or a wall wart.
>
> tom
> K0TAR
Yes, they do. I just ordered it, $29.95, and am returning the other one. Thanks.

Wayne T. Watson (Watson Adventures, Prop., Nevada City, CA)
(121.015 Deg. W, 39.262 Deg. N) GMT-8 hr std. time)
Obz Site: 39ï¿½ 15' 7" N, 121ï¿½ 2' 32" W, 2700 feet
--
"I have made this letter [e-mail] a rather long one, only
because I didn't have the lesiure to make it shorter."
-- Blaise Pascal
Web Page: <home.earthlink.net/~mtnviews>

3007. More Origins Of Ham Speak

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 17:42:43 UTC
From: Caveat Lector <CL@nowhere.com>
Message-ID: <nEjbh.12057$MH7.6937@newsfe06.phx>
Source record: 48880
Body handling: Inline uuencoded payload not displayed: grnarrow.gif

The origin of "Ham" stirred up some interest

How about these origins?
Origin Of BoatAnchor Origin of Gonset "Gooney Bird
Why is Gonset Radio spelled with one T when the family name is Gonsett ?
What Happened To The WC, WR, WK, and WT 2X3 Prefixes
Why Do We Use LSB Below 9 MHz and USB Above
WHY DID THE ALLIES FAVOR TRF DESIGNED SETS DURING WWII
When Did Single SideBand Appear in Radio ?
Origin Of MAYDAY Origin Of Securite Origin Of Elmer
Origin Of DX Origin Of Roger Wilco
What Happened To TV Channel One ???
What Happened To The B- Battery ????
Why Do Hams Abbreviate Everything ?
Why Hams End A QSO with Dit Dit
Reports 5 by 5 and Loud and Clear
Origin OF Q, R, X, and Z Codes
Origin Of Voice Numbers Like Niner
Origin Of ProSigns
Origin Of DE Origin Of Fist
Wouff-Hong and the Rettysnitch
Origin of CQ & SOS Origin of 73 Origin Of 33
Western Union "92 Code" & Wood's 1864 "Telegraphic Numerals"
Origin Of The Word Radio
What is the Phillips Code ?
Origin Of Jury-Rig
Origin Of USA Callsigns
ORIGIN OF RG AS IN RG-58 COAX
Origin of es = and in CW
When Was AVC Invented ?
Amateur Radio History
Origin Of Hi Hi
Morse TidBits

ALL AT URL:
http://ac6v.com/73.htm

73 From CL

[Inline uuencoded payload not displayed: grnarrow.gif]

3008. Re: Another Antenna Question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 18:04:23 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <HYjbh.16894$9v5.3147@newssvr29.news.prodigy.net>
Source record: 48881

John Doe wrote:
> The antenna in this configuration is about 1.5:1 across all the bands from
> 75m to 6m.

Where are you measuring the SWR?
--
73, Cecil http://www.w5dxp.com

3009. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 18:21:01 UTC
From: Michael Coslo <mjc5@psu.edu>
Message-ID: <ekkj2d$1bne$1@f04n12.cac.psu.edu>
Source record: 48882

Denny wrote:
> This is not a forum for operating systems... Let us get back on
> topic, folks...

Hey Denny! Why dontcya go tell the crossposters to shut up too!

Plonk me please!

- 73 de Mike KB3EIA -

3010. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 18:23:58 UTC
From: Michael Coslo <mjc5@psu.edu>
Message-ID: <ekkj7u$1bne$2@f04n12.cac.psu.edu>
Source record: 48883

Cecil Moore wrote:
> Mike Coslo wrote:
>> Hey! BTW, once you get used to Richard's prose, he's enjoyable to
>> read, and there is truth in his ministrations.
>
> Even the part about reflections from non-reflective
> glass being brighter than the surface of the sun? :-)

Don't recall that one, Cecil.

- 73 de Mike KB3EIA -

3011. Re: Laziness is no reason to destroy quality radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 18:38:24 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <kskbh.7430$f8.2874@bignews7.bellsouth.net>
Source record: 48884

<Fred Furlly> wrote in message
news:c0rnm25mofnukbldp7jrf2r49qrt87av3i@4ax.com...
> On Tue, 28 Nov 2006 00:22:49 GMT, Slow Code <my.mail@no.spam> wrote:
>
>>"Juan Skinner" <wind_in_the_antenna@yahoo.co.uk> wrote in
>>news:1164386983.981467.137780@m7g2000cwm.googlegroups.com:
>>
>>> The trouble with a code is that it is designed to keep people out. Once
>>> you've learned the 'secret' code, it makes you feel that you have
>>> something that you, and a select group of others can participate in.
>>> Once you're up there, see how quickly you pull the ladder up.
>>> Does a proficiency in CW make for a better operator? Yes, in a way. It
>>> shows a studious interest in the hobby and is a worth achievement but
>>> does it make a more courtious or interesting operator? Certainly not,
>>> and this group is witness to that.
>>> "People who don't use code are lazy", What? Is that the only discipline
>>> available to allow someone to experiment with radio? Absolutely not!
>>> How about learning electronics and building your own equipment? Is that
>>> a lesser or a greater achievement?
>>> How about taking the hobby forward by progressing and leading cutting
>>> edge technologies? It was after all the amateur fraternity who brought
>>> this new fangled SSB phone mode. Were are at the dawn of a new digital
>>> age on all you people can do is look backwards and remain firmly rooted
>>> in the seventeenth century.
>>> Come on, wake up and smell the 21st century.
>>
>>
>>It's got to be incorporated into the exams then, otherwise hams aren't
>>going to learn and do it. If ham radio is to modernize hams must be
>>forced to modernize. CW isn't preventing the modernization of ham radio,
>>Laziness is.
>>
>>Look at the no-coders on the repeaters. Many of them have been licensed
>>for years and they ain't moderizating. They're no better than they were
>>the day they were first licensed.
>>
>>The passing score on written exams need to be 85% and double the number of
>>questions on each test element.
>>
>>I push for quality hams. If you don't like quality there is CB. Let's
>>not turn the ham bands into CB
>>
>>SC
>

>
>
> CW is way tough to learn `Slow. . . ANY Idiot who wants to try to
> enter the world of HAM will be totally filtered out by that one, huh
> SC? It's BUILDING Advanced Systems that's the easy part. That, and
> launching new and improved satellites, (Stupid Rocket Science is for
> Babies! Right?) That Big ol C.W. requirement will be the solid
> bastion against any unwanted foolish sort of person trying to gain
> entry to the Wonderful World of HAM, . . . Forever and a day! Ain't
> that right, `Good Buddy! . . SC? G'me a big ol' 10/4 there `Slow!
>
> The only thing that CW means is that one knows how to communicate
> via radio in the style which is reminisce of old telegraph lines from
> the early western era. Nothing more. It's like seeing somebody ride
> a hose dressed in a cowboy hat. . . You've GOT to have that damn Hat
> in order to ride a horse! Period! In the same way CW is to HAM Radio
> nowadays. Pretty stupid, huh?
>
> Hey, I got a good one for you all out there in `Net Land:
>
> Around my place, the HAMs are such a bunch of Butt-Heads that people
> wanting to learn how to code, TRAIN BY USING THE CB BANDS!!! You
> see, that way they don't get their butt's chewed out by people "Who
> Know Better" and are "Professionals in CW", and so they "Quit mucking
> up the bandwidth with their stupid banter!"
>
> Around these parts, I have to admit the CB'ers are a whole lot NICER
> group of people than the High and Mighty "Generals" and "Extras" ever
> thought of being. Just because they can tap out a code on a brass
> button with a tin shoe horn! How pathetic can one get! We might as
> well bring out some "Musical Spoons" too!
>
> SC, have you looked up the word "Moron" in the dictionary yet? Its
> really not what you think you know about it. Honest.

Moron: Anyone who replies to SC.

3012. Re: Origin of "Ham" (was Requirements to talk?)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 18:50:30 UTC
From: richardharrison@webtv.net
Message-ID: <347-456DD676-62@storefull-3251.bay.webtv.net>
Source record: 48885

Jeff wrote:
"Not sure I believe that;"

Amateurish efforts are often called "ham-handed". I`ll guess it just got shortened to "ham".

Best regards, Richard Harrison, KB5WZI

3013. Re: CP nearly spherical

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 19:04:01 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <BQkbh.20335$yV.2780@trnddc07>
Source record: 48886

"Walter Maxwell" <walt@w2du.com> wrote in message
news:8c4rm21satmmq7lppcp2v6kb9puhm4o93r@4ax.com...
> On Tue, 28 Nov 2006 08:55:14 +0100, SamSvL <samsvl@nlr.nl> wrote:
>
>>"Jerry Martes" <j.jmartes@verizon.net> wrote in
>>news:nPEah.15278$Uz.1717@trnddc05:
>>
>>>
>>> "SamSvL" <samsvl@nlr.nl> wrote in message
>>> news:Xns988862B35D055samsvlnlrnl@192.87.166.16...
>>>> Walter Maxwell <walt@w2du.com> wrote in
>>>> news:t5qem2hmrhgj6j6c19239u7pgojf2lg285@4ax.com:
>>>>
>>>>> On Thu, 23 Nov 2006 19:04:22 GMT, "Jerry Martes"
>>>>> <j.jmartes@verizon.net> wrote:
>>>>>
>>>>>>
>>>>>>"SamSvL" <samsvl@nlr.nl> wrote in message
>>>>>>news:Xns9884A6756F505samsvlnlrnl@192.87.166.15...
>>>>>>> What would be a good (free space, 1 GHz) antenna to achieve
>>>>>>> circular polarizarion with a nearly spherical coverage?
>>>>>>>
>>>>>>> Thanks,
>>>>>>>
>>>>>>> Sam
>>>>>>>
>>>>>>>
>>>>>> Hi Sam
>>>>>>
>>>>>> If you want "half spherical" coverage for receiving a circularly
>>>>>> polarized
>>>>>>signal, a turnstile is probably the easiest to build.
>>>>>> If your requirements for sensitivity are more stringent than the
>>>>>> turnstile
>>>>>>provides, a quadrafilar helix is excellant circular polarization.
>>>>>>
>>>>>> Jerry
>>>>>>
>>>>> Hi Sam,
>>>>>
>>>>> FYI, the quadrifilar helix comprises two bifilar helices fed in
>>>>> phase quadrature. The result is hemispherical radiation in the
>>>>> radiation sphere. But the hemispherical radiation results from the

>>>>> combined radiations from each bifilar helix. Consequently, radiation
>>>>> from a single bifilar helix is spherical, with the polizarization
>>>>> sense the same throughout the sphere, unlike the radiation from a
>>>>> turnstile, which radiates one polarization sense above the equator
>>>>> and the opposite sense below the equator, where the turnstile
>>>>> elements lie on the equator.
>>>>>
>>>>> You can find info on the bifilar helix in Chapter 22 of Reflections,
>>>>> eds 1 and 2. If you don't have a copy of Reflections available,
>>>>> Chapter 22 is available for downloading from my web page at
>>>>> www.w2du.com. Click on "Read Chapters from Reflections 2" and then
>>>>> click on 'Chapter 22, Quadrifilar Antenna'.
>>>>>
>>>>> Fig 22-5 shows the radiation pattern for the quadrifilar, but the
>>>>> radiation in the 180° direction is suppressed due to the effect of
>>>>> the second helix positioned 90° from the first helix, and fed in
>>>>> quadrature (90°) relative to the first. In the absence of the second
>>>>> helix the radiation from a single bifilar is spherical.
>>>>>
>>>>> Fig 22-8 shows a simple method of feeding the bifilar helix--it's
>>>>> called an 'infinite balun', because the current that would flow on
>>>>> the outside surface of the coax when feeding a doublet dipole
>>>>> without a balun is now flowing on the outside surface of the
>>>>> radiator, which is what we want.
>>>>>
>>>>> If you're interested in further info on the helices used in
>>>>> quadrifilars or bifilars, see the report on my R&D experiment on
>>>>> quadrifilars, in which I measured radiation patterns and driving
>>>>> point impedances on more than a thousand different configurations of
>>>>> the quadrifilar. The R&D report is available for downloading on my
>>>>> web page. Click first on "Read Appendices from Reflections 2", and
>>>>> then click on 'Appendix 13, RCA R&D Quadrifilar Helix Antenna'.
>>>>>
>>>>> Hope this helps,
>>>>>
>>>>> Walt Maxwell, W2DU
>>>>
>>>> Hi Walt,
>>>>
>>>> Thanks for your reaction. And yes, I found your articles already some
>>>> time ago. I missed the notes on the bifilar, but will study them
>>>> again carefully.
>>>>
>>>> Again, thanks,
>>>>
>>>> Sam
>>>
>>>
>>> Hi Sam

>>>
>>> I dont want to discourage your study of them, but, bifilar has
>>> significant
>>> nulls for CP.
>>>
>>> Jerry
>>>
>>>
>>> Jerry
>>Hi Jerry,
>>
>>The radiation pattern is doughnut shaped. You're right !
>>
>>sam
>
> Hi Sam & Jerry,
>
> I stand corrected, and thanks to both of you for detecting my error. As I
> told
> Sam, it's been 26 years since I worked on the QHA, and I simply forgot
> that the
> second bifilar fills in the null of the first, due to their quadrature
> relationship. Senior moments are arriving more frequently these days at
> age 88.
>
> Walt

Hi Walt

I dont consider your statement to be an error. I suspect the bifilar helix is the closest antenna configuration Sam could find. A casual forum like this group has to be able to cut some slack. You made sense to me.

Jerry

3014. Re: Shunt fed vertical?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 19:33:40 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <cumrm2he2blk1d0mtkrr4jebvv3q1t3fgl@4ax.com>
Source record: 48887

On Wed, 29 Nov 2006 11:31:01 -0500, John Ferrell
<johnferrell@sprintmail.com> wrote:

>Sorry for the confusing terminology but I am confused!

John,

For the moment, forget the term resonance, what it means, what is
resonant, and the importance or not of resonance.

Just make you objective a feedpoint Z = 50+j0.

>The testing I have done so far with this 28 foot antenna has been
>series fed. The results obtained have been consistant with the Eznec
>models.

Ok, I assume that means YOU have created and run the NEC models.

So now model the gamma match, initially with zero capacitance. The
diameters of the gamma arm and and the driven element, and spacing are
critical parameters, change them until you have the desired feedpoint
R. Then insert a capacitor at the feedpoint to offset the inductive
reactance in the feedpoint Z.

Then build it, and see if you can't make it work.

>
>I believe my current direction requires I puzzle out the Gamma match
>in Eznec.

That is probably a lot easier than suck it and see experiments.

Owen

PS: When you have done all that and it works, go back to thinking
about resonance, and take a system view. In EZNEC you could explore a
solution for the same operating frequency with a shorter vertical, say
25', design the gamma match for a 50+j0 feedpoint, compare the gain to
the longer model and answer the question of whether natural resonance
of the driven element alone (ie without the gamma arm) is critically
important to performance of the antenna system.
--

3015. Re: Shunt fed vertical? - DipoleGammaM.ez (0/1)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 20:24:37 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <hbqrm2lrdmgdrc8iect5hvtddoa3pgfbg5@4ax.com>
Source record: 48888

On Wed, 29 Nov 2006 19:33:40 GMT, Owen Duffy <owen@no.where> wrote:

>On Wed, 29 Nov 2006 11:31:01 -0500, John Ferrell
><johnferrell@sprintmail.com> wrote:
>
>
>>Sorry for the confusing terminology but I am confused!
>
>John,
>
>For the moment, forget the term resonance, what it means, what is
>resonant, and the importance or not of resonance.
>
>Just make you objective a feedpoint Z = 50+j0.
>
>>The testing I have done so far with this 28 foot antenna has been
>>series fed. The results obtained have been consistant with the Eznec
>>models.
>
>Ok, I assume that means YOU have created and run the NEC models.
>
>So now model the gamma match, initially with zero capacitance. The
>diameters of the gamma arm and and the driven element, and spacing are
>critical parameters, change them until you have the desired feedpoint
>R. Then insert a capacitor at the feedpoint to offset the inductive
>reactance in the feedpoint Z.
>
>Then build it, and see if you can't make it work.
>
>>
>>I believe my current direction requires I puzzle out the Gamma match
>>in Eznec.
>
>That is probably a lot easier than suck it and see experiments.
>
>Owen
>
>PS: When you have done all that and it works, go back to thinking
>about resonance, and take a system view. In EZNEC you could explore a
>solution for the same operating frequency with a shorter vertical, say
>25', design the gamma match for a 50+j0 feedpoint, compare the gain to
>the longer model and answer the question of whether natural resonance
>of the driven element alone (ie without the gamma arm) is critically
>important to performance of the antenna system.

A progress report:
I have not adapted your advice yet and I am going to have to break for a while to do some real work but here is where I am...
For ease in modeling I have a 2*28 foot (56 ft overall) free space dipole: This frees me from ground effects. I used #12 wire to simplify wire intersections. I have NOT experimented with spacing and wire diameters yet.

I will attempt to attach the Eznec file here in case anyone is interested.

TIP: to get a better view of the matching setup temporarily change the lengths of the +28 and -28 wires to 10 feet.
John Ferrell W8CCW

3016. 20m vertical dipole

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 20:42:43 UTC
From: Dave <dwbridges@cox.net>
Message-ID: <1164832963.599575.138750@j72g2000cwa.googlegroups.com>
Source record: 48889

Picture 2 fiberglass poles, each 16.5 feet long, mounted
horizontally on top of a 10 foot long wooden pole, with a dipole cut
for 20m strung between them. The coax feeding the dipole is taped to
the wooden pole. Picture this antenna on top of a building, then
position the antenna with the wooden pole parallel with the ground,
extending past the edge of the building, and the fiberglass poles
extended vertically. A vertical dipole! This is what I'm thinking of
putting together for a trip out to a friends lighthouse, and the end of
the lower element should be about 30 feet above the water. Being above
salt water, I'm expecting a takeoff angle of less than 10 degrees, and
hopefully closer to 3-5 (or less) for some DX work.
I've never built an HF antenna before, but I have had success with
a 4-element 2m quad I built years ago. Does this design look like it
will work? Any and all (well, most, at least) comments will be given
their appropriate attention. Thanks.

Dave

3017. (OT) Military tactical comms: Harris v. ITT

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 20:47:36 UTC
From: junius <junjunius@yahoo.com>
Message-ID: <1164833256.190422.246930@h54g2000cwb.googlegroups.com>
Source record: 48890
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.antenna

I realize this is off-topic, but I thought that perhaps some knowledgeable individual (preferably with hands-on experience with such equipment) could give me an informed opinion on how ITT's tactical radio products compare performance-wise to those of Harris Corporation. Specifically, I'd be interested in any opinions of the VHF performance of Harris's current Falcon II product line (e.g. AN/PRC-117) and ITT's current SINCGARS product line, which both see high usage in the US and other militaries worldwide. Not interested in Harris's edge where multi-band is concerned; only interested in opinions on VHF performance. Speaking specifically to those who have used such equipment, any preferences for the equipment of one of these radio manufacturers over the other? And why?

Any informed opinions with regard to performance, reliability, drawbacks, ease of use, etc etc would be most appreciated. In essence, in what areas would one have an advantage over the other?

Thought I'd pose the question here, since we have some very knowledgeable individuals in these groups, some with military experience...

Apologies for the off-topic nature of the query.

Regards,

Junius

3018. Re: Shunt fed vertical? - DipoleGammaM.ez (0/1)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 21:20:16 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <p1trm2h1ehoj0qmtgt958g42pq29u23229@4ax.com>
Source record: 48891

On Wed, 29 Nov 2006 15:24:37 -0500, John Ferrell
<johnferrell@sprintmail.com> wrote:

>For ease in modeling I have a 2*28 foot (56 ft overall) free space
>dipole: This frees me from ground effects. I used #12 wire to simplify
>wire intersections. I have NOT experimented with spacing and wire
>diameters yet.

Keep in mind that the less your model resembles the real antenna, then
the less the results are applicable.

I am not sure that your dipole in free space is better or even as good
as modelling the vertical over perfect ground as a first step.

If you are using a 28' #12 wire vertical, then it makes sense to model
that, but if you are using a self supporting tube or mast of much
larger diameter, then you are modelling something else.

Gamma matches become impractical when they call for extremely small
tuning capacitors, so your challenge is to find a solution that uses a
practical tuning capacitor.

Start the search with a low tap point, equal diameter conductors, and
wider spacing. Move the tap point up to increase R. Check the tuning
capacitor required. Explore the sensitivity to changes in all three +
driven element length.

Owen
--

3019. Re: 20m vertical dipole

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 21:32:24 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <0gurm29kv7a3742qcis4e2ago90cvb9tca@4ax.com>
Source record: 48892

On 29 Nov 2006 12:42:43 -0800, "Dave" <dwbridges@cox.net> wrote:

>Any and all (well, most, at least) comments will be given
>their appropriate attention. Thanks.

Hi Dave,

Sounds like a lot of work when gravity can do most of the fiberglass poles' job. Try a sleeve dipole (vertical, of course):

Take a coax and strip off 16.5 feet of its jacket;
Pull back the coax shield over itself (like taking off a sock from the top) back to the 16.5 foot mark and keep pulling it another 16.5 feet;
You now have an exposed inner conductor, and the coax shield rolled over 16.5 feet of jacketed coax (you need at least 33 feet of coax to do this). Feed this prepared coax with more coax (or simply use a very long coax with one connector at the transmitter).

This is where gravity comes to work:
Hang the inner/outer prepared coax over the end of the horizontal support, with the feed tracing along the horizontal support.

Same amount of wire, no need for the fiberglass and even if you may be closer to the waves, it hardly matters (unless you have 20 foot surf conditions).

73's
Richard Clark, KB7QHC

3020. Re: MI5 Persecution: A letter from MI5

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 22:11:49 UTC
From: Jerry <joxendi@bellsouth.net>
Message-ID: <5Dnbh.1604$Z74.1127@bignews1.bellsouth.net>
Source record: 48893
Cross-posted to:
rec.radio.amateur.antenna,hr.rec.glazba.snimanje,fur.artwork.erotica,de.etc.finanz.boerse,de.comp.lang.php.misc,uk.misc

<MI5-Victim@mi5.gov.uk> wrote in message news:m06102922030373@4ax.com...
>
> A letter from MI5
>
> I wrote to the Security Service stating that I wished to bring a complaint
> against their activities in my life. Here
> is their reply; "if you believe you have been the subject of inquiries by
> the Security Service or that the Security Service
> has done anything else in relation to you or your property, you may wish
> to apply to the Security Service Tribunal who are
> able to pursue these points on your behalf."
>
> Please see further items for replies from the Security Service Tribunal,
> and Interception of Communications Tribunal.
>
> 388
>
>
> --
> Posted via a free Usenet account from http://www.teranews.com

I say, old chap, blimey and all that sort of rot, why do you insist in
spamming the entire world?

J
>

3021. Re: 20m vertical dipole

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 22:17:29 UTC
From: sailtamarack@yahoo.ca
Message-ID: <1164838649.577463.170510@j72g2000cwa.googlegroups.com>
Source record: 48894

Richard,

You forgot to tell him about trimming the folded back coax shield in order to account for the reduction in velocity factor. The folded back shield and the coax outer shield have a dielectric constant between them that is based on the cable jacket material and a minimal air gap.

You covered this quite well in an earlier post you made:

http://www.archivum.info/rec.radio.amateur.antenna/2005-10/msg00373.html

The original posters idea was easy to build and will work quite well horizontally or vertically. He should put an RF choke (coax coil or ferrite beads) near the feedpoint in order to reduce the RF flowing on the outside shield of the cable.

Roger

Richard Clark wrote:
> On 29 Nov 2006 12:42:43 -0800, "Dave" <dwbridges@cox.net> wrote:
>
> >Any and all (well, most, at least) comments will be given
> >their appropriate attention. Thanks.
>
> Hi Dave,
>
> Sounds like a lot of work when gravity can do most of the fiberglass
> poles' job. Try a sleeve dipole (vertical, of course):
>
> Take a coax and strip off 16.5 feet of its jacket;
> Pull back the coax shield over itself (like taking off a sock from the
> top) back to the 16.5 foot mark and keep pulling it another 16.5 feet;
> You now have an exposed inner conductor, and the coax shield rolled
> over 16.5 feet of jacketed coax (you need at least 33 feet of coax to
> do this). Feed this prepared coax with more coax (or simply use a
> very long coax with one connector at the transmitter).
>
> This is where gravity comes to work:
> Hang the inner/outer prepared coax over the end of the horizontal
> support, with the feed tracing along the horizontal support.
>
> Same amount of wire, no need for the fiberglass and even if you may be
> closer to the waves, it hardly matters (unless you have 20 foot surf
> conditions).
>
> 73's

> Richard Clark, KB7QHC

3022. Tower height question (moved thread from tower pro NG)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 23:12:06 UTC
From: Merlin-7 KI4ILB <merlin-7@sc.rr.com>
Message-ID: <atobh.65629$HD6.42048@tornado.southeast.rr.com>
Source record: 48895

I will be moving my QTH next year some time and am planning my new tower.
I need to figure out the minimum height of the tower to work 10 thru 80 meter bands and 160 if possible. The tower I have now is only about 42' tall and I have good results from it. However I have nothing else to compare it with.
I can put up a dipole for each band but I think that there would be a lot of interaction between them.
Below is what I have now and I want to improve upon it however I want to limit my antennas to wire for now.
What height do you think I will need and at what height should I place each dipole? They will need to be inverted a bit.
Lets say that with the tower in the center, the ends of the wires and / or rope that holds up the wires is 20feet up and 120 feet from the center of the tower on each side.
X20'-------------tower-------------20'X

I like to play with wire antennas but let me explain my fan dipole in detail.
It has 3 elements a 66' a 33' and a 16' on each side of the feed point with an airwound choke at the feed point. It is not a normal fan. The wires are hung under each other with the longest on top and the shortest at bottom. They are spread apart 12 inches by pvc pipe, the first spreader is 18 inches from the feed point. The feed point is about 40' up and the end of the 66 footer is about 18'up. So the ends of the shorter wires are higher since they are hung under the 66 footer. (I hope I explained that well enough) I also have many buried radials that are also tied into the chainlink fence that runs about a square block (all my neighbors fences are tied together) I have worked Germany and several other places in Europe with it but I know I could do better with everyone's help here.

I want to do some long DX work limited to 100 watts on every band That I can.

The tower will be on a 1 acre lot but my sister owns 6 acres behind my lot and my parents own 2 acres to the right of my lot. So I have plenty of room for wire antennas and buried ground radials.

I can use one ladder line feed but the rest would need to be lmr 400 for hf and lmr 600 for uhf /vhf

Do you all think that I could get by with a 80 foot rhon 25g?

Ideas?

One more question, how will the guys effect the wire antennas? I do not think that I could afford poly guys.

73's Joe
KI4ILB

3023. Re: antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-29 23:28:17 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <ZuadnZV_Ad8SivPYnZ2dnUVZ_tidnZ2d@comcast.com>
Source record: 48896

GREY PVC

jawod wrote:
> Denny wrote:
>
>> This is not a forum for operating systems... Let us get back on
>> topic, folks...
>
>
> Still, a better topic to read than most of the dreck on here.
>
> I am homebrewing (if that term isn't overkill) a dipole and am using PVC
> joints...a T in the middle and straight connectors for the ends. Will
> these need to be treated (painted, etc) for UV protection?
>
> Richard, feel free to give this one a pass. :)
> You're a good guy, it's just that your prose borders on word salad
> sometimes (hold the pedantic dressing)
>
> John
> AB8O

3024. Re: 20m vertical dipole

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 00:01:07 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <1c7sm2dqttcgmvlc9c1fl5tf8c0m3akpr9@4ax.com>
Source record: 48897

On 29 Nov 2006 14:17:29 -0800, sailtamarack@yahoo.ca wrote:

>You forgot to tell him about trimming the folded back coax shield in
>order to account for the reduction in velocity factor. The folded back
>shield and the coax outer shield have a dielectric constant between
>them that is based on the cable jacket material and a minimal air gap.
>
>You covered this quite well in an earlier post you made:

Hi Roger,

I took a quick glance at your link, but I don't think I paid much attention to velocity factor (given all the variables). For all of a life of precision I've been devoted to, I can summarily toss off those issues (when data has already pounded me down with the weight of imponderables).

One way to approach this is to take SWR readings with the progressive rolling back of the shield over the lower jacketing. If someone could do this with a stepper motor, then we would have a new antenna design (new in the sense that it's new to/from me, and probably anticipated looooong ago).

73's
Richard Clark, KB7QHC

3025. Re: Shunt fed vertical? - DipoleGammaM.ez (0/1) - DipoleGammaM2.ez (0/1)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 00:17:44 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <h58sm2pq26dgp051e6qv6lariactmuh1pc@4ax.com>
Source record: 48898

On Wed, 29 Nov 2006 21:20:16 GMT, Owen Duffy <owen@no.where> wrote:

>On Wed, 29 Nov 2006 15:24:37 -0500, John Ferrell
><johnferrell@sprintmail.com> wrote:
>
>
>>For ease in modeling I have a 2*28 foot (56 ft overall) free space
>>dipole: This frees me from ground effects. I used #12 wire to simplify
>>wire intersections. I have NOT experimented with spacing and wire
>>diameters yet.
>
>Keep in mind that the less your model resembles the real antenna, then
>the less the results are applicable.
>
>I am not sure that your dipole in free space is better or even as good
>as modelling the vertical over perfect ground as a first step.
>
>If you are using a 28' #12 wire vertical, then it makes sense to model
>that, but if you are using a self supporting tube or mast of much
>larger diameter, then you are modelling something else.
>
>Gamma matches become impractical when they call for extremely small
>tuning capacitors, so your challenge is to find a solution that uses a
>practical tuning capacitor.
>
>Start the search with a low tap point, equal diameter conductors, and
>wider spacing. Move the tap point up to increase R. Check the tuning
>capacitor required. Explore the sensitivity to changes in all three +
>driven element length.
>
>Owen

Here is a better set of numbers. The antenna(s) involved are strictly
lab experiments. I have not worked out the details of putting the
source where I want it with a vertical, it would be in the ground
plane. The objective was to get a "feel" for the shunt match problem.
With your guidance I think I am on the right path.

My early conclusions (subject to change!) is that I don't want to put
too many resources into a grounded vertical antenna. It will be easier
in the future to match an insulated antenna. If one already has a
grounded tower available it might make good sense to shunt feed it.
John Ferrell W8CCW

3026. Re: Those wonderful TOYS!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 01:24:13 UTC
From: Tim Wescott <tim@seemywebsite.com>
Message-ID: <OImdnR8FQIknr_PYnZ2dnUVZ_sidnZ2d@web-ster.com>
Source record: 48899
Cross-posted to: alt.binaries.schematics.electronic,sci.electronics.cad,sci.electronics.design,sci.electronics.misc,comp.arch.embedded,rec.radio.amateur.homebrew,rec.radio.amateur.antenna,sci.electronics.repair

maxfoo wrote:

> GAWD, These kids nowadays have it made!
> Check out this kewl hotwheels radar gun on sale for $20.00 at Walmart.
> I wonder if it's accurate though, I might just pick one up and
> dissect it!!
> Anyone already get one of these, is it accurate? TIA
>
> http://www.walmart.com/catalog/product.do?product_id=4661205
>
>
>
So, can you bend it down a few hundred megahertz into the amateur 10GHz
band? Without spending more than you would for a Gunnplexer?

--

Tim Wescott
Wescott Design Services
http://www.wescottdesign.com

Posting from Google? See http://cfaj.freeshell.org/google/

"Applied Control Theory for Embedded Systems" came out in April.
See details at http://www.wescottdesign.com/actfes/actfes.html

3027. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 01:29:08 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <Etqbh.5482$1s6.4612@newsread2.news.pas.earthlink.net>
Source record: 48901
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.policy,rec.radio.amateur.antenna

gwatts <gwatts@frontiernet.net> wrote in
news:u8Wah.6331$Ka1.5324@news01.roc.ny:

> Slow Code wrote:
>> ... If you want to shit
>> your diaper, please take it to the CB group, or start up a new own
>> thread with Markie and Opus.
>>
>> SC
>
> Is this how you only start a thread and let everyone else keep it going?
>
> You're rapidly approaching pitiful.
>
> W8LNA

He wanted to push for dumbing down ham radio, and we can't let that happen
in a thread that wants to protect it.

SC

3028. Re: Aren't any of you going to help me?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 01:29:11 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <Htqbh.5484$1s6.3920@newsread2.news.pas.earthlink.net>
Source record: 48900
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

"Dee Flint" <deeflint01@comcast.net> wrote in
news:-fCdnattvLkdOfbYnZ2dnUVZ_oadnZ2d@comcast.com:

>
> "Slow Code" <my.mail@no.spam> wrote in message
> news:4jLah.4136$tM1.1859@newsread1.news.pas.earthlink.net...
>> I'm I the only one that wants quality hams?
>>
>> SC
>
> I'm an active elmer and work at helping all become quality hams.
>
> Dee, N8UZE

But if we push for good tests, new hams will have a leg up and we won't
have to elmer them as much and if we push for really really really good
tests, they can elmer us after they get licensed.

SC

3029. Re: Happy turkey day you no-code turkeys.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 01:29:16 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <Mtqbh.5487$1s6.1959@newsread2.news.pas.earthlink.net>
Source record: 48902
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

"JOHN D" <jawnd393one@yahoo.com> wrote in
news:KmTah.10681$d42.1104@trndny07:

>
> "Slow Code" <my.mail@no.spam> wrote in message
> news:hjLah.4145$tM1.1849@newsread1.news.pas.earthlink.net...
>> "JOHN D" <jawnd393one@yahoo.com> wrote in
>> news:evJ9h.6046$IW2.4244@trndny03:
>>
>> >
>> > Why am I wasteing my time brushing up on radio & electronic theory
>> > and studying schematics when, apparantly, all I need is better cw
>> > skills to enable me to fix my radios.
>>
>>
>> You need both to be a well balance operator. If you're willing and
>> motivated enough to be able to learn and communicate with CW, you're
>> also more likely to be motivated to advance yourself technically in
>> other areas of radio as well. You won't be one of those unmotivated
>> no-code appliance operators you hear on repeaters who spend their days
>> kerchunking all the machines in the area.
>>
>> SC
>
> I guess my 2m in the car qualifies as an appliance radio. My HF radios
> are
> mostly all old tube type. Real radios have a warm glow. I came upon a
> bargain that I couldn't pass up on a Yaesu FT-901. I'm still trying to
> decide if it's too new for me. I still practice with code tapes but I
> ain't getting much better but, I'm proud of my 5 wpm extra class
> licence. John

It says Extra class on your paper, but it's not a Real Extra class
license. They quit issuing those after restructuring. What you
got is a Welfare hand-out Extra.

SC

3030. Re: Happy turkey day you no-code turkeys.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 01:29:18 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <Otqbh.5488$1s6.267@newsread2.news.pas.earthlink.net>
Source record: 48903
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

Fred Furlly wrote in news:afcqm25ht3m5fsrc3uug3tkfv3aioaiqu0@4ax.com:

> On Tue, 28 Nov 2006 00:22:37 GMT, Slow Code <my.mail@no.spam> wrote:
>
>>"JOHN D" <jawnd393one@yahoo.com> wrote in
>>news:evJ9h.6046$IW2.4244@trndny03:
>>
>>>
>>> Why am I wasteing my time brushing up on radio & electronic theory and
>>> studying schematics when, apparantly, all I need is better cw skills
>>> to enable me to fix my radios.
>>
>>
>>You need both to be a well balance operator. If you're willing and
>>motivated enough to be able to learn and communicate with CW, you're
>>also more likely to be motivated to advance yourself technically in
>>other areas of radio as well. You won't be one of those unmotivated
>>no-code appliance operators you hear on repeaters who spend their days
>>kerchunking all the machines in the area.
>>
>>SC
>
> You are SOOOOO Full of yourself SC!
>
> You bet! Its a good thing to know Code, and darn right you are to
> be proud of Learning How to Code. . . But hey, wait a minute. . ..
> What the heck makes you now believe that just because YOU wanted it,
> and went out and learned how, that now EVERYBODY HAS TO LEARN IT TOO!?

You don't have to learn anything Fred. You can use FRS, Cell phones, and
11 meters.

SC

3031. Re: Laziness is no reason to destroy quality radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 01:29:24 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <Utqbh.5492$1s6.1695@newsread2.news.pas.earthlink.net>
Source record: 48904
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

"John Smith" <assemblywizard@gmail.com> wrote in
news:ekhpf0$2qt3$1@news.ndhu.edu.tw:

> Slow Idiot:
>
> 1) Get a life!
> 2) Get a news group! (might I suggest rec.radio.amateur.cw? Of course,
> you will have to found this new group.)
>
> I am sure there are just thousands waiting in the wings to join a
> newsgroup devoted to cw!
>
> JS

ROFL,

I bet it just pisses your lazy ass off you gotta learn something to get on
HF. Be happy, they dumbed things down for ya.

SC

3032. Re: Lets be RUDE and INSULT each OTHER for a change

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 01:29:26 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <Wtqbh.5493$1s6.108@newsread2.news.pas.earthlink.net>
Source record: 48905
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

"amdx" <amdx@knology.net> wrote in
news:1105c$456c8572$45011502$2981@KNOLOGY.NET:

>
> "Slow Code" <my.mail@no.spam> wrote in message
> news:ujLah.4154$tM1.3793@newsread1.news.pas.earthlink.net...
>> "amdx" <amdx@knology.net> wrote in
>> news:da011$45664c05$45011502$16738@KNOLOGY.NET:
>>
>>>
>>> "Charlie" <charlie@ease.biz> wrote in message
>>> news:12mc2o9nfu05s32@corp.supernews.com...
>>>> Enough IS enough children!! You all are acting like babies!
>>>>
>>>> Please people..let's let the Spirit of the Holidays prevail in our
>>>> hearts.
>>>>
>>>> --
>>>>
>>>> 73,Charlie-AD5TH (20 wpm Extra - 1995)
>>>> www.ad5th.com
>>>>
>>>>
>>> Well, uh, uh, slow code started it!
>>
>>
>> I most certainly did not start it. I'm the nicest person on usenet.
>>
>> I'm here to help guide and motive people on how they can make
>> themselves better radio amateurs, unfortunately, some of those I'm
>> trying to help prefer to be stupid and lazy, and they flame people that
>> try to help them and they are down right rude. You can see the no-code
>> license was a bad idea, we need to require all hams pass a code test to
>> bring intelligence and civility back to ham radio and the repeaters. I
>> prefer getting the code requirement back up to somewhere between 13 and
>> 20 wpm for all hams.
>>
>> SC
> Hi Slow Code,
> I don't normally open your posts (didn't note the sender this time)
> so I
> don't
> know if your the nicest person on usenet or a jerk. I do know that your

> posts
> seem to turn into arguments about personalities and disrupt the flow of
> helpful
> info that can pass on rec.radio.amateur.antenna.
> I think this newsgroup is dying a slow death and suspect many are
> leaving
> because
> of drivel such as yours. I know I have contemplated dropping
> rec.radio.amateur.antenna
> off of my list, there is just to much on the net to put up with much
> garbage.
>
>>>You can see the no-code license was a bad idea, we need to require all
>>>hams pass a
>>>code test to bring intelligence and civility back to ham radio and the
>>>repeaters.
>
> I have been listening to the hams bands for years and noted plenty of
> room
> for
> intelligence and civility, I don't think no-code has added in more room.
> The biggest problem I have noted is intentional interference on polite
> roundtable
> conversation.
> Hmm! That seems to be what you do, only you do it on multiple
> frequencies
> (newsgroups) at the same time.
> Mike

No one will enjoy being a ham with the bands totally sound like 11 meters.

SC

3033. Re: Origin of "Ham" (was Requirements to talk?)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 01:29:32 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <0uqbh.5496$1s6.2129@newsread2.news.pas.earthlink.net>
Source record: 48906
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Fred Furlly wrote in news:onaqm2lv96k74cheni9ue545hsgqt3qkrs@4ax.com:

> On Tue, 28 Nov 2006 09:12:24 -0800, "Caveat Lector" <CL@nowhere.com>
> wrote:
>
>>
>>> What the heck! Like I was told earler, it's the "Golden Rule". I
>>> just forgot about that, and tried to make sense of HAM.
>>
>>If you mean the origin of the word "Ham' the best guess is from the ARRL
>>"Ham: a poor operator. A 'plug.'"
>>
>>That's the definition of the word given in G. M. Dodge's The Telegraph
>>Instructor even before radio. The definition has never changed in wire
>>telegraphy. The first wireless operators were landline telegraphers who
>>left their offices to go to sea or to man the coastal stations. They
>>brought with them their language and much of the tradition of their
>>older profession.
>>
>>In those early days, spark was king and every station occupied the same
>>wavelength--or, more accurately perhaps, every station occupied the
>>whole spectrum with its broad spark signal. Government stations, ships,
>>coastal stations and the increasingly numerous amateur operators all
>>competed for time and signal supremacy in each other's receivers. Many
>>of the amateur stations were very powerful. Two amateurs, working across
>>town, could effectively jam all the other operators in the area. When
>>this happened, frustrated commercial operators would call the ship whose
>>weaker signals had been blotted out by the amateurs and say "SRI OM
>>THOSE #&$!@ HAMS ARE JAMMING YOU."
>>
>>Amateurs, possibly unfamiliar with the real meaning of the term, picked
>>it up and applied it to themselves in true "Yankee Doodle" fashion and
>>wore it with pride. As the years advanced, the original meaning has
>>completely disappeared.
>>
>>
>>
>>73 From CL
>>
>
> Hey! Way cool, CL! I Love trivia History.
>
> One can learn so much this way without all boring people to death

> with all the pointless and grueling details!
>
> As for the original meaning, I agree with you on that part; it's
> been forgotten and lost under the bed with the dust-bunnies of time.
> However, I believe your suspicion on the meaning is probably more than
> accurate, AND the "Spark-Gap" transmission gear of the earlier
> `Station Operators equipment list is quite true, which makes me stop
> and think about the more logical divergence of things, of which we
> nowadays find our selves in. . . If the Old Time Operators were
> outrageous scoundrels with their Spark-Gap technology, even if the
> technology failed to carry through to today times, the "noxious
> attitude about the ridiculous, mandatory 5 wpm Code requirement for
> licensing" has come through along with all the fervor and mind-numbing
> hatred towards humanity of these early-day "Phrekers". The personal
> need of these people to cram it into everybody's face in and rub it in
> hard, is still evident regardless of how pointless the issue has
> become with the REAL people in power.
>
> Dropping the requirement down to 5 WPM is purely ridiculous and
> pointless. It only reflects the attitude of petty tyrants. . . Or
> power crazed, pre-computer era, Spark-Gap, Phrekers. =)
>
> (That one was aimed Right at you S.C.) =) Pthttttttt!
>
> Bawhahahahaha!

If you don't want to be a capable and useful operator Fred, there's
always 11 meters you can go to. No tests required. Off you go.

SC

3034. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 01:32:49 UTC
From: "kb9rqz-3@hotmail.com" <kb9rqz-3@hotmail.com>
Message-ID: <1164850369.695044.254260@h54g2000cwb.googlegroups.com>
Source record: 48907
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.policy,rec.radio.amateur.antenna

Slow Code wrote:
> gwatts <gwatts@frontiernet.net> wrote in
> news:u8Wah.6331$Ka1.5324@news01.roc.ny:
>
> > Slow Code wrote:
> >> ... If you want to shit
> >> your diaper, please take it to the CB group, or start up a new own
> >> thread with Markie and Opus.
> >>
> >> SC
> >
> > Is this how you only start a thread and let everyone else keep it going?
> >
> > You're rapidly approaching pitiful.
> >
> > W8LNA
>
>
> He wanted to push for dumbing down ham radio, and we can't let that happen
> in a thread that wants to protect it.

nobdoy but the ProCode want Ham radio dumbed down

we are just trying to free Ham radio form the orible hamr done by the
ARRL with incentive licensing
>
> SC

3035. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 01:35:16 UTC
From: "kb9rqz-3@hotmail.com" <kb9rqz-3@hotmail.com>
Message-ID: <1164850516.549205.79940@j44g2000cwa.googlegroups.com>
Source record: 48908
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

Slow Code wrote:
> "JOHN D" <jawnd393one@yahoo.com> wrote in
> news:KmTah.10681$d42.1104@trndny07:

> It says Extra class on your paper, but it's not a Real Extra class
> license. They quit issuing those after restructuring. What you
> got is a Welfare hand-out Extra.

why do you hate the ARS?
>
> SC

3036. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 01:41:40 UTC
From: old freind <kb9rqz-4@hotmail.com>
Message-ID: <1164850900.042402.214320@16g2000cwy.googlegroups.com>
Source record: 48909
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Slow Code wrote:
> "John Smith" <assemblywizard@gmail.com> wrote in
> news:ekhpf0$2qt3$1@news.ndhu.edu.tw:
>
> > Slow Idiot:
> >
> > 1) Get a life!
> > 2) Get a news group! (might I suggest rec.radio.amateur.cw? Of course,
> > you will have to found this new group.)
> >
> > I am sure there are just thousands waiting in the wings to join a
> > newsgroup devoted to cw!
> >
> > JS
>
>
> ROFL,
>
> I bet it just pisses your lazy ass off you gotta learn something to get on
> HF. Be happy, they dumbed things down for ya.

then you lose your bet
>
> SC

3037. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 01:43:41 UTC
From: old freind <kb9rqz-4@hotmail.com>
Message-ID: <1164851021.691927.219600@16g2000cwy.googlegroups.com>
Source record: 48910
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

Slow Code wrote:
> "amdx" <amdx@knology.net> wrote in
> news:1105c$456c8572$45011502$2981@KNOLOGY.NET:
>

> > (newsgroups) at the same time.
> > Mike
>
>
> No one will enjoy being a ham with the bands totally sound like 11 meters.

then you don't enoy ham radio right now give it up
>
> SC

3038. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 01:46:14 UTC
From: old freind <kb9rqz-4@hotmail.com>
Message-ID: <1164851174.820075.193990@j72g2000cwa.googlegroups.com>
Source record: 48911
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Slow Code wrote:
> Fred Furlly wrote in news:onaqm2lv96k74cheni9ue545hsgqt3qkrs@4ax.com:
>
> > On Tue, 28 Nov 2006 09:12:24 -0800, "Caveat Lector" <CL@nowhere.com>
> > wrote:

>
> If you don't want to be a capable and useful operator Fred, there's
> always 11 meters you can go to. No tests required. Off you go.

or ham radio you are proof of that
>
> SC

3039. Re: Aren't any of you going to help me?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 02:13:37 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <l7rbh.5894$_H5.4748@tornado.texas.rr.com>
Source record: 48912
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

"Slow Code" <my.mail@no.spam> wrote in message
news:Htqbh.5484$1s6.3920@newsread2.news.pas.earthlink.net...
> "Dee Flint" <deeflint01@comcast.net> wrote in
> news:-fCdnattvLkdOfbYnZ2dnUVZ_oadnZ2d@comcast.com:
>
>>
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:4jLah.4136$tM1.1859@newsread1.news.pas.earthlink.net...
>>> I'm I the only one that wants quality hams?
>>>
>>> SC
>>
>> I'm an active elmer and work at helping all become quality hams.
>>
>> Dee, N8UZE
>
>
> But if we push for good tests, new hams will have a leg up and we won't
> have to elmer them as much and if we push for really really really good
> tests, they can elmer us after they get licensed.
>
> SC

You're an idiot. You can't learn. And BTW, Shut up, Stupid Chimp.

3040. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 02:28:58 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <KIrbh.5898$_H5.4204@tornado.texas.rr.com>
Source record: 48913
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap
Body handling: HTML body converted to readable text; Inline uuencoded payload not displayed: us.gif; Inline uuencoded payload not displayed: email.pgif?md5=31fb0db8720a7a479ee0d18335a181c6; Inline uuencoded payload not displayed: email.pgif?md5=3d7c97f9400f246e36c866d08b142fe5

```
"Slow Code" wrote in message
news:fjLah.4143$tM1.1155@newsread1.news.pas.earthlink.net...
> "U-Know-Who" wrote in
> news:Svs9h.2203$_H5.295@tornado.texas.rr.com:
>
>>
>> "Slow Code" wrote in message
>> news:E1s9h.2642$ql2.1992@newsread3.news.pas.earthlink.net...
>>> "U-Know-Who" wrote in
>>> news:Jo89h.2462$Gk5.1576@tornado.texas.rr.com:
>>>
>>>>
>>>> "Slow Code" wrote in message
>>>> news:Vx59h.2178$ql2.1579@newsread3.news.pas.earthlink.net...
>>>>> Joe Bloe wrote in
>>>>> news:oei7m2hhbvm46q3qmkkfl4k7ui4tdtqei9@4ax.com:
>>>>>
>>>>>> On Tue, 21 Nov 2006 00:54:50 GMT, Slow Code wrote:
>>>>>>
>>>>>>>"U-Know-Who" wrote in
>>>>>>>news:5lO7h.283$_H5.256@tornado.texas.rr.com:
>>>>>>>
>>>>>>>>
>>>>>>>> "Slow Code" wrote in message
>>>>>>>> news:1wN7h.626$sf5.622@newsread4.news.pas.earthlink.net...
>>>>>>>>> jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote in
>>>>>>>>> news:ej8knc$kn5$1@news.hawaii.edu:
>>>>>>>>>
>>>>>>>>>> John Smith wrote:
>>>>>>>>>>>Idiot, check your spelling, it's "group troll."
>>>>>>>>>>
>>>>>>>>>> Well, let's see if he ment "poll" or "troll":
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>> 0 2 4 6 8 10
>>>>>>>>>> /
>>>>>>>>>> /
>>>>>>>>>> /
>>>>>>>>>> /
>>>>>>>>>> /
```

>>>>>>>>>> /
>>>>>>>>>> /
>>>>>>>>>> /
>>>>>>>>>> POLL-O-METER
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>> So what appliances does everyone hope Santa brings them for Xmas?
>>>>>>>>>
>>>>>>>>> HF, VHF, UHF, KENWOOD, YAESU, ICOM, Cobra?
>>>>>>>>>
>>>>>>>>>
>>>>>>>>> I couldn't think of anything for myself, so I hope I just get a
>>>>>>>>> some componants and a new soldering iron for projects so I can
>>>>>>>>> keep moving forward in ham radio.
>>>>>>>>>
>>>>>>>>> SC
>>>>>>>>
>>>>>>>> And spell check for your PC. :-)
>>>>>>>
>>>>>>>
>>>>>>>Which one do you have? I want Santa to bring me a different one.
>>>>>>>The one you have doesn't work.
>>>>>>>
>>>>>>>SC
>>>>>>
>>>>>>
>>>>>> Clip and paste to "Word for Windows". . . It's got the best spell
>>>>>> checker in the market. Just leave it running in the backgrould and
>>>>>> call it up when you need to type out a letter or two.
>>>>>
>>>>>
>>>>> Thanks, I'll pass that on to U-Know-Who, but he probably don't have
>>>>> word, just computer games.
>>>>>
>>>>> SC
>>>>
>>>> I have Office Pro 2003
>>>
>>>
>>> WOW
>>>
>>> SC
>>
>> I ran your posts through it. It said to please excuse the idiot in
>> Colorado who can't afford a high-speed connection.
>
>
> Your CB radio not back from the repair shop so you got to attack real
> radio operators? I knew you went for those "easy-to-burn-up' Cobra and

> Galaxy brand appliances.
>
> Oh, and I don't live in colorado, I'm ya alls next door neighbor.
>
> Howdy Neighbor. Heee Heee Heeeeeeee!
> SC

IP Information 4.230.12.15
Record Type: IP Address
Cached Whois: Cached today
IP Location: United States - Texas - Houston - Level 3 Communications
Inc
Reverse DNS: dialup-4.230.12.15.Dial1.Houston1.Level3.net
Blacklist Status: Currently Listed (history)

Whois Record

OrgName: Level 3 Communications, Inc.
OrgID: LVLT
Address: 1025 Eldorado Blvd.
City: Broomfield
StateProv: CO
PostalCode: 80021
Country: US

NetRange: 4.0.0.0 - 4.255.255.255
CIDR: 4.0.0.0/8
NetName: LVLT-ORG-4-8
NetHandle: NET-4-0-0-0-1
Parent:
NetType: Direct Allocation
NameServer: NS1.LEVEL3.NET
NameServer: NS2.LEVEL3.NET
Comment:
RegDate:
Updated: 2004-06-04

OrgAbuseHandle: APL8-ARIN
OrgAbuseName: Abuse POC LVLT
OrgAbusePhone: +1-877-453-8353
OrgAbuseEmail:

OrgTechHandle: ARINC4-ARIN
OrgTechName: ARIN Contact
OrgTechPhone: +1-800-436-8489
OrgTechEmail:

OrgTechHandle: TPL1-ARIN
OrgTechName: Tech POC LVLT
OrgTechPhone: +1-877-453-8353
OrgTechEmail:

Better?

[Inline uuencoded payload not displayed: us.gif]

[Inline uuencoded payload not displayed: email.pgif?md5=31fb0db8720a7a479ee0d18335a181c6]

[Inline uuencoded payload not displayed: email.pgif?md5=3d7c97f9400f246e36c866d08b142fe5]


```
begin 666 email.pgif?md5=8ecfbf2a78e928d27cd9055f00d72b6c
MB5!.1PT*&@H````-24A$4@```*D````3! ,````9JC /````&%!,5$7___\`
M``"_O[_?W]^?GY]?7U]_?W\_/S\:VQM!```!=TE$051XG.V2RT[#,!!%KVPG
M_0W+!M:C.G1M4=-U!(1N+1Y99X/Z^UR;`"TJ0ETBL.1Z[#,^F70"_(_?-?Q>
M' $CWW&54M3I@"6!2?:8]6HOGH#FJ_6#M^,XJ><#]BRX&-<_U=T?L7Z,UI)?
M'AX)CU9'9NAQO9W4\++,.V!WB\5@\7)7>#,4OFU=GHKU+]#9NW(@UKX496>%S!^'+TR1_1M#[WC%5\XQFIU(I-?*_
Z
MH3CZOEH]6B"KM&&?LH-!!W1CDO9)\,0_=5TY?TW89,8ZC>N.3=T0UM9VQ5(B
MYBB;\VPU;+X/G1+$8N6V"P&:,P0[\PBC)+#ET#Z(MA[KNH.=K8Q\R8FU=.W%
M\'(('361"Y9"H\Q6*9Q6`L4=.BGG\(*R,-5S74PEFXZEGJW*B7(.FG/I+!?M
M+,!)`.
```

3041. Re: Coffee grounds and cookie crumbs make good teaching aids.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 02:30:31 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <bnrbh.5899$_H5.5186@tornado.texas.rr.com>
Source record: 48914
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

"Slow Code" <my.mail@no.spam> wrote in message
news:8jLah.4138$tM1.74@newsread1.news.pas.earthlink.net...
> "Sal M. Onella" <salmonella@food.poisoning.org> wrote in
> news:Wzv9h.3034$YY.2842@newsfe12.phx:
>
>>
>> "Old Time Ham" <old_fart@curmudgeons.com> wrote in message
>> news:ka-dnVNxSpLhKPjYnZ2dnUVZ_qOdnZ2d@comcast.com...
>>>
>>
>>> > I feel your pain. It must suck for you to have to live in Lid-ville.
>>> >
>>
>> it';s slow if you are a 5 WPM lid that has no
>>> pride in themselves, but for REAL Hams it is efficient, and fast.
>>
>> I just looked up "lid" - a poor operator, one who does not follow proper
>> procedures or sends sloppy Morse code. (Not me on either count. It's a
>> silly insult to throw around when you don't know somebody.)
>>
>> Moderator, can we rename this thread? I think "Mode Rage" sounds right.
>>
>> (If it keeps going, I can claim that you're not real hams if you don't
>> do Amateur TV at 1.2 GHz. Then what?)
>
>
> No Sal, You'd still be a retard. Doing ATV doesn't any require skill, and
> it doesn't have it own test element either. A CB'er could go ATV, maybe
> thats why you're good at it.
>
> Come back after you learn CW to 20 wpm, and I'll pat you on the back and
> say "Welcome to Ham radio, Well Done."
>
> SC

Did you forget about that customary nut licking thing you do to CW
operators?

3042. Re: Aren't any of you going to help me?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 02:32:00 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <eklg2l$9k7$1@aioe.org>
Source record: 48915
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

Slow Code wrote:
> "Dee Flint" <deeflint01@comcast.net> wrote in
> news:-fCdnattvLkdOfbYnZ2dnUVZ_oadnZ2d@comcast.com:
>
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:4jLah.4136$tM1.1859@newsread1.news.pas.earthlink.net...
>>> I'm I the only one that wants quality hams?
>>>
>>> SC
>> I'm an active elmer and work at helping all become quality hams.
>>
>> Dee, N8UZE
>
>
> But if we push for good tests, new hams will have a leg up and we won't
> have to elmer them as much and if we push for really really really good
> tests, they can elmer us after they get licensed.
>
> SC

Slow Idiot:

You must be the most vile, degraded, despicable, disgusting pos (pos = piece of chit) which ever fooled their vec and obtained a license. You are disgusting beyond description. I pity your neighbors, I believe they have ALL had problems with you, I believe the police, sheriff and county officials in your county all know you. I bet your children despise you, if your wife is still with you--she is a saint! You are not just a lightweight idiot, you are a complete idiot. You do the name IDIOT! much service, you never cease to be complete and an ideal example of an IDIOT. I bet some here do not realize how much you tax the services of city, county and state with your ridiculous and childish behaviors, wants, fits, temper tantrums, generally foolish behavior, etc.

You would truly be a very funny joke, if you were not such an example of human depravity. You remind me of the disgust I feel when I see child molesters and people masturbating in public, drunks, hopeless alcoholics and drug addicts, disease infested whores, etc.

I would truly like to leave you with a picture of how disgusting, reviling, sick and putrid an individual I view you as, but mere words could never paint a proper and complete example. You are beyond words, you are beyond my most vilest visions of disgust, you are a pinnacle of chit!

Now, all that said, I think you are pulling our legs, no one could possibly be so disgusting and stupid--you are just pretending! <grin>

JS

3043. Re: Laziness is no reason to destroy quality radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 03:05:09 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ekli0o$13gm$1@news.ndhu.edu.tw>
Source record: 48916
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

SI (Slow Idiot):

U R an ideal idiot, a pinnacle of an example of an idiot, even
professional idiots worship at your feet...

JS

"Slow Code" <my.mail@no.spam> wrote in message
news:Utqbh.5492$1s6.1695@newsread2.news.pas.earthlink.net...
> "John Smith" <assemblywizard@gmail.com> wrote in
> news:ekhpf0$2qt3$1@news.ndhu.edu.tw:
>
> > Slow Idiot:
> >
> > 1) Get a life!
> > 2) Get a news group! (might I suggest rec.radio.amateur.cw? Of
course,
> > you will have to found this new group.)
> >
> > I am sure there are just thousands waiting in the wings to join a
> > newsgroup devoted to cw!
> >
> > JS
>
>
> ROFL,
>
> I bet it just pisses your lazy ass off you gotta learn something to
get on
> HF. Be happy, they dumbed things down for ya.
>
> SC

3044. Re: Feeding a 4 bay vertical folded dipole

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 03:28:06 UTC
From: w9gb <spam_protect@arrl.net>
Message-ID: <QbOdnWfM4sFQ0vPYnZ2dnUVZ_r-dnZ2d@comcast.com>
Source record: 48917

"N4aeq" <tucker@conninc.com> wrote in message
news:1164808890.567259.210110@14g2000cws.googlegroups.com...
> I need to build a 4 bay folded dipole like the one use on vhf/uhf
> repeaters. The folded dipole is easy
> enough to figure out but how do you get the 4 - 300ohm dipoles to
> combine to one 50ohm feedline,
> I have looked close as i can at these and there is no combiner but it
> looks like maybe some coax
> phasing stubs or lengths of coax inside the antenna support mask?
>

The ARRL book, FM and Repeaters (1970s) included information on building a
"phasing harness".

Kevin Custer, K3KKC has some of this information at his Repeater Builder web
site:
http://www.repeater-builder.com/rbtip/exposeddipole.html

w9gb

3045. Re: Feeding a 4 bay vertical folded dipole

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 03:39:25 UTC
From: w9gb <spam_protect@arrl.net>
Message-ID: <n7udnbG-24ftz_PYnZ2dnUVZ_rCdnZ2d@comcast.com>
Source record: 48918

"N4aeq" <tucker@conninc.com> wrote in message
news:1164808890.567259.210110@14g2000cws.googlegroups.com...
> I need to build a 4 bay folded dipole like the one use on vhf/uhf
> repeaters. The folded dipole is easy
> enough to figure out but how do you get the 4 - 300ohm dipoles to
> combine to one 50ohm feedline,
> I have looked close as i can at these and there is no combiner but it
> looks like maybe some coax
> phasing stubs or lengths of coax inside the antenna support mask?
>

Here is a great UHF solution (DB Products commercial 4-bay antenna) -- nice
price
DB Products phasing harness for 4 bay UHF dipole, New in box. 455.0 MHz
center frequency. $50.
http://www.ipass.net/hockaday/com.html

gb

3046. Re: Laziness is no reason to destroy quality radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 04:18:23 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <eklma1$1kja$1@news.ndhu.edu.tw>
Source record: 48919
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Slow Idiot:

I am going to do you a BIG favor. You didn't know I was psychic, did you? Well, I am, let me give you a reading...

You are the kind of guy who impresses young children, old women, and mentally and technically challenged individuals. You realize that you have that special autistic ability of being able to rap out, and quite profusely--probably, those taps in code. You were quick to realize that individuals with low self esteem, persons of low self-worth and individuals seeming to lack any skills what-so-ever were VERY impressed by such an ability--of course these individuals also failed to realize just how stupid it was to "hero worship" such a trivial ability.

However, for one such as you, un-remarkable in all other ways type of guy, no great IQ, no other real skills or abilities, a general inability to get along in the general society, etc... for you, this was a way of "feeling special." But, it came at a price, it blinded you to how simple others with real abilities, high IQ's, great skills, good social abilities, etc. viewed you. You simply shut your ears, your eyes and your mind to reality; you finally reached a point where you were unable to care, to see... You came to live in your "special world" where you are quite special, talented, skilled, etc. You live there now, you think you enlighten us with your wasted "text verbiage" here, you draw upon others good will and tolerance, you keep thinking you have a great message to impart to us. That soon a revelation will strike us and we will all recognize you for the great man you think you are...

This story goes on and on, indeed, it appears as if it is one of those special, un-ending story with you painted as lead hero, painted as such by you, yourself--of course... well, even you can see where I am going with all of this. And, you know it is true. You know we will be watching your behavior in sheer unbelief and amazement, you realize you really do look quite stupid. You realize you have painted yourself into a corner which you cannot escape. And, it dawns upon you, you have nothing to lose, all credibility is lost--you may as well continue on your present course--there is nothing to be lost--it has already been gone for quite a time... still, your only two choices is facing your peers disgust, or quitting, and I am betting you just can't quit. I have never seen an individual like you who was able...

Good luck...

P.S. I am really not psychic--but you already knew that... It is just that such small intellect as you display is simple to define... but you

knew that--already. You are simply trapped by the particular mental disorder which plagues you, your world is small and therefore you expect it to be so for all others. You are now but an actor on a stage--your part has already been written, you now only perform your part... a limited performance, a small performance, a vile performance, but still--it is yours, and it tells a much larger picture about you--how much better it would be if performed for people who actually cared...

JS

"Slow Code" <my.mail@no.spam> wrote in message
news:Utqbh.5492$1s6.1695@newsread2.news.pas.earthlink.net...
> "John Smith" <assemblywizard@gmail.com> wrote in
> news:ekhpf0$2qt3$1@news.ndhu.edu.tw:
>
> > Slow Idiot:
> >
> > 1) Get a life!
> > 2) Get a news group! (might I suggest rec.radio.amateur.cw? Of
course,
> > you will have to found this new group.)
> >
> > I am sure there are just thousands waiting in the wings to join a
> > newsgroup devoted to cw!
> >
> > JS
>
>
> ROFL,
>
> I bet it just pisses your lazy ass off you gotta learn something to
get on
> HF. Be happy, they dumbed things down for ya.
>
> SC

3047. Re: Coffee grounds and cookie crumbs make good teaching aids.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 04:55:49 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <pvtbh.580$Vu4.548@newsfe10.phx>
Source record: 48920
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

{Caught on a "U-Know-Who" quoteback; I have this guy blocked.]

"Slow Code" <my.mail@no.spam> wrote in message
>
> No Sal, You'd still be a retard. Doing ATV doesn't any require skill, and
> it doesn't have it own test element either. A CB'er could go ATV, maybe
> thats why you're good at it.
>
> Come back after you learn CW to 20 wpm, and I'll pat you on the back and
> say "Welcome to Ham radio, Well Done."

Better to keep your hands to yourself. I don't know where they've been.

3048. Re: Laziness is no reason to destroy quality radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 05:05:22 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <mEtbh.5945$_H5.2920@tornado.texas.rr.com>
Source record: 48921
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

"John Smith" <assemblywizard@gmail.com> wrote in message
news:eklma1$1kja$1@news.ndhu.edu.tw...
> Slow Idiot:
>
> I am going to do you a BIG favor. You didn't know I was psychic, did
> you? Well, I am, let me give you a reading...
>
> You are the kind of guy who impresses young children, old women, and
> mentally and technically challenged individuals. You realize that you
> have that special autistic ability of being able to rap out, and quite
> profusely--probably, those taps in code. You were quick to realize that
> individuals with low self esteem, persons of low self-worth and
> individuals seeming to lack any skills what-so-ever were VERY impressed
> by such an ability--of course these individuals also failed to realize
> just how stupid it was to "hero worship" such a trivial ability.
>
> However, for one such as you, un-remarkable in all other ways type of
> guy, no great IQ, no other real skills or abilities, a general inability
> to get along in the general society, etc... for you, this was a way of
> "feeling special." But, it came at a price, it blinded you to how
> simple others with real abilities, high IQ's, great skills, good social
> abilities, etc. viewed you. You simply shut your ears, your eyes and
> your mind to reality; you finally reached a point where you were unable
> to care, to see... You came to live in your "special world" where you
> are quite special, talented, skilled, etc. You live there now, you
> think you enlighten us with your wasted "text verbiage" here, you draw
> upon others good will and tolerance, you keep thinking you have a great
> message to impart to us. That soon a revelation will strike us and we
> will all recognize you for the great man you think you are...
>
> This story goes on and on, indeed, it appears as if it is one of those
> special, un-ending story with you painted as lead hero, painted as such
> by you, yourself--of course... well, even you can see where I am going
> with all of this. And, you know it is true. You know we will be
> watching your behavior in sheer unbelief and amazement, you realize you
> really do look quite stupid. You realize you have painted yourself into
> a corner which you cannot escape. And, it dawns upon you, you have
> nothing to lose, all credibility is lost--you may as well continue on
> your present course--there is nothing to be lost--it has already been
> gone for quite a time... still, your only two choices is facing your
> peers disgust, or quitting, and I am betting you just can't quit. I
> have never seen an individual like you who was able...
>

> Good luck...
>
> P.S. I am really not psychic--but you already knew that... It is just
> that such small intellect as you display is simple to define... but you
> knew that--already. You are simply trapped by the particular mental
> disorder which plagues you, your world is small and therefore you expect
> it to be so for all others. You are now but an actor on a stage--your
> part has already been written, you now only perform your part... a
> limited performance, a small performance, a vile performance, but
> still--it is yours, and it tells a much larger picture about you--how
> much better it would be if performed for people who actually cared...
>
> JS
>
>

Bingo!!!!!

3049. Re: Coffee grounds and cookie crumbs make good teaching aids.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 05:07:37 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <tGtbh.5946$_H5.3017@tornado.texas.rr.com>
Source record: 48922
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

"Sal M. Onella" <salmonella@food.poisoning.org> wrote in message
news:pvtbh.580$Vu4.548@newsfe10.phx...
> {Caught on a "U-Know-Who" quoteback; I have this guy blocked.]
>
> "Slow Code" <my.mail@no.spam> wrote in message
>>
>> No Sal, You'd still be a retard. Doing ATV doesn't any require skill, and
>> it doesn't have it own test element either. A CB'er could go ATV, maybe
>> thats why you're good at it.
>>
>> Come back after you learn CW to 20 wpm, and I'll pat you on the back and
>> say "Welcome to Ham radio, Well Done."
>
> Better to keep your hands to yourself. I don't know where they've been.
>
>

He does have that male orgasm radio fetish that he keeps referring to
constantly. I know what you mean.

3050. Re: FM Transmitter for CD Players?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 05:08:53 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <FHtbh.624$Vu4.426@newsfe10.phx>
Source record: 48923

Ramsey has FM kits that are easy to build and, after I did three of them,
reliable. I think I did the FM-10C.
http://www.ramseyelectronics.com/hk/default.asp?page=amfm

In San Diego, Gateway Electronics sells them off the shelf. If you have a
medium to large elex store nearby, inquire.

73

"W. Watson" <wolf_tracks@invalid.com> wrote in message
news:kcfbh.5246$1s6.1105@newsread2.news.pas.earthlink.net...
> I just bought an MW FM transmitter that is battery powered. It allows one
to
> hook up the output of, say, a CD player to the headphone output, and
> transmit the signal to select FM bands. This is fine for the most part,
but
> I'm wondering if there are units that have wall warts for power?
>
> Wayne T. Watson (Watson Adventures, Prop., Nevada City, CA)
> (121.015 Deg. W, 39.262 Deg. N) GMT-8 hr std. time)
> Obz Site: 39&#65533; 15' 7" N, 121&#65533; 2' 32" W, 2700 feet
> --
> "I have made this letter [e-mail] a rather long one, only
> because I didn't have the lesiure to make it shorter."
> -- Blaise Pascal
> Web Page: <home.earthlink.net/~mtnviews>
>

3051. Re: Laziness is no reason to destroy quality radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 06:37:13 UTC
From: Opus- <jbuchy@shaw.ca>
Message-ID: <jhusm2d3a5b5kfribgv25k6bqm0d3dvam8@4ax.com>
Source record: 48924
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Wed, 29 Nov 2006 20:18:23 -0800, "John Smith"
<assemblywizard@gmail.com> spake thusly:

>Slow Idiot:
>
>I am going to do you a BIG favor. You didn't know I was psychic, did
>you? Well, I am, let me give you a reading...
>
>You are the kind of guy who impresses young children, old women, and
>mentally and technically challenged individuals. You realize that you
>have that special autistic ability of being able to rap out, and quite
>profusely--probably, those taps in code. You were quick to realize that
>individuals with low self esteem, persons of low self-worth and
>individuals seeming to lack any skills what-so-ever were VERY impressed
>by such an ability--of course these individuals also failed to realize
>just how stupid it was to "hero worship" such a trivial ability.
>
>However, for one such as you, un-remarkable in all other ways type of
>guy, no great IQ, no other real skills or abilities, a general inability
>to get along in the general society, etc... for you, this was a way of
>"feeling special." But, it came at a price, it blinded you to how
>simple others with real abilities, high IQ's, great skills, good social
>abilities, etc. viewed you. You simply shut your ears, your eyes and
>your mind to reality; you finally reached a point where you were unable
>to care, to see... You came to live in your "special world" where you
>are quite special, talented, skilled, etc. You live there now, you
>think you enlighten us with your wasted "text verbiage" here, you draw
>upon others good will and tolerance, you keep thinking you have a great
>message to impart to us. That soon a revelation will strike us and we
>will all recognize you for the great man you think you are...
>
>This story goes on and on, indeed, it appears as if it is one of those
>special, un-ending story with you painted as lead hero, painted as such
>by you, yourself--of course... well, even you can see where I am going
>with all of this. And, you know it is true. You know we will be
>watching your behavior in sheer unbelief and amazement, you realize you
>really do look quite stupid. You realize you have painted yourself into
>a corner which you cannot escape. And, it dawns upon you, you have
>nothing to lose, all credibility is lost--you may as well continue on
>your present course--there is nothing to be lost--it has already been
>gone for quite a time... still, your only two choices is facing your
>peers disgust, or quitting, and I am betting you just can't quit. I
>have never seen an individual like you who was able...

>
>Good luck...
>
>P.S. I am really not psychic--but you already knew that... It is just
>that such small intellect as you display is simple to define... but you
>knew that--already. You are simply trapped by the particular mental
>disorder which plagues you, your world is small and therefore you expect
>it to be so for all others. You are now but an actor on a stage--your
>part has already been written, you now only perform your part... a
>limited performance, a small performance, a vile performance, but
>still--it is yours, and it tells a much larger picture about you--how
>much better it would be if performed for people who actually cared...

It's ironic how he thumps his chest, claiming to be the bearer of all
that is good and true in the ARS yet he directly and blatantly
violates the very standards he champions. For example, the very fact
that he uses completely off-topic newsgroups as his soap box is
exactly the same as operating a radio on completely un-authorized
frequencies and power levels. His mental disorder prevents him from
seeing this.

It's quite sad, really. We should pity him.

--
Opus62@gmail.com
(Jim, single dad to Lesleigh [Autistic] 04/20/94)

"What, Me Worry?" A. E. Newman

Please note: All unsolicited e-mail sent to me may, at
my discretion, be posted in this newsgroup verbatim.

3052. Re: Coffee grounds and cookie crumbs make good teaching aids.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 07:24:11 UTC
From: Mark@kb9rqz.aprs
Message-ID: <un1tm2lb1o0gpa3mfv3me6fkc942uq0t83@4ax.com>
Source record: 48925
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

On Wed, 29 Nov 2006 20:55:49 -0800, "Sal M. Onella"
<salmonella@food.poisoning.org> wrote:

>{Caught on a "U-Know-Who" quoteback; I have this guy blocked.]
>
>"Slow Code" <my.mail@no.spam> wrote in message
>>
>> No Sal, You'd still be a retard. Doing ATV doesn't any require skill, and
>> it doesn't have it own test element either. A CB'er could go ATV, maybe
>> thats why you're good at it.
>>
>> Come back after you learn CW to 20 wpm, and I'll pat you on the back and
>> say "Welcome to Ham radio, Well Done."
>
>Better to keep your hands to yourself. I don't know where they've been.
indeed he should with his generous nature one might wish to sterlize
them with fire
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3053. Re: Laziness is no reason to destroy quality radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 07:25:48 UTC
From: Mark@kb9rqz.aprs
Message-ID: <0q1tm2hkp9cu95bl09rtb6evoq294bv30c@4ax.com>
Source record: 48776
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Thu, 30 Nov 2006 06:37:13 GMT, Opus- <jbuchy@shaw.ca> wrote:

>On Wed, 29 Nov 2006 20:18:23 -0800, "John Smith"
><assemblywizard@gmail.com> spake thusly:
>
>>Slow Idiot:
>>
>>I am going to do you a BIG favor. You didn't know I was psychic, did
>>you? Well, I am, let me give you a reading...
>>
>>You are the kind of guy who impresses young children, old women, and
>>mentally and technically challenged individuals. You realize that you
>>have that special autistic ability of being able to rap out, and quite
>>profusely--probably, those taps in code. You were quick to realize that
>>individuals with low self esteem, persons of low self-worth and
>>individuals seeming to lack any skills what-so-ever were VERY impressed
>>by such an ability--of course these individuals also failed to realize
>>just how stupid it was to "hero worship" such a trivial ability.
>>
>>However, for one such as you, un-remarkable in all other ways type of
>>guy, no great IQ, no other real skills or abilities, a general inability
>>to get along in the general society, etc... for you, this was a way of
>>"feeling special." But, it came at a price, it blinded you to how
>>simple others with real abilities, high IQ's, great skills, good social
>>abilities, etc. viewed you. You simply shut your ears, your eyes and
>>your mind to reality; you finally reached a point where you were unable
>>to care, to see... You came to live in your "special world" where you
>>are quite special, talented, skilled, etc. You live there now, you
>>think you enlighten us with your wasted "text verbiage" here, you draw
>>upon others good will and tolerance, you keep thinking you have a great
>>message to impart to us. That soon a revelation will strike us and we
>>will all recognize you for the great man you think you are...
>>
>>This story goes on and on, indeed, it appears as if it is one of those
>>special, un-ending story with you painted as lead hero, painted as such
>>by you, yourself--of course... well, even you can see where I am going
>>with all of this. And, you know it is true. You know we will be
>>watching your behavior in sheer unbelief and amazement, you realize you
>>really do look quite stupid. You realize you have painted yourself into
>>a corner which you cannot escape. And, it dawns upon you, you have
>>nothing to lose, all credibility is lost--you may as well continue on
>>your present course--there is nothing to be lost--it has already been
>>gone for quite a time... still, your only two choices is facing your

>>peers disgust, or quitting, and I am betting you just can't quit. I
>>have never seen an individual like you who was able...
>>
>>Good luck...
>>
>>P.S. I am really not psychic--but you already knew that... It is just
>>that such small intellect as you display is simple to define... but you
>>knew that--already. You are simply trapped by the particular mental
>>disorder which plagues you, your world is small and therefore you expect
>>it to be so for all others. You are now but an actor on a stage--your
>>part has already been written, you now only perform your part... a
>>limited performance, a small performance, a vile performance, but
>>still--it is yours, and it tells a much larger picture about you--how
>>much better it would be if performed for people who actually cared...
>
>It's ironic how he thumps his chest, claiming to be the bearer of all
>that is good and true in the ARS yet he directly and blatantly
>violates the very standards he champions. For example, the very fact
>that he uses completely off-topic newsgroups as his soap box is
>exactly the same as operating a radio on completely un-authorized
>frequencies and power levels. His mental disorder prevents him from
>seeing this.
>
>It's quite sad, really. We should pity him.

let me assure I do pity him

I would and perhaps fell more sympathy for him but being one of his
favorite targets I find I can not mange may god forgive me
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3054. Texas CB Forum

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 07:26:37 UTC
From: DJboutit <Recordking@Hotmail.com>
Message-ID: <NIvbh.10314$Gk5.4098@tornado.texas.rr.com>
Source record: 48777

[No readable article body recovered]

3055. Re: Just listen to CB if you want to know what ham radio will sound like.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 09:10:24 UTC
From: JOHN D <jawnd393one@yahoo.com>
Message-ID: <4exbh.8880$Kw2.30@trndny05>
Source record: 48778
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

"Slow Code" <my.mail@no.spam> wrote in message
news:T1s9h.2650$ql2.1375@newsread3.news.pas.earthlink.net...
>
>
> We need to keep the CW requirement and increase it. We shouldn't let ham
> radio get dumbed down again.
>
> SC

It doesn't take a damn bit of knowlege of electronics, radio, propagation or
regulations to learn cw.
So how is cw gonna prevent the dumbing down of ham radio.
Why are you not stressing a need for better testing for technical
competentcy to prevent the dumbing down?
There are a lot of engineers, technicians and hobbyists who allready know
electronics who might be interested amateur radio, but don't have time or
interest to fool around learning code. Once licenced some, maybe many, of
these people would develope an interest in cw.

3056. Re: FS: 1992 Classic Sports "Mark Messier" Limited Edition Print

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 09:28:04 UTC
From: brian.burp@yahoo.com
Message-ID: <1164878883.973677.92410@l39g2000cwd.googlegroups.com>
Source record: 48779
Cross-posted to: rec.collecting.sport.hockey,rec.radio.cb,alt.usenet.kooks,rec.radio.amateur.policy,rec.radio.amateur.antenna

jrsinc@mnsi.net wrote:
> 1992 Classic Sports "Mark Messier" Limited Edition Print
>
> I have for sale the 1992 Classic Sports 11" x 14 1/2" full-color,
> Limited
> Edition print of New York Ranger's Mark Messier. The print features
> Mark
> Messier in three action poses, one wearing his blue, with red and white
> trim
> Rangers' uniform, and two poses wearing his white, with red and blue
> trim
> Rangers' uniform.
> The 1992 Classic Limited Numbered Edition Print is artist signed in the
> Limited Worldwide Edition of 5000.
> The Mark Messier Limited Edition Print is in MINT condition.
> Price $15. US plus postage
>
> Please include your "postal mailing address" so I can calculate postage
> costs to your destination. Thank you

i have a pic of marqueer at a petro bathroom shower on his knees
swollowing a nigger cock

3057. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 09:33:45 UTC
From: "kb9rqz-1@hotmail.com" <kb9rqz-1@hotmail.com>
Message-ID: <1164879225.259238.24460@n67g2000cwd.googlegroups.com>
Source record: 48780
Cross-posted to: rec.collecting.sport.hockey,rec.radio.cb,rec.radio.amateur.policy,rec.radio.amateur.antenna

brian.b...@yahoo.com wrote:
>
fraud
> i have a pic of marqueer at a petro bathroom shower on his knees
> swollowing a nigger cock

nope if you had tried an army shower it might be POSSIBLE but indeed if
you did who the hell care?

3058. Re: fagathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 09:37:16 UTC
From: brian.burp@yahoo.com
Message-ID: <1164879436.141106.234190@14g2000cws.googlegroups.com>
Source record: 48781
Cross-posted to: alt.usenet.kooks,rec.collecting.sport.hockey,rec.radio.cb,rec.radio.amateur.policy,rec.radio.amateur.antenna

kb9rqz-1@hotmail.com wrote:
> brian.b...@yahoo.com wrote:
> >
> fraud
> > i have a pic of marqueer at a petro bathroom shower on his knees
> > swollowing a nigger cock
>
> nope if you had tried an army shower it might be POSSIBLE but indeed if
> you did who the hell care?

you nasty cum slurper

3059. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 10:08:19 UTC
From: "kb9rqz-2@hotmail.com" <kb9rqz-2@hotmail.com>
Message-ID: <1164881299.159410.283610@80g2000cwy.googlegroups.com>
Source record: 48782
Cross-posted to: alt.military.cap,rec.collecting.sport.hockey,rec.radio.cb,rec.radio.amateur.policy,rec.radio.amateur.antenna

```
brian.burp@yahoo.com wrote:
> kb9rqz-1@hotmail.com wrote:
> > brian.b...@yahoo.com wrote:
> > >
> > fraud
> > > i have a pic of marqueer at a petro bathroom shower on his knees
> > > swollowing a nigger cock
> >
> > nope if you had tried an army shower it might be POSSIBLE but indeed if
> > you did who the hell care?
>
> you nasty cum slurper
the work of Robeson your major
```

3060. Re: Shunt fed vertical? - DipoleGammaM.ez (0/1) - DipoleGammaM2.ez (0/1)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 11:59:56 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1164887996.129289.44240@l12g2000cwl.googlegroups.com>
Source record: 48783

I have a grounded, 130 foot tower... Not being a fan of shunt feed I use leaning-L dipoles that use the tower for a reflector - or an open sleeve coupled radiator - depends upon your point of view...

denny

3061. Re: Tower height question (moved thread from tower pro NG)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 12:04:46 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1164888286.397453.113590@80g2000cwy.googlegroups.com>
Source record: 48784

The most direct answer is to put up as tall a tower as you can...
Horizontal antennas for for 40-10, and shunt feed the tower on 80 and
160...

denny - k8do

3062. Re: FM Transmitter for CD Players?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 12:13:39 UTC
From: "W. Watson" <wolf_tracks@invalid.com>
Message-ID: <TVzbh.4972$ql2.4419@newsread3.news.pas.earthlink.net>
Source record: 48785

Yikes! I think you're right. I can probably cut them off at the pass this morning. They said it would be shipped today. I was looking at the picture thinking that was the whole unit. I see some other units, but they seem to be quite high priced compared the the battery operated MW unit I had. Of course, Crane is usually above the general price on everything.

Jim Higgins wrote:

> On Wed, 29 Nov 2006 17:39:57 GMT, "W. Watson"
> <wolf_tracks@invalid.com> wrote:
>
>
>>Tom Ring wrote:
>>
>>>Go to C Crane's web site, which I believe is ccrane.com. They used to
>>>have a unit that ran on battery or a wall wart.
>>>
>>>tom
>>>K0TAR
>
>
>>Yes, they do. I just ordered it, $29.95, and am returning the other one. Thanks.
>
>
> Are you sure you ordered a complete FM transmiter or just an accessory
> kit to operate one in your car. I see no $29 transmitters on the
> cccrane site, but I do see a $29 accessory kit.
>

Wayne T. Watson (Watson Adventures, Prop., Nevada City, CA)
(121.015 Deg. W, 39.262 Deg. N) GMT-8 hr std. time)
Obz Site: 39ï¿½ 15' 7" N, 121ï¿½ 2' 32" W, 2700 feet
--
"I have made this letter [e-mail] a rather long one, only
because I didn't have the lesiure to make it shorter."
-- Blaise Pascal
Web Page: <home.earthlink.net/~mtnviews>

3063. Re: FM Transmitter for CD Players?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 12:15:49 UTC
From: "W. Watson" <wolf_tracks@invalid.com>
Message-ID: <VXzbh.4973$ql2.2821@newsread3.news.pas.earthlink.net>
Source record: 48786

Sal M. Onella wrote:

> Ramsey has FM kits that are easy to build and, after I did three of them,
> reliable. I think I did the FM-10C.
> http://www.ramseyelectronics.com/hk/default.asp?page=amfm
>
> In San Diego, Gateway Electronics sells them off the shelf. If you have a
> medium to large elex store nearby, inquire.
>
> 73
>
> "W. Watson" <wolf_tracks@invalid.com> wrote in message
> news:kcfbh.5246$1s6.1105@newsread2.news.pas.earthlink.net...
>
>>I just bought an MW FM transmitter that is battery powered. It allows one
>
> to
>
>>hook up the output of, say, a CD player to the headphone output, and
>>transmit the signal to select FM bands. This is fine for the most part,
>
> but
>
>>I'm wondering if there are units that have wall warts for power?
Thanks. I had checked with Ramsey and thought they were over priced, and my
days of building kits have long passed. Gateway sells the kits or has some
other FM xmitter?

Wayne T. Watson (Watson Adventures, Prop., Nevada City, CA)
(121.015 Deg. W, 39.262 Deg. N) GMT-8 hr std. time)
Obz Site: 39ï¿½ 15' 7" N, 121ï¿½ 2' 32" W, 2700 feet
--
"I have made this letter [e-mail] a rather long one, only
because I didn't have the lesiure to make it shorter."
-- Blaise Pascal
Web Page: <home.earthlink.net/~mtnviews>

3064. Re: Feeding a 4 bay vertical folded dipole

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 12:59:06 UTC
From: Bob Bob <bob3bob3@suddenlink.net>
Message-ID: <r51344-sd3.ln1@p400bob.personal.cox.net>
Source record: 48787

There are quite a few possibilities

The first that comes to mind is that 300 ohm ribbon feed from all 4 antennas joined at one point will give you 75 ohms. The ribbons should be the same length.

You can also use a lower Z line in odd multiples of 1/4 wave to translate the Z down to a lower value. This is commonly called a Q section and is worth getting your head into! (you can also translate up in Z)

You will find that with mast coupling issues the antenna feed Z will probably be lower than 300 ohms anyway. If for example it gets to 200 ohms a tuned half wave of 300 ohm ribbon on each will translate the same impedance back to where you combine them. You would then get 50 ohms.

Coaxially you could make a 4:1 balun from 75 or 50 ohm coax. This is a nice way of feeding 200/300 ohm antennas from coax.

I think in my case I would be concerned what coax/ribbon/joiners/T's etc I had available for feeding the thing, then work out how to use them..

Cheers Bob

N4aeq wrote:
>
> I need to build a 4 bay folded dipole like the one use on vhf/uhf
> repeaters. The folded dipole is easy
> enough to figure out but how do you get the 4 - 300ohm dipoles to
> combine to one 50ohm feedline,
> I have looked close as i can at these and there is no combiner but it
> looks like maybe some coax
> phasing stubs or lengths of coax inside the antenna support mask?
>

3065. Re: Just listen to CB if you want to know what ham radio will sound like.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 14:52:42 UTC
From: Radiosrfun <Radiosrfun@radiosrfun.com>
Message-ID: <456eef03$0$5804$ecde5a14@news.coretel.net>
Source record: 48788
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

"JOHN D" <jawnd393one@yahoo.com> wrote in message
news:4exbh.8880$Kw2.30@trndny05...
>
> "Slow Code" <my.mail@no.spam> wrote in message
> news:T1s9h.2650$ql2.1375@newsread3.news.pas.earthlink.net...
>>
>>
>> We need to keep the CW requirement and increase it. We shouldn't let ham
>> radio get dumbed down again.
>>
>> SC
>
> It doesn't take a damn bit of knowlege of electronics, radio, propagation
> or
> regulations to learn cw.
> So how is cw gonna prevent the dumbing down of ham radio.
> Why are you not stressing a need for better testing for technical
> competentcy to prevent the dumbing down?
> There are a lot of engineers, technicians and hobbyists who allready know
> electronics who might be interested amateur radio, but don't have time or
> interest to fool around learning code. Once licenced some, maybe many, of
> these people would develope an interest in cw.
>
>

I personally know of very good 2 way radio techs - one who won't go for a ham license because of the code - the other has acquired his NO-Code Tech, but won't go any higher because he "doesn't" want to fool with the code. So, Code "may" be keeping out some otherwise good operators. CW alone - isn't "dumbing" down - ham. It's the "STUPID MANUALS". With them, you don't "need" electronics, just the ability to learn a few "one liner" answers. Almost amounts to a mouse in a maze smelling cheese to direct it. PUT SOME TEETH back into the "THEORY". Some of the bozos I've met - can't tell the difference from a fuse and a resistor. That is pathetic.

If you "choose" "just" to BS - CB is the way - and it too "can" be a good hobby, if you don't have to contend with a lot of the same CRAP - of everyone splattering, constantly saying Audio, keying up just to piss people off, and so on. IF you choose to "LEARN" - Ham "can" be the way. But then again, even at this point, I know some CBers who know more than many No Coders - or even Extras for that matter. There "are" some "serious" CBers out there who "get into" their equipment - knowledge wise. They have a "desire" to learn. There again, they won't go ham BECAUSE of the code. It is a two sided coin - but regardless - both CB AND HAM - have a lot of "nice"

folks and a lot of idiots - who - "could" be better operators if they tried. These Ham tests - do "not" test the "psychological" make up of people.

Code is ok - but it's not the salvation of the world - and certainly not the Ham hobby.

Still again - SC has "YET" to show proof of a license to back up his claims. People need to "ignore" him and move on.

3066. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 15:32:27 UTC
From: Ron <apositiveplace@netscape.net>
Message-ID: <gQCbh.1582$2t1.453@newsfe18.lga>
Source record: 48789
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.policy,rec.radio.amateur.antenna

<kb9rqz-3@hotmail.com> wrote in message
news:1164850369.695044.254260@h54g2000cwb.googlegroups.com...
>
> Slow Code wrote:
>> gwatts <gwatts@frontiernet.net> wrote in
>> news:u8Wah.6331$Ka1.5324@news01.roc.ny:
>>
>> > Slow Code wrote:
>> >> ... If you want to shit
>> >> your diaper, please take it to the CB group, or start up a new own
>> >> thread with Markie and Opus.
>> >>
>> >> SC
>> >
>> > Is this how you only start a thread and let everyone else keep it
>> > going?
>> >
>> > You're rapidly approaching pitiful.
>> >
>> > W8LNA
>>
>>
>> He wanted to push for dumbing down ham radio, and we can't let that
>> happen
>> in a thread that wants to protect it.
>
> nobdoy but the ProCode want Ham radio dumbed down
>
> we are just trying to free Ham radio form the orible hamr done by the
> ARRL with incentive licensing

Are you a "Pro-Code" person? If so, then how is it that you can be so with
such poor spelling skills?

If you are an example of what a "Pro-Code" person is, then I don't think
that HAM can really be "dumbed" down any further.

Ron

3067. Re: Just listen to CB if you want to know what ham radio will sound like.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 16:30:18 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <3l1um25krkll07mr2p272i7fmr8q4m1i5f@4ax.com>
Source record: 48790
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

ORIGINAL MESSAGE:

Slow Code:

>> We need to keep the CW requirement and increase it. We shouldn't let ham
>> radio get dumbed down again.

------------ REPLY FOLLOWS ------------

People have only so much time and energy to spend on ham radio or
anything else. Spending hours on CW is truly dumb when they could be
spent on aspects of the hobby that are really important.

Bill, W6WRT

3068. Re: Just listen to CB if you want to know what ham radio will sound like.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 16:36:57 UTC
From: Mark@kb9rqz.aprs
Message-ID: <s32um2pv6o4edc7r51843qnjd3nvl7jj6n@4ax.com>
Source record: 48791
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Thu, 30 Nov 2006 09:52:42 -0500, "Radiosrfun"
<Radiosrfun@radiosrfun.com> wrote:

>"JOHN D" <jawnd393one@yahoo.com> wrote in message
>news:4exbh.8880$Kw2.30@trndny05...
>>
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:T1s9h.2650$ql2.1375@newsread3.news.pas.earthlink.net...
>>>
>>>
>>> We need to keep the CW requirement and increase it. We shouldn't let ham
>>> radio get dumbed down again.
>>>
>>> SC
>>
>> It doesn't take a damn bit of knowlege of electronics, radio, propagation
>> or
>> regulations to learn cw.
>> So how is cw gonna prevent the dumbing down of ham radio.
>> Why are you not stressing a need for better testing for technical
>> competentcy to prevent the dumbing down?
>> There are a lot of engineers, technicians and hobbyists who allready know
>> electronics who might be interested amateur radio, but don't have time or
>> interest to fool around learning code. Once licenced some, maybe many, of
>> these people would develope an interest in cw.
>>
>>
>
>I personally know of very good 2 way radio techs - one who won't go for a
>ham license because of the code - the other has acquired his NO-Code Tech,
>but won't go any higher because he "doesn't" want to fool with the code. So,
>Code "may" be keeping out some otherwise good operators. CW alone - isn't
>"dumbing" down - ham. It's the "STUPID MANUALS". With them, you don't "need"
>electronics, just the ability to learn a few "one liner" answers. Almost
>amounts to a mouse in a maze smelling cheese to direct it. PUT SOME TEETH
>back into the "THEORY". Some of the bozos I've met - can't tell the
>difference from a fuse and a resistor. That is pathetic.
>
>If you "choose" "just" to BS - CB is the way - and it too "can" be a good
>hobby, if you don't have to contend with a lot of the same CRAP - of
>everyone splattering, constantly saying Audio, keying up just to piss people
>off, and so on. IF you choose to "LEARN" - Ham "can" be the way. But then
>again, even at this point, I know some CBers who know more than many No

>Coders - or even Extras for that matter. There "are" some "serious" CBers
>out there who "get into" their equipment - knowledge wise. They have a
>"desire" to learn. There again, they won't go ham BECAUSE of the code. It is
>a two sided coin - but regardless - both CB AND HAM - have a lot of "nice"
>folks and a lot of idiots - who - "could" be better operators if they tried.
>These Ham tests - do "not" test the "psychological" make up of people.
>
>Code is ok - but it's not the salvation of the world - and certainly not the
>Ham hobby.
>
>Still again - SC has "YET" to show proof of a license to back up his claims.
>People need to "ignore" him and move on.

I am Convinced SC is K4yz and frustrated by SC lack of suucess has
come (not doubt breifly) with a negnegce
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3069. Re: Just listen to CB if you want to know what ham radio will sound like.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 16:42:40 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <4SDbh.7805$yf7.352@newssvr21.news.prodigy.net>
Source record: 48792
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Bill Turner wrote:
> People have only so much time and energy to spend on ham radio or
> anything else. Spending hours on CW is truly dumb when they could be
> spent on aspects of the hobby that are really important.

Knowing how to operate and apply EZNEC is a magnitude
more useful to me than Morse Code.
--
73, Cecil, http://www.qsl.net/w5dxp

3070. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 16:46:10 UTC
From: K4YZ <stevenrobeson@yahoo.com>
Message-ID: <1164905170.190670.243160@16g2000cwy.googlegroups.com>
Source record: 48793
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.policy,rec.radio.amateur.antenna

Ron wrote:
> <kb9rqz-3@hotmail.com> wrote in message

> > we are just trying to free Ham radio form the orible hamr done by the
> > ARRL with incentive licensing
>
> Are you a "Pro-Code" person? If so, then how is it that you can be so with
> such poor spelling skills?
>
> If you are an example of what a "Pro-Code" person is, then I don't think
> that HAM can really be "dumbed" down any further.

Ron, Morkie is the No-Code camp's worst enemy...He's one of "them".

Morkie (Mark Morgan, KB9RQZ) claims to have three college degrees, is allegedly now a geologist, and claims to have been "colonel" in the US Army Chemical Corps. He's the only multi-degreed professional that seems to be so incompetent as to be unable to employ spellchecking software, however.

The funny thing about his latter claim was that he (a) alleged to have been "drafted", (b) would have only bee SEVEN years old as the last conscriptee was being mustered out in the 70's, and (c) brandishes a sexual perversity that would get ANY officer's security clearance pulled, let alone play with NBC / CBR items.

He also claims to be a Jewish Pagan, whatever those are supposed to be, and has apparently "married" a male person while in Israel, which I find hard to believe...Not that he'd "marry" a man, but that the government of Israel would allow such things to occur in the Holy Land.

He's trashed every newsgroup he's come into contact with and has actually searched out newsgroups in order to cross post items in a lame attempt to intimidate those who he'd like to see go away since they make it a habit of busting him for his lying and tales.

So...Basically you're right when you say it can't get much "dumber" than what it is...He passed the writtens...perhaps. The jury's out on whether or not he was able to find a corruptable VE team to pass him after he passed them an undetermined quantity of Jacksons or Franklins.....

In any case...caveat emptor when it comes to dealing with him. I do it because I'm already in a high stress job and he's cheap entertainment.

73

Steve, K4YZ

3071. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 17:04:09 UTC
From: Mark@kb9rqz.aprs
Message-ID: <vl3um2l9dhdjftl39tqpkt0q1160svd1d1@4ax.com>
Source record: 48794
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.policy,rec.radio.amateur.antenna

On Thu, 30 Nov 2006 09:32:27 -0600, "Ron"
<apositiveplace@netscape.net> wrote:

>
><kb9rqz-3@hotmail.com> wrote in message
>news:1164850369.695044.254260@h54g2000cwb.googlegroups.com...
>>
>> Slow Code wrote:
>>> gwatts <gwatts@frontiernet.net> wrote in
>>> news:u8Wah.6331$Ka1.5324@news01.roc.ny:
>>>
>>> > Slow Code wrote:
>>> >> ... If you want to shit
>>> >> your diaper, please take it to the CB group, or start up a new own
>>> >> thread with Markie and Opus.
>>> >>
>>> >> SC
>>> >
>>> > Is this how you only start a thread and let everyone else keep it
>>> > going?
>>> >
>>> > You're rapidly approaching pitiful.
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>>> > W8LNA
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>>>
>>> He wanted to push for dumbing down ham radio, and we can't let that
>>> happen
>>> in a thread that wants to protect it.
>>
>> nobdoy but the ProCode want Ham radio dumbed down
>>
>> we are just trying to free Ham radio form the orible hamr done by the
>> ARRL with incentive licensing
>
>Are you a "Pro-Code" person?
no

indeed I think the ARS would better off if code use were banned but I
still believe in free speech

> If so, then how is it that you can be so with
>such poor spelling skills?

GIGO
>
>If you are an example of what a "Pro-Code" person is, then I don't think
>that HAM can really be "dumbed" down any further.

we are trying to end the dumbing down by ending code testing
>
>Ron
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3072. Re: Just listen to CB if you want to know what ham radio will sound like.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 17:24:57 UTC
From: an old friend <kb9rqz@hotmail.com>
Message-ID: <1164907497.378664.289900@f1g2000cwa.googlegroups.com>
Source record: 48795
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

Cecil Moore wrote:
> Bill Turner wrote:
> > People have only so much time and energy to spend on ham radio or
> > anything else. Spending hours on CW is truly dumb when they could be
> > spent on aspects of the hobby that are really important.
>
> Knowing how to operate and apply EZNEC is a magnitude
> more useful to me than Morse Code.
> --
> 73, Cecil, http://www.qsl.net/w5dxp

indeed it is I am sure it certainly would be more usefull to me when
the FCC acts (ararely make my own anttneas t VHF plus my precision
cuting aint

3073. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 17:51:37 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ekn5up$5ll$1@news.ndhu.edu.tw>
Source record: 48796
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.policy,rec.radio.amateur.antenna

"K4YZ" <stevenrobeson@yahoo.com> wrote in message
news:1164905170.190670.243160@16g2000cwy.googlegroups.com...
> ...
> do it because I'm already in a high stress job and he's cheap
> entertainment.
>
> 73
>
> Steve, K4YZ
>

If you are NOT SC, you are his brother... indeed the
glitch/mis-configuration/error or settings which have been introduced
into your news reader/poster is a dead giveaway!

Perhaps your "high stress" job leads you to commit such mistakes? You
really should look into getting some help with that "little problem" of
yours, they have done wonders with new medications, yanno? <grin>

JS

3074. what are you using for dipole supports

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 17:53:43 UTC
From: Michael J <Michael.J.2i3r1l@news.radiobanter.com>
Message-ID: <Michael.J.2i3r1l@news.radiobanter.com>
Source record: 48802

Hi
I been looking for the tv push masts that I used to use for supporting my dipoles when I was younger. I used to get the fifty foot one stick a ten foot top section and guy for a decent 80 meter suport system.I can find anything that is above thirty feet with the loss of tv antennas to direct and cable . Any sources or other good ideas for this. I really do not want to buy a tower for this espically as I had used several for different antennas. Maybe someone has done some groundwork on using steel or aluminium tubing? Thanks

--
Michael J

3075. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 18:12:15 UTC
From: an old friend <kb9rqz@hotmail.com>
Message-ID: <1164910335.631074.18900@80g2000cwy.googlegroups.com>
Source record: 48797
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.policy,rec.radio.amateur.antenna

John Smith wrote:
> "K4YZ" <stevenrobeson@yahoo.com> wrote in message
> news:1164905170.190670.243160@16g2000cwy.googlegroups.com...
> > ...
> > do it because I'm already in a high stress job and he's cheap
> > entertainment.
> >
> > 73
> >
> > Steve, K4YZ
> >
>
> If you are NOT SC, you are his brother... indeed the
> glitch/mis-configuration/error or settings which have been introduced
> into your news reader/poster is a dead giveaway!

for my edifcation would you care to elaborate I am always insterested
in learning new things
>
> Perhaps your "high stress" job leads you to commit such mistakes? You
> really should look into getting some help with that "little problem" of
> yours, they have done wonders with new medications, yanno? <grin>

it isn't his job it is the stress he feels whan anybody step out of the
box at all or opposes him

Tood dress his fire for the harmless if IMO silly interest Todd in
anime

Ander in his stubbron insistance on hold the ARSaccoutable for the
large amount of specturm we do hold (and we deserve to held to it)

BB for just daring to disagree on what the ARS and how will it does it

with of course it started out as a simple disagree then he dicovered I
am Bisexaul tried to balck mail me about and I simply came out of the
ham shack closet. I made a fool years over his death threats and after
8 years he is still pissed about it

SC is Robeson borther of coconspirtor or siamaesetwin i can't realy
tell and I don't realy care abiout the detail
>
> JS

3076. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 18:23:24 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ekn7qc$1dck$1@news.ndhu.edu.tw>
Source record: 48798
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.policy,rec.radio.amateur.antenna

```
Interesting site:
http://www.qrz.com/callsign/K4YZ

I once dated a nurse, yanno? She didn't look like him!

JS

"an old friend" <kb9rqz@hotmail.com> wrote in message
news:1164910335.631074.18900@80g2000cwy.googlegroups.com...
>
> John Smith wrote:
> > "K4YZ" <stevenrobeson@yahoo.com> wrote in message
> > news:1164905170.190670.243160@16g2000cwy.googlegroups.com...
> > > ...
> > > do it because I'm already in a high stress job and he's cheap
> > > entertainment.
> > >
> > > 73
> > >
> > > Steve, K4YZ
> > >
> >
> > If you are NOT SC, you are his brother... indeed the
> > glitch/mis-configuration/error or settings which have been
introduced
> > into your news reader/poster is a dead giveaway!
>
> for my edifcation would you care to elaborate I am always insterested
> in learning new things
> >
> > Perhaps your "high stress" job leads you to commit such mistakes?
You
> > really should look into getting some help with that "little problem"
of
> > yours, they have done wonders with new medications, yanno? <grin>
>
> it isn't his job it is the stress he feels whan anybody step out of
the
> box at all or opposes him
>
> Tood dress his fire for the harmless if IMO silly interest Todd in
> anime
>
> Ander in his stubbron insistance on hold the ARSaccoutable for the
```

> large amount of specturm we do hold (and we deserve to held to it)
>
> BB for just daring to disagree on what the ARS and how will it does it
>
> with of course it started out as a simple disagree then he dicovered I
> am Bisexaul tried to balck mail me about and I simply came out of the
> ham shack closet. I made a fool years over his death threats and after
> 8 years he is still pissed about it
>
> SC is Robeson borther of coconspirtor or siamaesetwin i can't realy
> tell and I don't realy care abiout the detail
> >
> > JS
>

3077. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 18:34:57 UTC
From: Mark@kb9rqz.aprs
Message-ID: <s19um2tikmn20cmmhsnulvm4u1fa1gk980@4ax.com>
Source record: 48799
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.policy,rec.radio.amateur.antenna

On Thu, 30 Nov 2006 10:23:24 -0800, "John Smith"
<assemblywizard@gmail.com> wrote:

>Interesting site:
>http://www.qrz.com/callsign/K4YZ

indeed and I wonder how much of it SciFi
>
>I once dated a nurse, yanno? She didn't look like him!
>
>JS
>
>"an old friend" <kb9rqz@hotmail.com> wrote in message
>news:1164910335.631074.18900@80g2000cwy.googlegroups.com...
>>
>> John Smith wrote:
>> > "K4YZ" <stevenrobeson@yahoo.com> wrote in message
>> > news:1164905170.190670.243160@16g2000cwy.googlegroups.com...
>> > > ...
>> > > do it because I'm already in a high stress job and he's cheap
>> > > entertainment.
>> > >
>> > > 73
>> > >
>> > > Steve, K4YZ
>> > >
>> >
>> > If you are NOT SC, you are his brother... indeed the
>> > glitch/mis-configuration/error or settings which have been
>introduced
>> > into your news reader/poster is a dead giveaway!
>>
>> for my edifcation would you care to elaborate I am always insterested
>> in learning new things
>> >
>> > Perhaps your "high stress" job leads you to commit such mistakes?
>You
>> > really should look into getting some help with that "little problem"
>of
>> > yours, they have done wonders with new medications, yanno? <grin>
>>
>> it isn't his job it is the stress he feels whan anybody step out of
>the
>> box at all or opposes him

>>
>> Tood dress his fire for the harmless if IMO silly interest Todd in
>> anime
>>
>> Ander in his stubbron insistance on hold the ARSaccoutable for the
>> large amount of specturm we do hold (and we deserve to held to it)
>>
>> BB for just daring to disagree on what the ARS and how will it does it
>>
>> with of course it started out as a simple disagree then he dicovered I
>> am Bisexaul tried to balck mail me about and I simply came out of the
>> ham shack closet. I made a fool years over his death threats and after
>> 8 years he is still pissed about it
>>
>> SC is Robeson borther of coconspirtor or siamaesetwin i can't realy
>> tell and I don't realy care abiout the detail
>> >
>> > JS
>>
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3078. Re: Feeding a 4 bay vertical folded dipole

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 19:23:24 UTC
From: Allodoxaphobia <bit-bucket@config.com>
Message-ID: <slrnemubtc.27ku.bit-bucket@shell.config.com>
Source record: 48800

On Wed, 29 Nov 2006 21:28:06 -0600, w9gb wrote:
> "N4aeq" <tucker@conninc.com> wrote in message
> news:1164808890.567259.210110@14g2000cws.googlegroups.com...
>> I need to build a 4 bay folded dipole like the one use on vhf/uhf
>> repeaters. The folded dipole is easy
>> enough to figure out but how do you get the 4 - 300ohm dipoles to
>> combine to one 50ohm feedline,
>> I have looked close as i can at these and there is no combiner but it
>> looks like maybe some coax
>> phasing stubs or lengths of coax inside the antenna support mask?
>
> The ARRL book, FM and Repeaters (1970s) included information on building a
> "phasing harness".

IIRC -- without running down to the ham shack and diggng through my old copies -- some ARRL Handbook (and/or Antenna Handbook) editions back then had a complete project description for the whole shee-bang: folded dipoles, matching/phasing harness, mounting technique(s), etc.

Jonesy
--
Marvin L Jones | jonz | W3DHJ | linux
38.24N 104.55W | @ config.com | Jonesy | OS/2
*** Killfiling google posts: <http//jonz.net/ng.htm>

3079. Re: Feeding a 4 bay vertical folded dipole

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 19:36:22 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <WoGbh.6459$wc5.4229@newssvr25.news.prodigy.net>
Source record: 48801

Allodoxaphobia wrote:
> IIRC -- without running down to the ham shack and diggng through my old
> copies -- some ARRL Handbook (and/or Antenna Handbook) editions back
> then had a complete project description for the whole shee-bang: folded
> dipoles, matching/phasing harness, mounting technique(s), etc.

Available on eznec.com, I have used EZNEC in
combination with SIMPFEED.ZIP to design phased
systems that worked well.
--
73, Cecil, http://www.qsl.net/w5dxp

3080. Re: Laziness is no reason to destroy quality radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 20:19:07 UTC
From: LenAnderson@ieee.org
Message-ID: <1164917947.857392.139860@16g2000cwy.googlegroups.com>
Source record: 48803
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

From: "John Smith" on Wed, Nov 29 2006 8:18 pm

>Slow Idiot:
>
>I am going to do you a BIG favor. You didn't know I was psychic, did
>you? Well, I am, let me give you a reading...

"Bang on," John (as they say in the UK). :-)

>You are the kind of guy who impresses young children, old women, and
>mentally and technically challenged individuals. You realize that you
>have that special autistic ability of being able to rap out, and quite
>profusely--probably, those taps in code. You were quick to realize that
>individuals with low self esteem, persons of low self-worth and
>individuals seeming to lack any skills what-so-ever were VERY impressed
>by such an ability--of course these individuals also failed to realize
>just how stupid it was to "hero worship" such a trivial ability.

Such hero worship is over a half century LATE. But, some have
had their thinking conditioned by continuous propaganda from
a certain membership organization for just as long. Their brains
have been thoroughly washed and they found themselves hung out
to dry in the yard of ignorance and apathy of a time gone by.

>However, for one such as you, un-remarkable in all other ways type of
>guy, no great IQ, no other real skills or abilities, a general inability
>to get along in the general society, etc... for you, this was a way of
>"feeling special." But, it came at a price, it blinded you to how
>simple others with real abilities, high IQ's, great skills, good social
>abilities, etc. viewed you. You simply shut your ears, your eyes and
>your mind to reality; you finally reached a point where you were unable
>to care, to see... You came to live in your "special world" where you
>are quite special, talented, skilled, etc. You live there now, you
>think you enlighten us with your wasted "text verbiage" here, you draw
>upon others good will and tolerance, you keep thinking you have a great
>message to impart to us. That soon a revelation will strike us and we
>will all recognize you for the great man you think you are...

"Great man?" No, a Grate man, a sociopathic bigot.

>This story goes on and on, indeed, it appears as if it is one of those
>special, un-ending story with you painted as lead hero, painted as such
>by you, yourself--of course... well, even you can see where I am going
>with all of this. And, you know it is true. You know we will be
>watching your behavior in sheer unbelief and amazement, you realize you

>really do look quite stupid. You realize you have painted yourself into
>a corner which you cannot escape. And, it dawns upon you, you have
>nothing to lose, all credibility is lost--you may as well continue on
>your present course--there is nothing to be lost--it has already been
>gone for quite a time... still, your only two choices is facing your
>peers disgust, or quitting, and I am betting you just can't quit. I
>have never seen an individual like you who was able...

He can't quit now. Like Robeson, he's already dug his way too
deep into his own egotistical underworld, has NOTHING to support
his conception beyond the Archaid Radiotelegraphy Society (ARS)
propaganda that is over a half century out of date.

>Good luck...

I cannot agree on that...for, like all egotistical bigots, he
insists that he is the "model" for all to emulate. Ignorance
of the rest of the radio world is no excuse. Rather, I wish
him all the bad luck possible. :-(

>P.S. I am really not psychic--but you already knew that... It is just
>that such small intellect as you display is simple to define... but you
>knew that--already. You are simply trapped by the particular mental
>disorder which plagues you, your world is small and therefore you expect
>it to be so for all others. You are now but an actor on a stage--your
>part has already been written, you now only perform your part... a
>limited performance, a small performance, a vile performance, but
>still--it is yours, and it tells a much larger picture about you--how
>much better it would be if performed for people who actually cared...

Absolutely NO psychic abilities needed to see his "act" and
judge this meanderthal of morse. If he were really on stage
he would be booed off without any audience hesitation. Exit
stage left...hastily.

The odd part of these forums is that they do NOT exit. These
sociopathic bigots enjoy their own virtual worlds too well to
leave. Separated by time, distance, and anonymity possible
in here, they fear nothing and operate with impunity. They
love only themselves and their words, the "getting even" with
all others who have given them frustrations elsewhere. They
need the tarnkappen of their own-tailored invisible clothes
of grandeur. If there be pity for them it would be for their
own naked ignorance.

LA

3081. Re: FM Transmitter for CD Players?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 20:37:30 UTC
From: Alan WA4SCA <APBIDDLE@UNITED.NET>
Message-ID: <9ufum25j5l0g936i4m21jvrpel2p6vflk2@4ax.com>
Source record: 48804

Take a look at their "orphans" page. The FM transmitters are $10
cheaper there, but with the same guarantee. Over the years I have
gotten two orphan items. Both were indistinguishable from the regular
items, right down to the package..

Still not cheap, but perhaps a small help. Much like Brookstones, if
you can find it somewhere else, it will always be cheaper. However,
C. Crane and Brookstones often get the quality stuff sooner.

--
Alan
WA4SCA

3082. Re: Laziness is no reason to destroy quality radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 20:41:35 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <eknftfmca1@aioe.org>
Source record: 48805
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

LenAnderson@ieee.org wrote:
> ...

Len:

Where have you been? These boys have been keeping you entertained, I trust?

Regards,
JS

3083. Re: what are you using for dipole supports

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 20:51:40 UTC
From: "hawkdome@eastex.net" <hawkdome@eastex.net>
Message-ID: <1164919900.123426.129820@h54g2000cwb.googlegroups.com>
Source record: 48806

Are you referring to masts that come in 10' sections and can be
assembled together, one inside another? If this is what you are
wanting your Ace or True value hardware have them or can order them.
Mine cost me 2 weeks ago $15.99 each plus sales tax. They fit one
inside another to whatever height you want.

> Hi
> I been looking for the tv push masts that I used to use for supporting
> my dipoles when I was younger. I used to get the fifty foot one stick
> a ten foot top section and guy for a decent 80 meter suport system.I
> can find anything that is above thirty feet with the loss of tv
> antennas to direct and cable . Any sources or other good ideas for
> this. I really do not want to buy a tower for this espically as I had
> used several for different antennas. Maybe someone has done some
> groundwork on using steel or aluminium tubing? Thanks
>
>
>
>
> --
> Michael J

3084. Re: what are you using for dipole supports

Newsgroup: rec.radio.amateur.antenna
Date: 2006-11-30 22:53:41 UTC
From: Ed <Huckleberry_REMOVE_@bigvalley.net>
Message-ID: <Xns988B9873B5F85spectrumhogstarbandn@198.186.192.196>
Source record: 48807

> Are you referring to masts that come in 10' sections and can be
> assembled together, one inside another? If this is what you are
> wanting your Ace or True value hardware have them or can order them.
> Mine cost me 2 weeks ago $15.99 each plus sales tax. They fit one
> inside another to whatever height you want.

Also, if you have a Lowes Home Center nearby, they do tend to carry those Wineguard type telescoping TV antenna masts, too. ... at least to the 40' variety. Whether or not you'd find one in stock or have to order is another story...

Ed

3085. Re: what are you using for dipole supports

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 00:17:31 UTC
From: jgboyles@aol.com
Message-ID: <1164932250.989918.10340@n67g2000cwd.googlegroups.com>
Source record: 48808

Michael J wrote:
> Hi
> I been looking for the tv push masts that I used to use for supporting
> my dipoles when I was younger. I used to get the fifty foot one stick
> a ten foot top section and guy for a decent 80 meter suport system.I
> can find anything that is above thirty feet with the loss of tv
> antennas to direct and cable . Any sources or other good ideas for
> this. I really do not want to buy a tower for this espically as I had
> used several for different antennas. Maybe someone has done some
> groundwork on using steel or aluminium tubing? Thanks
> --
> Michael J

Hi Mike, Since an 80 meter dipole needs 130' of space, can you find a high tree for one support? The push-up masts that are currently available are in the 30' range, and will not get you up 60'.
Are you sure you need a full size dipole up 60'? Consider an inverted vee up 60' at apex, needs one support. Ends drooping down 30-20'. I have used this configuration many times, works well.
QST published an article on a tower based on 2 X 4 lumber, and I seem to remember articles on irragation piping used for supports. Good Luck.
Gary N4AST

3086. Re: FM Transmitter for CD Players?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 00:39:51 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <456f79da$0$1015$39cecf19@news.twtelecom.net>
Source record: 48809

W. Watson wrote:

> Yikes! I think you're right. I can probably cut them off at the pass
> this morning. They said it would be shipped today. I was looking at the
> picture thinking that was the whole unit. I see some other units, but
> they seem to be quite high priced compared the the battery operated MW
> unit I had. Of course, Crane is usually above the general price on
> everything.

Their transmitter may cost more, but is a cut above the 2 or 3 others I have owned previously. It's also one of the only ones I've purchased that actually seems to put out something in the range of legal power and deviation, as opposed to the Radio Shack ones (no longer on the market) that will go REAL wide. It's also nice to have a fully synthed unit as opposed to many that just are on a 4 or so freqs and that's all.

tom
K0TAR

3087. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 00:40:44 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <gSKbh.5848$1s6.1966@newsread2.news.pas.earthlink.net>
Source record: 48811
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.policy,rec.radio.amateur.antenna

"John Smith" <assemblywizard@gmail.com> wrote in
news:ekn5up$5ll$1@news.ndhu.edu.tw:

>
> "K4YZ" <stevenrobeson@yahoo.com> wrote in message
> news:1164905170.190670.243160@16g2000cwy.googlegroups.com...
>> ...
>> do it because I'm already in a high stress job and he's cheap
>> entertainment.
>>
>> 73
>>
>> Steve, K4YZ
>>
>
> If you are NOT SC, you are his brother... indeed the
> glitch/mis-configuration/error or settings which have been introduced
> into your news reader/poster is a dead giveaway!

You're as looney as Markie, John. Stop trying to figure out who
everyone is and maybe try to work on being a good radio operator. Then
maybe your presence on the internet will be valuable.

SC

3088. Re: Aren't any of you going to help me?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 00:40:45 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <hSKbh.5849$1s6.955@newsread2.news.pas.earthlink.net>
Source record: 48810
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

John Smith <assemblywizard@gmail.com> wrote in news:eklg2l$9k7$1@aioe.org:

> Slow Code wrote:
>> "Dee Flint" <deeflint01@comcast.net> wrote in
>> news:-fCdnattvLkdOfbYnZ2dnUVZ_oadnZ2d@comcast.com:
>>
>>> "Slow Code" <my.mail@no.spam> wrote in message
>>> news:4jLah.4136$tM1.1859@newsread1.news.pas.earthlink.net...
>>>> I'm I the only one that wants quality hams?
>>>>
>>>> SC
>>> I'm an active elmer and work at helping all become quality hams.
>>>
>>> Dee, N8UZE
>>
>>
>> But if we push for good tests, new hams will have a leg up and we won't
>> have to elmer them as much and if we push for really really really good
>> tests, they can elmer us after they get licensed.
>>
>> SC
>
> Slow Idiot:
>
> You must be the most vile, degraded, despicable, disgusting pos (pos =
> piece of chit) which ever fooled their vec and obtained a license. You
> are disgusting beyond description. I pity your neighbors, I believe
> they have ALL had problems with you, I believe the police, sheriff and
> county officials in your county all know you. I bet your children
> despise you, if your wife is still with you--she is a saint! You are
> not just a lightweight idiot, you are a complete idiot. You do the name
> IDIOT! much service, you never cease to be complete and an ideal example
> of an IDIOT. I bet some here do not realize how much you tax the
> services of city, county and state with your ridiculous and childish
> behaviors, wants, fits, temper tantrums, generally foolish behavior,
> etc.
>
> You would truly be a very funny joke, if you were not such an example of
> human depravity. You remind me of the disgust I feel when I see child
> molesters and people masturbating in public, drunks, hopeless alcoholics
> and drug addicts, disease infested whores, etc.
>
> I would truly like to leave you with a picture of how disgusting,

> reviling, sick and putrid an individual I view you as, but mere words
> could never paint a proper and complete example. You are beyond words,
> you are beyond my most vilest visions of disgust, you are a pinnacle of
> chit!
>
> Now, all that said, I think you are pulling our legs, no one could
> possibly be so disgusting and stupid--you are just pretending! <grin>
>
> JS

Tnx, 73, Good luck on the code test.

Sc

3089. Ever hear an operator on the bands that you'd just like to slap the shit out of?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 00:40:48 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <kSKbh.5851$1s6.1519@newsread2.news.pas.earthlink.net>
Source record: 48812
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.swap

If the CW requirement is eliminated, there's going to be a lot more of
them on the bands.

SC

3090. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 00:40:50 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <mSKbh.5852$1s6.3802@newsread2.news.pas.earthlink.net>
Source record: 48813
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

```
"U-Know-Who" <no-one@nowhere.com> wrote in
news:Klrbh.5898$_H5.4204@tornado.texas.rr.com:

>
> "Slow Code" <my.mail@no.spam> wrote in message
> news:fjLah.4143$tM1.1155@newsread1.news.pas.earthlink.net...
>> "U-Know-Who" <no-one@nowhere.com> wrote in
>> news:Svs9h.2203$_H5.295@tornado.texas.rr.com:
>>
>>>
>>> "Slow Code" <my.mail@no.spam> wrote in message
>>> news:E1s9h.2642$ql2.1992@newsread3.news.pas.earthlink.net...
>>>> "U-Know-Who" <no-one@nowhere.com> wrote in
>>>> news:Jo89h.2462$Gk5.1576@tornado.texas.rr.com:
>>>>
>>>>>
>>>>> "Slow Code" <my.mail@no.spam> wrote in message
>>>>> news:Vx59h.2178$ql2.1579@newsread3.news.pas.earthlink.net...
>>>>>> Joe Bloe <abaslon@comcast.net> wrote in
>>>>>> news:oei7m2hhbvm46q3qmkkfl4k7ui4tdtqei9@4ax.com:
>>>>>>
>>>>>>> On Tue, 21 Nov 2006 00:54:50 GMT, Slow Code <my.mail@no.spam>
>>>>>>> wrote:
>>>>>>>
>>>>>>>>"U-Know-Who" <no-one@nowhere.com> wrote in
>>>>>>>>news:5lO7h.283$_H5.256@tornado.texas.rr.com:
>>>>>>>>
>>>>>>>>>
>>>>>>>>> "Slow Code" <my.mail@no.spam> wrote in message
>>>>>>>>> news:1wN7h.626$sf5.622@newsread4.news.pas.earthlink.net...
>>>>>>>>>> jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote in
>>>>>>>>>> news:ej8knc$kn5$1@news.hawaii.edu:
>>>>>>>>>>
>>>>>>>>>>> John Smith <assemblywizard@gmail.com> wrote:
>>>>>>>>>>>>Idiot, check your spelling, it's "group troll."
>>>>>>>>>>>
>>>>>>>>>>> Well, let's see if he ment "poll" or "troll":
>>>>>>>>>>>
>>>>>>>>>>>
>>>>>>>>>> 0 2 4 6 8 10
>>>>>>>>>> /
>>>>>>>>>> /
>>>>>>>>>> /
```

>>>>>>>>>>> /
>>>>>>>>>>> /
>>>>>>>>>>> /
>>>>>>>>>>> /
>>>>>>>>>>> /
>>>>>>>>>>> POLL-O-METER
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>> So what appliances does everyone hope Santa brings them for
>>>>>>>>>> Xmas?
>>>>>>>>>>
>>>>>>>>>> HF, VHF, UHF, KENWOOD, YAESU, ICOM, Cobra?
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>> I couldn't think of anything for myself, so I hope I just get a
>>>>>>>>>> some componants and a new soldering iron for projects so I can
>>>>>>>>>> keep moving forward in ham radio.
>>>>>>>>>>
>>>>>>>>>> SC
>>>>>>>>>
>>>>>>>>> And spell check for your PC. :-)
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>Which one do you have? I want Santa to bring me a different one.
>>>>>>>>>The one you have doesn't work.
>>>>>>>>>
>>>>>>>>>SC
>>>>>>>>
>>>>>>>>
>>>>>>>> Clip and paste to "Word for Windows". . . It's got the best
>>>>>>>> spell
>>>>>>>> checker in the market. Just leave it running in the backgrould
>>>>>>>> and call it up when you need to type out a letter or two.
>>>>>>
>>>>>>
>>>>>> Thanks, I'll pass that on to U-Know-Who, but he probably don't
>>>>>> have word, just computer games.
>>>>>>
>>>>>> SC
>>>>>
>>>>> I have Office Pro 2003
>>>>
>>>>
>>>> WOW
>>>>
>>>> SC
>>>
>>> I ran your posts through it. It said to please excuse the idiot in
>>> Colorado who can't afford a high-speed connection.

>>
>>
>> Your CB radio not back from the repair shop so you got to attack real
>> radio operators? I knew you went for those "easy-to-burn-up' Cobra
>> and Galaxy brand appliances.
>>
>> Oh, and I don't live in colorado, I'm ya alls next door neighbor.
>>
>> Howdy Neighbor. Heee Heee Heeeeeeee!
>> SC
>
> IP Information 4.230.12.15
> Record Type: IP Address
> Cached Whois: Cached today
> IP Location: United States - Texas - Houston - Level 3
> Communications
> Inc
> Reverse DNS: dialup-4.230.12.15.Dial1.Houston1.Level3.net
> Blacklist Status: Currently Listed (history)
>

From: "U-Know-Who" <no-one@nowhere.com>
Subject: Re: Group poll.
Message-ID: <Klrbh.5898$_H5.4204@tornado.texas.rr.com>
Date: Thu, 30 Nov 2006 02:28:58 GMT
NNTP-Posting-Host: 67.10.92.242

nslookup 67.10.92.242
Canonical name: cpe-67-10-92-242.houston.res.rr.com
Addresses: 67.10.92.242

Howdy Neighbor!

SC

3091. Re: It's a war people, and the lazy asses are trying to take over.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 00:40:58 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <uSKbh.5856$1s6.1392@newsread2.news.pas.earthlink.net>
Source record: 48814
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

LenAnderson@ieee.org wrote in
news:1164917947.857392.139860@16g2000cwy.googlegroups.com:

> From: "John Smith" on Wed, Nov 29 2006 8:18 pm
>
>>Slow Idiot:
>>
>>I am going to do you a BIG favor. You didn't know I was psychic, did
>>you? Well, I am, let me give you a reading...
>
> "Bang on," John (as they say in the UK). :-)
>
>>You are the kind of guy who impresses young children, old women, and
>>mentally and technically challenged individuals. You realize that you
>>have that special autistic ability of being able to rap out, and quite
>>profusely--probably, those taps in code. You were quick to realize that
>>individuals with low self esteem, persons of low self-worth and
>>individuals seeming to lack any skills what-so-ever were VERY impressed
>>by such an ability--of course these individuals also failed to realize
>>just how stupid it was to "hero worship" such a trivial ability.
>
> Such hero worship is over a half century LATE. But, some have
> had their thinking conditioned by continuous propaganda from
> a certain membership organization for just as long. Their brains
> have been thoroughly washed and they found themselves hung out
> to dry in the yard of ignorance and apathy of a time gone by.
>
>>However, for one such as you, un-remarkable in all other ways type of
>>guy, no great IQ, no other real skills or abilities, a general inability
>>to get along in the general society, etc... for you, this was a way of
>>"feeling special." But, it came at a price, it blinded you to how
>>simple others with real abilities, high IQ's, great skills, good social
>>abilities, etc. viewed you. You simply shut your ears, your eyes and
>>your mind to reality; you finally reached a point where you were unable
>>to care, to see... You came to live in your "special world" where you
>>are quite special, talented, skilled, etc. You live there now, you
>>think you enlighten us with your wasted "text verbiage" here, you draw
>>upon others good will and tolerance, you keep thinking you have a great
>>message to impart to us. That soon a revelation will strike us and we
>>will all recognize you for the great man you think you are...
>
> "Great man?" No, a Grate man, a sociopathic bigot.
>

>>This story goes on and on, indeed, it appears as if it is one of those
>>special, un-ending story with you painted as lead hero, painted as such
>>by you, yourself--of course... well, even you can see where I am going
>>with all of this. And, you know it is true. You know we will be
>>watching your behavior in sheer unbelief and amazement, you realize you
>>really do look quite stupid. You realize you have painted yourself into
>>a corner which you cannot escape. And, it dawns upon you, you have
>>nothing to lose, all credibility is lost--you may as well continue on
>>your present course--there is nothing to be lost--it has already been
>>gone for quite a time... still, your only two choices is facing your
>>peers disgust, or quitting, and I am betting you just can't quit. I
>>have never seen an individual like you who was able...
>
> He can't quit now. Like Robeson, he's already dug his way too
> deep into his own egotistical underworld, has NOTHING to support
> his conception beyond the Archaid Radiotelegraphy Society (ARS)
> propaganda that is over a half century out of date.
>
>>Good luck...
>
> I cannot agree on that...for, like all egotistical bigots, he
> insists that he is the "model" for all to emulate. Ignorance
> of the rest of the radio world is no excuse. Rather, I wish
> him all the bad luck possible. :-(
>
>>P.S. I am really not psychic--but you already knew that... It is just
>>that such small intellect as you display is simple to define... but you
>>knew that--already. You are simply trapped by the particular mental
>>disorder which plagues you, your world is small and therefore you expect
>>it to be so for all others. You are now but an actor on a stage--your
>>part has already been written, you now only perform your part... a
>>limited performance, a small performance, a vile performance, but
>>still--it is yours, and it tells a much larger picture about you--how
>>much better it would be if performed for people who actually cared...
>
> Absolutely NO psychic abilities needed to see his "act" and
> judge this meanderthal of morse. If he were really on stage
> he would be booed off without any audience hesitation. Exit
> stage left...hastily.
>
> The odd part of these forums is that they do NOT exit. These
> sociopathic bigots enjoy their own virtual worlds too well to
> leave. Separated by time, distance, and anonymity possible
> in here, they fear nothing and operate with impunity. They
> love only themselves and their words, the "getting even" with
> all others who have given them frustrations elsewhere. They
> need the tarnkappen of their own-tailored invisible clothes
> of grandeur. If there be pity for them it would be for their
> own naked ignorance.
>

> LA

We dare not let Lenny and the rest of the dumb-it-down crowd win.

SC

3092. Re: Just listen to CB if you want to know what ham radio will sound like.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 00:40:59 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <vSKbh.5857$1s6.5389@newsread2.news.pas.earthlink.net>
Source record: 48815
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

"Radiosrfun" <Radiosrfun@radiosrfun.com> wrote in
news:456eef03$0$5804$ecde5a14@news.coretel.net:

> "JOHN D" <jawnd393one@yahoo.com> wrote in message
> news:4exbh.8880$Kw2.30@trndny05...
>>
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:T1s9h.2650$ql2.1375@newsread3.news.pas.earthlink.net...
>>>
>>>
>>> We need to keep the CW requirement and increase it. We shouldn't let
>>> ham radio get dumbed down again.
>>>
>>> SC
>>
>> It doesn't take a damn bit of knowlege of electronics, radio,
>> propagation or
>> regulations to learn cw.
>> So how is cw gonna prevent the dumbing down of ham radio.
>> Why are you not stressing a need for better testing for technical
>> competentcy to prevent the dumbing down?
>> There are a lot of engineers, technicians and hobbyists who allready
>> know electronics who might be interested amateur radio, but don't have
>> time or interest to fool around learning code. Once licenced some,
>> maybe many, of these people would develope an interest in cw.
>>
>>
>
> I personally know of very good 2 way radio techs - one who won't go for
> a ham license because of the code - the other has acquired his NO-Code
> Tech, but won't go any higher because he "doesn't" want to fool with the
> code. So, Code "may" be keeping out some otherwise good operators. CW
> alone - isn't "dumbing" down - ham. It's the "STUPID MANUALS". With
> them, you don't "need" electronics, just the ability to learn a few "one
> liner" answers. Almost amounts to a mouse in a maze smelling cheese to
> direct it. PUT SOME TEETH back into the "THEORY". Some of the bozos I've
> met - can't tell the difference from a fuse and a resistor. That is
> pathetic.
>
> If you "choose" "just" to BS - CB is the way - and it too "can" be a
> good hobby, if you don't have to contend with a lot of the same CRAP -
> of everyone splattering, constantly saying Audio, keying up just to piss
> people off, and so on. IF you choose to "LEARN" - Ham "can" be the way.

> But then again, even at this point, I know some CBers who know more than
> many No Coders - or even Extras for that matter. There "are" some
> "serious" CBers out there who "get into" their equipment - knowledge
> wise. They have a "desire" to learn. There again, they won't go ham
> BECAUSE of the code. It is a two sided coin - but regardless - both CB
> AND HAM - have a lot of "nice" folks and a lot of idiots - who - "could"
> be better operators if they tried. These Ham tests - do "not" test the
> "psychological" make up of people.
>
> Code is ok - but it's not the salvation of the world - and certainly not
> the Ham hobby.
>
> Still again - SC has "YET" to show proof of a license to back up his
> claims. People need to "ignore" him and move on.

Tnx, 73, Good luck on the code test.

SC

3093. Re: Laziness is no reason to destroy quality radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 00:41:03 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <zSKbh.5858$1s6.3218@newsread2.news.pas.earthlink.net>
Source record: 48816
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

"U-Know-Who" <no-one@nowhere.com> wrote in
news:mEtbh.5945$_H5.2920@tornado.texas.rr.com:

>
> "John Smith" <assemblywizard@gmail.com> wrote in message
> news:eklma1$1kja$1@news.ndhu.edu.tw...
>> Slow Idiot:
>>
>> I am going to do you a BIG favor. You didn't know I was psychic, did
>> you? Well, I am, let me give you a reading...
>>
>> You are the kind of guy who impresses young children, old women, and
>> mentally and technically challenged individuals. You realize that you
>> have that special autistic ability of being able to rap out, and quite
>> profusely--probably, those taps in code. You were quick to realize
>> that individuals with low self esteem, persons of low self-worth and
>> individuals seeming to lack any skills what-so-ever were VERY impressed
>> by such an ability--of course these individuals also failed to realize
>> just how stupid it was to "hero worship" such a trivial ability.
>>
>> However, for one such as you, un-remarkable in all other ways type of
>> guy, no great IQ, no other real skills or abilities, a general
>> inability to get along in the general society, etc... for you, this
>> was a way of "feeling special." But, it came at a price, it blinded
>> you to how simple others with real abilities, high IQ's, great skills,
>> good social abilities, etc. viewed you. You simply shut your ears,
>> your eyes and your mind to reality; you finally reached a point where
>> you were unable to care, to see... You came to live in your "special
>> world" where you are quite special, talented, skilled, etc. You live
>> there now, you think you enlighten us with your wasted "text verbiage"
>> here, you draw upon others good will and tolerance, you keep thinking
>> you have a great message to impart to us. That soon a revelation will
>> strike us and we will all recognize you for the great man you think you
>> are...
>>
>> This story goes on and on, indeed, it appears as if it is one of those
>> special, un-ending story with you painted as lead hero, painted as such
>> by you, yourself--of course... well, even you can see where I am going
>> with all of this. And, you know it is true. You know we will be
>> watching your behavior in sheer unbelief and amazement, you realize you
>> really do look quite stupid. You realize you have painted yourself
>> into a corner which you cannot escape. And, it dawns upon you, you
>> have nothing to lose, all credibility is lost--you may as well continue

>> on your present course--there is nothing to be lost--it has already
>> been gone for quite a time... still, your only two choices is facing
>> your peers disgust, or quitting, and I am betting you just can't quit.
>> I have never seen an individual like you who was able...
>>
>> Good luck...
>>
>> P.S. I am really not psychic--but you already knew that... It is just
>> that such small intellect as you display is simple to define... but you
>> knew that--already. You are simply trapped by the particular mental
>> disorder which plagues you, your world is small and therefore you
>> expect it to be so for all others. You are now but an actor on a
>> stage--your part has already been written, you now only perform your
>> part... a limited performance, a small performance, a vile
>> performance, but still--it is yours, and it tells a much larger picture
>> about you--how much better it would be if performed for people who
>> actually cared...
>>
>> JS
>>
>>
>
> Bingo!!!!!

I'm happy you two lazy ass Lids found each other, when ya getting
married?

I suggest you two, plus Markie, Opus and stay out of this thread. It's
only for people like me that want to protect and preserve the quality &
integrity of the amateur radio service. People like you, John Smith,
Opus, Lenny and Markie want to destroy it because you believe people
shouldn't have to learn anything or be good at anything to be a ham radio
operator.

SC

3094. Re: Aren't any of you going to help me?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 01:06:38 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <eknvegrpt1@aioe.org>
Source record: 48817
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

```
Slow Code wrote:
> John Smith <assemblywizard@gmail.com> wrote in news:eklg2l$9k7$1@aioe.org:
>
>> Slow Code wrote:
>>> "Dee Flint" <deeflint01@comcast.net> wrote in
>>> news:-fCdnattvLkdOfbYnZ2dnUVZ_oadnZ2d@comcast.com:
>>>
>>>> "Slow Code" <my.mail@no.spam> wrote in message
>>>> news:4jLah.4136$tM1.1859@newsread1.news.pas.earthlink.net...
>>>>> I'm I the only one that wants quality hams?
>>>>>
>>>>> SC
>>>> I'm an active elmer and work at helping all become quality hams.
>>>>
>>>> Dee, N8UZE
>>>
>>> But if we push for good tests, new hams will have a leg up and we won't
>>> have to elmer them as much and if we push for really really really good
>>> tests, they can elmer us after they get licensed.
>>>
>>> SC
>> Slow Idiot:
>>
>> You must be the most vile, degraded, despicable, disgusting pos (pos =
>> piece of chit) which ever fooled their vec and obtained a license. You
>> are disgusting beyond description. I pity your neighbors, I believe
>> they have ALL had problems with you, I believe the police, sheriff and
>> county officials in your county all know you. I bet your children
>> despise you, if your wife is still with you--she is a saint! You are
>> not just a lightweight idiot, you are a complete idiot. You do the name
>> IDIOT! much service, you never cease to be complete and an ideal example
>> of an IDIOT. I bet some here do not realize how much you tax the
>> services of city, county and state with your ridiculous and childish
>> behaviors, wants, fits, temper tantrums, generally foolish behavior,
>> etc.
>>
>> You would truly be a very funny joke, if you were not such an example of
>> human depravity. You remind me of the disgust I feel when I see child
>> molesters and people masturbating in public, drunks, hopeless alcoholics
>> and drug addicts, disease infested whores, etc.
>>
>> I would truly like to leave you with a picture of how disgusting,
>> reviling, sick and putrid an individual I view you as, but mere words
```

>> could never paint a proper and complete example. You are beyond words,
>> you are beyond my most vilest visions of disgust, you are a pinnacle of
>> chit!
>>
>> Now, all that said, I think you are pulling our legs, no one could
>> possibly be so disgusting and stupid--you are just pretending! <grin>
>>
>> JS
>
>
>
> Tnx, 73, Good luck on the code test.
>
> Sc

Been there, done that!

I just looked at the license requirements as likened to the
responsibility of owning a dog. If you are going to own a dog, you are
going to pick up some poop! Code is much the same to owning a station,
as poop is to owning a dog, it's almost a 1:1 correlation.
...yawn...

JS

3095. Re: Ever hear an operator on the bands that you'd just like to slap the shit out of?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 01:15:54 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <eknvvr$182f$1@news.ndhu.edu.tw>
Source record: 48818
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.swap

Ahhhh.... Now it becomes clear to me, you were right to hang on with
your persistence, a revelation has occurred to me!

Yes, yes you are! You are the best argument to tossing the rig and
grabbing some chicken band equipment which has ever been posed to me!

Ten-Four-Good-Buddy!
JS

"Slow Code" <my.mail@no.spam> wrote in message
news:kSKbh.5851$1s6.1519@newsread2.news.pas.earthlink.net...
> If the CW requirement is eliminated, there's going to be

3096. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 01:25:59 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <eko0iouim1@aioe.org>
Source record: 48824
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.policy,rec.radio.amateur.antenna

Slow Code wrote:
> "John Smith" <assemblywizard@gmail.com> wrote in
> news:ekn5up$5ll$1@news.ndhu.edu.tw:
>
>> "K4YZ" <stevenrobeson@yahoo.com> wrote in message
>> news:1164905170.190670.243160@16g2000cwy.googlegroups.com...
>>> ...
>>> do it because I'm already in a high stress job and he's cheap
>>> entertainment.
>>>
>>> 73
>>>
>>> Steve, K4YZ
>>>
>> If you are NOT SC, you are his brother... indeed the
>> glitch/mis-configuration/error or settings which have been introduced
>> into your news reader/poster is a dead giveaway!
>
>
> You're as looney as Markie, John. Stop trying to figure out who
> everyone is and maybe try to work on being a good radio operator. Then
> maybe your presence on the internet will be valuable.
>
> SC

No trouble at all...

Noticing who the idiots are is easy, more so in your case, but easy with
most of 'em...

JS

3097. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 01:26:44 UTC
From: Mark@kb9rqz.aprs
Message-ID: <p31vm2dfjcvfslh2dmm3kem0g2rb80ofbq@4ax.com>
Source record: 48821
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Fri, 01 Dec 2006 00:41:03 GMT, Slow Code <my.mail@no.spam> wrote:

>"U-Know-Who" <no-one@nowhere.com> wrote in
>news:mEtbh.5945$_H5.2920@tornado.texas.rr.com:
>
>>
>> "John Smith" <assemblywizard@gmail.com> wrote in message
>> news:eklma1$1kja$1@news.ndhu.edu.tw...
>>> Slow Idiot:
>>>
>>> I am going to do you a BIG favor. You didn't know I was psychic, did
>>> you? Well, I am, let me give you a reading...
>>>
>>> You are the kind of guy who impresses young children, old women, and
>>> mentally and technically challenged individuals. You realize that you
>>> have that special autistic ability of being able to rap out, and quite
>>> profusely--probably, those taps in code. You were quick to realize
>>> that individuals with low self esteem, persons of low self-worth and
>>> individuals seeming to lack any skills what-so-ever were VERY impressed
>>> by such an ability--of course these individuals also failed to realize
>>> just how stupid it was to "hero worship" such a trivial ability.
>>>
>>> However, for one such as you, un-remarkable in all other ways type of
>>> guy, no great IQ, no other real skills or abilities, a general
>>> inability to get along in the general society, etc... for you, this
>>> was a way of "feeling special." But, it came at a price, it blinded
>>> you to how simple others with real abilities, high IQ's, great skills,
>>> good social abilities, etc. viewed you. You simply shut your ears,
>>> your eyes and your mind to reality; you finally reached a point where
>>> you were unable to care, to see... You came to live in your "special
>>> world" where you are quite special, talented, skilled, etc. You live
>>> there now, you think you enlighten us with your wasted "text verbiage"
>>> here, you draw upon others good will and tolerance, you keep thinking
>>> you have a great message to impart to us. That soon a revelation will
>>> strike us and we will all recognize you for the great man you think you
>>> are...
>>>
>>> This story goes on and on, indeed, it appears as if it is one of those
>>> special, un-ending story with you painted as lead hero, painted as such
>>> by you, yourself--of course... well, even you can see where I am going
>>> with all of this. And, you know it is true. You know we will be
>>> watching your behavior in sheer unbelief and amazement, you realize you
>>> really do look quite stupid. You realize you have painted yourself

>>> into a corner which you cannot escape. And, it dawns upon you, you
>>> have nothing to lose, all credibility is lost--you may as well continue
>>> on your present course--there is nothing to be lost--it has already
>>> been gone for quite a time... still, your only two choices is facing
>>> your peers disgust, or quitting, and I am betting you just can't quit.
>>> I have never seen an individual like you who was able...
>>>
>>> Good luck...
>>>
>>> P.S. I am really not psychic--but you already knew that... It is just
>>> that such small intellect as you display is simple to define... but you
>>> knew that--already. You are simply trapped by the particular mental
>>> disorder which plagues you, your world is small and therefore you
>>> expect it to be so for all others. You are now but an actor on a
>>> stage--your part has already been written, you now only perform your
>>> part... a limited performance, a small performance, a vile
>>> performance, but still--it is yours, and it tells a much larger picture
>>> about you--how much better it would be if performed for people who
>>> actually cared...
>>>
>>> JS
>>>
>>>
>>
>> Bingo!!!!!
>
>
>I'm happy you two lazy ass Lids found each other, when ya getting
>married?
>
>I suggest you two, plus Markie, Opus and stay out of this thread.

indeed steve that is real honesty for a change

you want to exclude all your foes from the deabte
> It's
>only for people like me that want to protect and preserve the quality &
>integrity of the amateur radio service.

and that is ME Steve
> People like you, John Smith,
>Opus, Lenny and Markie want to destroy it because you believe people
>shouldn't have to learn anything or be good at anything to be a ham radio
>operator.

Steve even you have agreed that your proposals will KIL the ARS
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3098. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 01:27:15 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <TxLbh.6768$_H5.3321@tornado.texas.rr.com>
Source record: 48819
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

```
"Slow Code" <my.mail@no.spam> wrote in message
news:mSKbh.5852$1s6.3802@newsread2.news.pas.earthlink.net...
> "U-Know-Who" <no-one@nowhere.com> wrote in
> news:Klrbh.5898$_H5.4204@tornado.texas.rr.com:
>
>>
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:fjLah.4143$tM1.1155@newsread1.news.pas.earthlink.net...
>>> "U-Know-Who" <no-one@nowhere.com> wrote in
>>> news:Svs9h.2203$_H5.295@tornado.texas.rr.com:
>>>
>>>>
>>>> "Slow Code" <my.mail@no.spam> wrote in message
>>>> news:E1s9h.2642$ql2.1992@newsread3.news.pas.earthlink.net...
>>>>> "U-Know-Who" <no-one@nowhere.com> wrote in
>>>>> news:Jo89h.2462$Gk5.1576@tornado.texas.rr.com:
>>>>>
>>>>>>
>>>>>> "Slow Code" <my.mail@no.spam> wrote in message
>>>>>> news:Vx59h.2178$ql2.1579@newsread3.news.pas.earthlink.net...
>>>>>>> Joe Bloe <abaslon@comcast.net> wrote in
>>>>>>> news:oei7m2hhbvm46q3qmkkfl4k7ui4tdtqei9@4ax.com:
>>>>>>>
>>>>>>>>> On Tue, 21 Nov 2006 00:54:50 GMT, Slow Code <my.mail@no.spam>
>>>>>>>>> wrote:
>>>>>>>>>
>>>>>>>>>>"U-Know-Who" <no-one@nowhere.com> wrote in
>>>>>>>>>>news:5lO7h.283$_H5.256@tornado.texas.rr.com:
>>>>>>>>>>
>>>>>>>>>>>
>>>>>>>>>>> "Slow Code" <my.mail@no.spam> wrote in message
>>>>>>>>>>> news:1wN7h.626$sf5.622@newsread4.news.pas.earthlink.net...
>>>>>>>>>>>> jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote in
>>>>>>>>>>>> news:ej8knc$kn5$1@news.hawaii.edu:
>>>>>>>>>>>>
>>>>>>>>>>>>> John Smith <assemblywizard@gmail.com> wrote:
>>>>>>>>>>>>>>Idiot, check your spelling, it's "group troll."
>>>>>>>>>>>>>
>>>>>>>>>>>>> Well, let's see if he ment "poll" or "troll":
>>>>>>>>>>>>>
>>>>>>>>>>>>>
>>>>>>>>>>>>> 0 2 4 6 8 10
>>>>>>>>>>>>> /
```

>>>>>>>>>>>> /
>>>>>>>>>>>> /
>>>>>>>>>>>> /
>>>>>>>>>>>> /
>>>>>>>>>>>> /
>>>>>>>>>>>> /
>>>>>>>>>>>> /
>>>>>>>>>>>> POLL-O-METER
>>>>>>>>>>>
>>>>>>>>>>>
>>>>>>>>>>>
>>>>>>>>>>>> So what appliances does everyone hope Santa brings them for
>>>>>>>>>>>> Xmas?
>>>>>>>>>>>
>>>>>>>>>>>> HF, VHF, UHF, KENWOOD, YAESU, ICOM, Cobra?
>>>>>>>>>>>
>>>>>>>>>>>
>>>>>>>>>>>> I couldn't think of anything for myself, so I hope I just get a
>>>>>>>>>>>> some componants and a new soldering iron for projects so I can
>>>>>>>>>>>> keep moving forward in ham radio.
>>>>>>>>>>>
>>>>>>>>>>>> SC
>>>>>>>>>>>
>>>>>>>>>>>> And spell check for your PC. :-)
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>>Which one do you have? I want Santa to bring me a different one.
>>>>>>>>>>>The one you have doesn't work.
>>>>>>>>>>
>>>>>>>>>>>SC
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>> Clip and paste to "Word for Windows". . . It's got the best
>>>>>>>>>> spell
>>>>>>>>>> checker in the market. Just leave it running in the backgrould
>>>>>>>>>> and call it up when you need to type out a letter or two.
>>>>>>>>
>>>>>>>>
>>>>>>>> Thanks, I'll pass that on to U-Know-Who, but he probably don't
>>>>>>>> have word, just computer games.
>>>>>>>>
>>>>>>>> SC
>>>>>>>
>>>>>>> I have Office Pro 2003
>>>>>
>>>>>
>>>>> WOW
>>>>>
>>>>> SC
>>>>

>>>> I ran your posts through it. It said to please excuse the idiot in
>>>> Colorado who can't afford a high-speed connection.
>>>
>>>
>>> Your CB radio not back from the repair shop so you got to attack real
>>> radio operators? I knew you went for those "easy-to-burn-up' Cobra
>>> and Galaxy brand appliances.
>>>
>>> Oh, and I don't live in colorado, I'm ya alls next door neighbor.
>>>
>>> Howdy Neighbor. Heee Heee Heeeeeeee!
>>> SC
>>
>> IP Information 4.230.12.15
>> Record Type: IP Address
>> Cached Whois: Cached today
>> IP Location: United States - Texas - Houston - Level 3
>> Communications
>> Inc
>> Reverse DNS: dialup-4.230.12.15.Dial1.Houston1.Level3.net
>> Blacklist Status: Currently Listed (history)
>>
>
>
> From: "U-Know-Who" <no-one@nowhere.com>
> Subject: Re: Group poll.
> Message-ID: <Klrbh.5898$_H5.4204@tornado.texas.rr.com>
> Date: Thu, 30 Nov 2006 02:28:58 GMT
> NNTP-Posting-Host: 67.10.92.242
>
>
> nslookup 67.10.92.242
> Canonical name: cpe-67-10-92-242.houston.res.rr.com
> Addresses: 67.10.92.242
>
>
>
> Howdy Neighbor!
>
> SC
>

Yeah, but I have high speed. I can afford it. You, well now I understand why
you like CW so much. It goes well with the spark gap that you use...of
course most hams have real equipment, but you can only use what you can
kludge together with old beer cans and salvaged copper wire.

3099. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 01:27:23 UTC
From: Mark@kb9rqz.aprs
Message-ID: <s61vm2lfhrjhveda0hrdtt95qpq4e8vli3@4ax.com>
Source record: 48820
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

```
On Fri, 01 Dec 2006 00:40:59 GMT, Slow Code <my.mail@no.spam> wrote:

>"Radiosrfun" <Radiosrfun@radiosrfun.com> wrote in
>news:456eef03$0$5804$ecde5a14@news.coretel.net:
>
>> "JOHN D" <jawnd393one@yahoo.com> wrote in message
>> news:4exbh.8880$Kw2.30@trndny05...
>>>
>>> "Slow Code" <my.mail@no.spam> wrote in message
>>> news:T1s9h.2650$ql2.1375@newsread3.news.pas.earthlink.net...
>>>>
>>>>
>>>> We need to keep the CW requirement and increase it. We shouldn't let
>>>> ham radio get dumbed down again.
>>>>
>>>> SC
>>>
>>> It doesn't take a damn bit of knowlege of electronics, radio,
>>> propagation or
>>> regulations to learn cw.
>>> So how is cw gonna prevent the dumbing down of ham radio.
>>> Why are you not stressing a need for better testing for technical
>>> competentcy to prevent the dumbing down?
>>> There are a lot of engineers, technicians and hobbyists who allready
>>> know electronics who might be interested amateur radio, but don't have
>>> time or interest to fool around learning code. Once licenced some,
>>> maybe many, of these people would develope an interest in cw.
>>>
>>>
>>
>> I personally know of very good 2 way radio techs - one who won't go for
>> a ham license because of the code - the other has acquired his NO-Code
>> Tech, but won't go any higher because he "doesn't" want to fool with the
>> code. So, Code "may" be keeping out some otherwise good operators. CW
>> alone - isn't "dumbing" down - ham. It's the "STUPID MANUALS". With
>> them, you don't "need" electronics, just the ability to learn a few "one
>> liner" answers. Almost amounts to a mouse in a maze smelling cheese to
>> direct it. PUT SOME TEETH back into the "THEORY". Some of the bozos I've
>> met - can't tell the difference from a fuse and a resistor. That is
>> pathetic.
>>
>> If you "choose" "just" to BS - CB is the way - and it too "can" be a
>> good hobby, if you don't have to contend with a lot of the same CRAP -
```

>> of everyone splattering, constantly saying Audio, keying up just to piss
>> people off, and so on. IF you choose to "LEARN" - Ham "can" be the way.
>> But then again, even at this point, I know some CBers who know more than
>> many No Coders - or even Extras for that matter. There "are" some
>> "serious" CBers out there who "get into" their equipment - knowledge
>> wise. They have a "desire" to learn. There again, they won't go ham
>> BECAUSE of the code. It is a two sided coin - but regardless - both CB
>> AND HAM - have a lot of "nice" folks and a lot of idiots - who - "could"
>> be better operators if they tried. These Ham tests - do "not" test the
>> "psychological" make up of people.
>>
>> Code is ok - but it's not the salvation of the world - and certainly not
>> the Ham hobby.
>>
>> Still again - SC has "YET" to show proof of a license to back up his
>> claims. People need to "ignore" him and move on.
>
>
>Tnx, 73, Good luck on the code test.

Luck surely it is amtter of hard work steve otherwise it does not
count
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3100. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 01:27:56 UTC
From: Mark@kb9rqz.aprs
Message-ID: <h81vm2l8uunv5j7uv436nvuuinj9fghoa3@4ax.com>
Source record: 48822
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.policy,rec.radio.amateur.antenna

On Fri, 01 Dec 2006 00:40:44 GMT, Slow Code <my.mail@no.spam> wrote:

>"John Smith" <assemblywizard@gmail.com> wrote in
>news:ekn5up$5ll$1@news.ndhu.edu.tw:
>
>>
>> "K4YZ" <stevenrobeson@yahoo.com> wrote in message
>> news:1164905170.190670.243160@16g2000cwy.googlegroups.com...
>>> ...
>>> do it because I'm already in a high stress job and he's cheap
>>> entertainment.
>>>
>>> 73
>>>
>>> Steve, K4YZ
>>>
>>
>> If you are NOT SC, you are his brother... indeed the
>> glitch/mis-configuration/error or settings which have been introduced
>> into your news reader/poster is a dead giveaway!
>
>
>You're as looney as Markie, John. Stop trying to figure out who
>everyone is and maybe try to work on being a good radio operator. Then
>maybe your presence on the internet will be valuable.
>
>SC
steve/SC you have ben busted
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3101. Re: Aren't any of you going to help me?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 01:28:30 UTC
From: Mark@kb9rqz.aprs
Message-ID: <391vm2hc5qog2mgrimh4lgnerr8pergpeb@4ax.com>
Source record: 48823
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

```
On Fri, 01 Dec 2006 00:40:45 GMT, Slow Code <my.mail@no.spam> wrote:

>John Smith <assemblywizard@gmail.com> wrote in news:ek1g2l$9k7$1@aioe.org:
>
>> Slow Code wrote:
>>> "Dee Flint" <deeflint01@comcast.net> wrote in
>>> news:-fCdnattvLkdOfbYnZ2dnUVZ_oadnZ2d@comcast.com:
>>>
>>>> "Slow Code" <my.mail@no.spam> wrote in message
>>>> news:4jLah.4136$tM1.1859@newsread1.news.pas.earthlink.net...
>>>>> I'm I the only one that wants quality hams?
>>>>>
>>>>> SC
>>>> I'm an active elmer and work at helping all become quality hams.
>>>>
>>>> Dee, N8UZE
>>>
>>>
>>> But if we push for good tests, new hams will have a leg up and we won't
>>> have to elmer them as much and if we push for really really really good
>>> tests, they can elmer us after they get licensed.
>>>
>>> SC
>>
>> Slow Idiot:
>>
>> You must be the most vile, degraded, despicable, disgusting pos (pos =
>> piece of chit) which ever fooled their vec and obtained a license. You
>> are disgusting beyond description. I pity your neighbors, I believe
>> they have ALL had problems with you, I believe the police, sheriff and
>> county officials in your county all know you. I bet your children
>> despise you, if your wife is still with you--she is a saint! You are
>> not just a lightweight idiot, you are a complete idiot. You do the name
>> IDIOT! much service, you never cease to be complete and an ideal example
>> of an IDIOT. I bet some here do not realize how much you tax the
>> services of city, county and state with your ridiculous and childish
>> behaviors, wants, fits, temper tantrums, generally foolish behavior,
>> etc.
>>
>> You would truly be a very funny joke, if you were not such an example of
>> human depravity. You remind me of the disgust I feel when I see child
>> molesters and people masturbating in public, drunks, hopeless alcoholics
>> and drug addicts, disease infested whores, etc.
```

>>
>> I would truly like to leave you with a picture of how disgusting,
>> reviling, sick and putrid an individual I view you as, but mere words
>> could never paint a proper and complete example. You are beyond words,
>> you are beyond my most vilest visions of disgust, you are a pinnacle of
>> chit!
>>
>> Now, all that said, I think you are pulling our legs, no one could
>> possibly be so disgusting and stupid--you are just pretending! <grin>
>>
>> JS
>
>
>
>Tnx, 73, Good luck on the code test.
Luck that means it does not if you got lucky you did not work for it
steve
>
>Sc
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3102. Re: It's a war people, and the ProCoder want to kill the ARS

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 01:32:40 UTC
From: Mark@kb9rqz.aprs
Message-ID: <gg1vm2p2vsqtuqffmv9r761h333cgrq95b@4ax.com>
Source record: 48825
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Fri, 01 Dec 2006 00:40:58 GMT, Slow Code <my.mail@no.spam> wrote:

>LenAnderson@ieee.org wrote in
>news:1164917947.857392.139860@16g2000cwy.googlegroups.com:
>
>> From: "John Smith" on Wed, Nov 29 2006 8:18 pm
>>
>>>Slow Idiot:
>>>
>>>I am going to do you a BIG favor. You didn't know I was psychic, did
>>>you? Well, I am, let me give you a reading...
>>
>> "Bang on," John (as they say in the UK). :-)
>>
>>>You are the kind of guy who impresses young children, old women, and
>>>mentally and technically challenged individuals. You realize that you
>>>have that special autistic ability of being able to rap out, and quite
>>>profusely--probably, those taps in code. You were quick to realize that
>>>individuals with low self esteem, persons of low self-worth and
>>>individuals seeming to lack any skills what-so-ever were VERY impressed
>>>by such an ability--of course these individuals also failed to realize
>>>just how stupid it was to "hero worship" such a trivial ability.
>>
>> Such hero worship is over a half century LATE. But, some have
>> had their thinking conditioned by continuous propaganda from
>> a certain membership organization for just as long. Their brains
>> have been thoroughly washed and they found themselves hung out
>> to dry in the yard of ignorance and apathy of a time gone by.
>>
>>>However, for one such as you, un-remarkable in all other ways type of
>>>guy, no great IQ, no other real skills or abilities, a general inability
>>>to get along in the general society, etc... for you, this was a way of
>>>"feeling special." But, it came at a price, it blinded you to how
>>>simple others with real abilities, high IQ's, great skills, good social
>>>abilities, etc. viewed you. You simply shut your ears, your eyes and
>>>your mind to reality; you finally reached a point where you were unable
>>>to care, to see... You came to live in your "special world" where you
>>>are quite special, talented, skilled, etc. You live there now, you
>>>think you enlighten us with your wasted "text verbiage" here, you draw
>>>upon others good will and tolerance, you keep thinking you have a great
>>>message to impart to us. That soon a revelation will strike us and we
>>>will all recognize you for the great man you think you are...
>>

>> "Great man?" No, a Grate man, a sociopathic bigot.
>>
>>>This story goes on and on, indeed, it appears as if it is one of those
>>>special, un-ending story with you painted as lead hero, painted as such
>>>by you, yourself--of course... well, even you can see where I am going
>>>with all of this. And, you know it is true. You know we will be
>>>watching your behavior in sheer unbelief and amazement, you realize you
>>>really do look quite stupid. You realize you have painted yourself into
>>>a corner which you cannot escape. And, it dawns upon you, you have
>>>nothing to lose, all credibility is lost--you may as well continue on
>>>your present course--there is nothing to be lost--it has already been
>>>gone for quite a time... still, your only two choices is facing your
>>>peers disgust, or quitting, and I am betting you just can't quit. I
>>>have never seen an individual like you who was able...
>>
>> He can't quit now. Like Robeson, he's already dug his way too
>> deep into his own egotistical underworld, has NOTHING to support
>> his conception beyond the Archaid Radiotelegraphy Society (ARS)
>> propaganda that is over a half century out of date.
>>
>>>Good luck...
>>
>> I cannot agree on that...for, like all egotistical bigots, he
>> insists that he is the "model" for all to emulate. Ignorance
>> of the rest of the radio world is no excuse. Rather, I wish
>> him all the bad luck possible. :-(
>>
>>>P.S. I am really not psychic--but you already knew that... It is just
>>>that such small intellect as you display is simple to define... but you
>>>knew that--already. You are simply trapped by the particular mental
>>>disorder which plagues you, your world is small and therefore you expect
>>>it to be so for all others. You are now but an actor on a stage--your
>>>part has already been written, you now only perform your part... a
>>>limited performance, a small performance, a vile performance, but
>>>still--it is yours, and it tells a much larger picture about you--how
>>>much better it would be if performed for people who actually cared...
>>
>> Absolutely NO psychic abilities needed to see his "act" and
>> judge this meanderthal of morse. If he were really on stage
>> he would be booed off without any audience hesitation. Exit
>> stage left...hastily.
>>
>> The odd part of these forums is that they do NOT exit. These
>> sociopathic bigots enjoy their own virtual worlds too well to
>> leave. Separated by time, distance, and anonymity possible
>> in here, they fear nothing and operate with impunity. They
>> love only themselves and their words, the "getting even" with
>> all others who have given them frustrations elsewhere. They
>> need the tarnkappen of their own-tailored invisible clothes
>> of grandeur. If there be pity for them it would be for their

>> own naked ignorance.
>>
>> LA
>
>
>We dare not let Lenny and the rest of the dumb-it-down crowd win.

you are the dumb it crowd
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3103. Re: Ever hear an operator on the bands that you'd just like to slap the shit out of?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 02:33:59 UTC
From: Bret Ludwig <bretldwig@yahoo.com>
Message-ID: <1164940438.946521.207980@j44g2000cwa.googlegroups.com>
Source record: 48826
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.swap

John Smith wrote:
> Ahhhh.... Now it becomes clear to me, you were right to hang on with
> your persistence, a revelation has occurred to me!
>
> Yes, yes you are! You are the best argument to tossing the rig and
> grabbing some chicken band equipment which has ever been posed to me!
>

Most of the chicken bandits in my area run ham equipment, commonly
Yaesus and KWM-2s.

3104. Re: Modifying CB whip for HF bands

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 04:35:57 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <OiObh.78$Zb5.60@newsfe13.phx>
Source record: 48827

another take on modified antennas ...

I have a magmount dual-bander on the roof of my mini van. It terminates in a BNC for use on an HT.

The stock AM/FM car radio antenna went bad with an open shield and it was picking up lots of noise. I pulled the radio far enough out of the dash to unplug the bad antenna. I plugged in a Moto-to-BNC adapter and dropped a short piece a piece of RG-58 down to where I could mate it with the mag mount's cable connector. Works great. Quick disconnect BNC lets me go back and forth as necessary.

BONUS: For our regular trips across the desert, I have an extra-long whip element that I substitute in the magmount base. I lose the match at 440 but it still works like a champ for 2M or AM/FM, my choice.

I have not played with diplexing as swapping connectors seems too easy. Yeah, a switch maybe ... someday.

3105. Re: FM Transmitter for CD Players?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 04:37:25 UTC
From: "W. Watson" <wolf_tracks@invalid.com>
Message-ID: <9kObh.5503$tM1.3337@newsread1.news.pas.earthlink.net>
Source record: 48828

Tom Ring wrote:

> W. Watson wrote:
>
>> Yikes! I think you're right. I can probably cut them off at the pass
>> this morning. They said it would be shipped today. I was looking at
>> the picture thinking that was the whole unit. I see some other units,
>> but they seem to be quite high priced compared the the battery
>> operated MW unit I had. Of course, Crane is usually above the general
>> price on everything.
>
>
> Their transmitter may cost more, but is a cut above the 2 or 3 others I
> have owned previously. It's also one of the only ones I've purchased
> that actually seems to put out something in the range of legal power and
> deviation, as opposed to the Radio Shack ones (no longer on the market)
> that will go REAL wide. It's also nice to have a fully synthed unit as
> opposed to many that just are on a 4 or so freqs and that's all.
>
> tom
> K0TAR
>
I'm about to refuse delivery of the kit when it arrives, and I've ordered
the orphan. I think this should be a very helpful device. I cannot get a
distant station in SF, KGO, because I need a device in the bedroom where I
have the C. Crane radio that interferes with KGO. When I put it 30' away,
reception is fine. So I'll hook up the FM xmitter to the Crane and pick it
up on another radio in the bedroom. This will also help in an out building
where reception isn't so hot for a number of FM/AM stations.

Wayne T. Watson (Watson Adventures, Prop., Nevada City, CA)
(121.015 Deg. W, 39.262 Deg. N) GMT-8 hr std. time)
Obz Site: 39ï¿½ 15' 7" N, 121ï¿½ 2' 32" W, 2700 feet
--
"I have made this letter [e-mail] a rather long one, only
because I didn't have the lesiure to make it shorter."
-- Blaise Pascal
Web Page: <home.earthlink.net/~mtnviews>

3106. Mounting antennas atop rowhomes?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 04:42:28 UTC
From: "E. Recio" <e_recio_polywog_org_FirstTwo_at_SecondTwo@foobar.com>
Message-ID: <16c19$456fb2b6$4503f904$7006@msgid.meganewsservers.com>
Source record: 48829

I want to get a simple omnidirectional antenna in the air. Part of the issue is that I have heard hairy stories about attaching the antennas to the chimney. Problem is that I live in a rowhome. The front and rear is stucco. Really the only thing to attach it to is the chimney...

I can drill into the stucco in the rear of the house, I guess... but would like to get some ideas?

I am thinking something for 440/1.2G. But that's just the beginning (since it's the smallest, I am figuring). Additionally, whatever the mechanics of what I put up, it - the mounts - should be able to support larger antennas for the lower bands for the future.

Any ideas would be helpful. I kinda want to do this right to save myself pains of structural damage to the house 10 years down the road.

-E

3107. Re: It's a war people, and the lazy asses are trying to take over.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 05:01:39 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ekod7b$1vru$1@news.ndhu.edu.tw>
Source record: 48830
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

Slow Code wrote:
>
> We dare not let Lenny and the rest of the dumb-it-down crowd win.
>
> SC

SC:

Sometimes I am convinced that you are an excellent "satire comedian." Other times, you have me convinced you are for real. Sometimes you have me busting a gut and laughing until tears come, other times you yank my heart-stings in pity.

Take this last post of your, it can be viewed as tongue-in-cheek satire, or, it can be viewed as insane rant.

Certainly you cannot place much importance on CW. Amateurs have a real purpose, to expand radio on ALL frontiers. Help in the community, help in educating the youth in radio, help in disasters, help in developing techniques, equip., theory development, etc. (the list really goes on-and-on here)

Probably the least important aspects of all this is rag chewing, contesting, favoritism of individuals and groups, etc. They are fun for some and amateur radio has a place for these activities, but these are self-serving and we must be careful least amateurs on a whole end up being judged on such self-serving behaviors. However, when we are taking from amateur radio for our own personal goals, likes and entertainment we are NOT giving. Or, put simply, I can easily imagine Einstein, Tesla, De Forest, Bell, etc. having a great interest in radio, however, I am in doubt as to them getting excited about having to learn morse to obtain the license.

So, when you go crying "the sky is falling" over amateur radio progressing and dropping an ancient tradition of morse testing, how can any logical mind view you as NOT being self-serving, how can anyone take you seriously at all? Are you a con man attempting to sell us the idea that you really see great benefit in CW? That CW is a major part of radio in 2006? Come on man, anyone crying such nonsense is going to be called on those cons schemes immediately.

You see CW as being a real barrier, something that many who desperately want to become amateurs will avoid and by so avoiding fail to obtain an amateur license. Certainly you cannot really believe that; you can see how people would view you as deranged if you held such views, can't you?

If someone really wants an amateur license, it they are so devoted to hero worship of amateurs as your were--they will end up with that license in their back pocket--even some uneducated and mentally challenged person from the back swamps of DumbBuck Egypt can learn to tap that code if he/she is driven.

I think as a young man, you viewed amateurs in some form of hero worship. I think you viewed them as larger than life. I am afraid that once you obtained your license, these fantasies did not fade. Indeed, you wove these fantasies into your ego and your ego became dependent on your amateur license hanging on your wall. You recognized that if a very large number of people had amateur licenses (say the same number who hold fishing licenses or drivers licenses or contracting licenses, etc.) your feeling of being "special" would go away. So, you began to plot. You began to find ways you felt would stop people from getting licenses and get behind those ideas and push them and sell them. You certainly knew there were other such individuals as yourself out there and they would come to your aid. Indeed, I do not even think you were the one to come up with the original idea, I think that would have been beyond you. Someone else came up with the idea, you just jumped on his/her bandwagon.

So, now we arrive here. And, you are indeed correct, CW does make some shy away from amateur radio. The reward of having an amateur license is just not big enough for them to learn a set of dits and dahs to send messages with, frankly, I see Einstein never bothered. I guess you look at this as a "winning" situation, I do not. I look at it as a evil self-centered plan which you and others are engaged in to limit amateur radio, and it just kind-of-got-that-way because no one has taken you to task.

I know of no good reasons to maintain any CW requirement in amateur testing. Even learning it for historical reasons does not justify the expenditure of time and effort it requires just to purchase a radio, buy an antenna and grab up a mic (and that is exactly what the large majority of amateurs are today, code tapping appliance users.)

In all your rants I see no real reasons for maintaining the CW requirement. In fact, when you are hard pressed and under attack, you admit to having your self-centered self at the core of you manipulations.

If you think I hate you, I do not. If you think I see you as the most evil person I have ever conversed with, I do not--I have some neighbors much worse. I just don't understand you. And, why that is, is because no one here is attempting to "win" by eliminating morse. We are attempting to win by making amateur radio enticing enough to fill our ranks with new bright minds, something YOU SHOULD place much more importance on. Indeed, CW pales in comparison when viewed side-by-side.

Let me leave you with one important "vision" to dwell upon. Next time you are a social event, a cocktail party, a civic function, etc. and you find someone, or some group who is really, really impressed with you

being an amateur radio operator--then, right at that time, take a really, really good look at those people who are so all impressed and tell me if it really matters that you impress "those people?" If you say yes, you and I don't even live in the same universe.

Regards,
JS

3108. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 05:27:49 UTC
From: Ron <apositiveplace@netscape.net>
Message-ID: <r3Pbh.2498$2t1.625@newsfe18.lga>
Source record: 48831
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.policy,rec.radio.amateur.antenna

```
<Mark@kb9rqz.aprs> wrote in message
news:vl3um2l9dhdjftl39tqpkt0q1160svd1d1@4ax.com...
> On Thu, 30 Nov 2006 09:32:27 -0600, "Ron"
> <apositiveplace@netscape.net> wrote:
>
>>
>><kb9rqz-3@hotmail.com> wrote in message
>>news:1164850369.695044.254260@h54g2000cwb.googlegroups.com...
>>>
>>> Slow Code wrote:
>>>> gwatts <gwatts@frontiernet.net> wrote in
>>>> news:u8Wah.6331$Ka1.5324@news01.roc.ny:
>>>>
>>>> > Slow Code wrote:
>>>> >> ... If you want to shit
>>>> >> your diaper, please take it to the CB group, or start up a new own
>>>> >> thread with Markie and Opus.
>>>> >>
>>>> >> SC
>>>> >
>>>> > Is this how you only start a thread and let everyone else keep it
>>>> > going?
>>>> >
>>>> > You're rapidly approaching pitiful.
>>>> >
>>>> > W8LNA
>>>>
>>>>
>>>> He wanted to push for dumbing down ham radio, and we can't let that
>>>> happen
>>>> in a thread that wants to protect it.
>>>
>>> nobdoy but the ProCode want Ham radio dumbed down
>>>
>>> we are just trying to free Ham radio form the orible hamr done by the
>>> ARRL with incentive licensing
>>
>>Are you a "Pro-Code" person?
> no
>
> indeed I think the ARS would better off if code use were banned but I
> still believe in free speech
```

Interesting. Does speach apply to CW? After all, it is a non-voice form of operation.

>> If so, then how is it that you can be so with
>>such poor spelling skills?
>
> GIGO

Can I assume by that you mean that you never learned to spell?

OK, neither did I, but then again my news reader has a spell-checking program.

>>
>>If you are an example of what a "Pro-Code" person is, then I don't think
>>that HAM can really be "dumbed" down any further.
>
> we are trying to end the dumbing down by ending code testing
>>
>>Ron
>>
> http://kb9rqz.blogspot.com/

I am a no-code op. Removing the requirement for CW neither dumbs down the HAM service, nor makes it more intelligent. CW is a niche form of operation anymore. Some people enjoy it for reasons that I cannot personally fathom, but what the heck, if its their thing then let them have at it. More power to them. CW is no longer the main mode of operation used anywhere in the world. Phone is. CW has no "practical" use any longer, it is used for entertainment only. Again, more power to those who choose to do it. Removing the 5wpm requirement for more advanced licensing only makes sense. No one requires anyone to know PSK31 or RTTY now do they? The FCC does not add that as a specific element of the testing process because it is a "mode" of operation, no more or less than CW is. Knowing and being able to operate CW does not make one more of a man, more of a woman, smarter, taller, slimmer, or better looking. Its just another mode of operation, one that is going into retirement slowly and painfully. Why not just let those who enjoy it, do so, and let the rest of us get on with expanding the hobby into new areas that technology make available to us. Why force us to regress 30 years instead of allowing those who enjoy CW to learn and participate in the revolution that technology is providing for the Amateur Radio Service?

Ron

3109. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 05:35:29 UTC
From: Mark@kb9rqz.aprs
Message-ID: <gdfvm29ptmb6lkaro7vc8ppvkcecb41afp@4ax.com>
Source record: 48832
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.policy,rec.radio.amateur.antenna

```
On Thu, 30 Nov 2006 23:27:49 -0600, "Ron"
<apositiveplace@netscape.net> wrote:

>
><Mark@kb9rqz.aprs> wrote in message
>news:vl3um2l9dhdjftl39tqpkt0q1160svd1d1@4ax.com...
>> On Thu, 30 Nov 2006 09:32:27 -0600, "Ron"
>> <apositiveplace@netscape.net> wrote:
>>
>>>
>>><kb9rqz-3@hotmail.com> wrote in message
>>>news:1164850369.695044.254260@h54g2000cwb.googlegroups.com...
>>>>
>>>> Slow Code wrote:
>>>>> gwatts <gwatts@frontiernet.net> wrote in
>>>>> news:u8Wah.6331$Ka1.5324@news01.roc.ny:
>>>>>
>>>>> > Slow Code wrote:
>>>>> >> ... If you want to shit
>>>>> >> your diaper, please take it to the CB group, or start up a new own
>>>>> >> thread with Markie and Opus.
>>>>> >>
>>>>> >> SC
>>>>> >
>>>>> > Is this how you only start a thread and let everyone else keep it
>>>>> > going?
>>>>> >
>>>>> > You're rapidly approaching pitiful.
>>>>> >
>>>>> > W8LNA
>>>>>
>>>>>
>>>>> He wanted to push for dumbing down ham radio, and we can't let that
>>>>> happen
>>>>> in a thread that wants to protect it.
>>>>
>>>> nobdoy but the ProCode want Ham radio dumbed down
>>>>
>>>> we are just trying to free Ham radio form the orible hamr done by the
>>>> ARRL with incentive licensing
>>>
>>>Are you a "Pro-Code" person?
>> no
```

>>
>> indeed I think the ARS would better off if code use were banned but I
>> still believe in free speech
>
>Interesting. Does speach apply to CW? After all, it is a non-voice form of
>operation.

sure it does

which is ilrelavant to the fact that the ARS would be better off if it
were banned

staing that the ARS would be better if CW USE were banned is not the
same as calling for it to be to be

that you choose imply it is is indicative of your lack of skill with
english or in your lack of belief in the free speech rights of all

the facts you object and insinate that I lack the free speech to state
my opinion is IMO indicative that you don't truely believe in free
speech etc for yourself
>
>>> If so, then how is it that you can be so with
>>>such poor spelling skills?
>>
>> GIGO
>
>Can I assume by that you mean that you never learned to spell?

you can assume what ever you like. that amoug your absolute rights

as is the right to be an ass

you excerise both as you choose
>
>OK, neither did I, but then again my news reader has a spell-checking
>program.

the one I prefer does not
>
>>>
>>>If you are an example of what a "Pro-Code" person is, then I don't think
>>>that HAM can really be "dumbed" down any further.
>>
>> we are trying to end the dumbing down by ending code testing
>>>
>>>Ron
>>>
>> http://kb9rqz.blogspot.com/
>
>I am a no-code op.

realy? so am I

> Removing the requirement for CW neither dumbs down the
>HAM service, nor makes it more intelligent.

indeed
> CW is a niche form of operation
>anymore. Some people enjoy it for reasons that I cannot personally fathom,
>but what the heck, if its their thing then let them have at it. More power
>to them. CW is no longer the main mode of operation used anywhere in the
>world. Phone is. CW has no "practical" use any longer, it is used for
>entertainment only. Again, more power to those who choose to do it.
>Removing the 5wpm requirement for more advanced licensing only makes sense.
>No one requires anyone to know PSK31 or RTTY now do they? The FCC does not
>add that as a specific element of the testing process because it is a "mode"
>of operation, no more or less than CW is. Knowing and being able to operate
>CW does not make one more of a man, more of a woman, smarter, taller,
>slimmer, or better looking. Its just another mode of operation, one that is
>going into retirement slowly and painfully. Why not just let those who
>enjoy it, do so, and let the rest of us get on with expanding the hobby into
>new areas that technology make available to us. Why force us to regress 30
>years instead of allowing those who enjoy CW to learn and participate in the
>revolution that technology is providing for the Amateur Radio Service?

all true
>
>Ron
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3110. Re: kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 05:57:03 UTC
From: Mark@kb9rqz.aprs
Message-ID: <0ugvm21f58k5mek8gq3elmh92a34ckis2q@4ax.com>
Source record: 48834
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

On Tue, 28 Nov 2006 15:12:01 GMT, "R. Scott" <spamtrap@w7psk.net>
wrote:

>Do Like I did, Put SC on ignore.

well that just sorta pastes over the cockraoch they are still there
never saw any percentage in avoiding the truth
>
>He obviously wants to drive everyone from Ham Radio. He has a Bile taste in
>his mouth from a bad experiance so he now wishes everyone to have a bad
>experiance. He will not rest till he drives everyone from Ham Radio. So I
>ignore him as he no longer provides value for my reading time.
>
>Its the old Crusty Crumudgeons like him that drive the new people away.

agreed but a counter point is needed to help conter his sort
>
>
>
>Rick Scott W7PSK
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3111. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 06:05:10 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ekogu7$6pv$1@aioe.org>
Source record: 48835
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.policy,rec.radio.amateur.antenna

Mark@kb9rqz.aprs wrote:

> the one I prefer does not

Mark:

Take a look at this link, the software is shareware, claims to work with
ANY windows app. I am hoping it might be worth your time, look for the
download link, I have not tried it.

http://www.sharewareconnection.com/spell-magic.htm

Regards,
JS

3112. Re: kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 06:44:56 UTC
From: Radiosrfun <Radiosrfun@radiosrfun.com>
Message-ID: <456fce2e$0$5799$ecde5a14@news.coretel.net>
Source record: 48836
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

"R. Scott" <spamtrap@w7psk.net> wrote in message
news:J9G4w1.BG3@news.boeing.com...
> Do Like I did, Put SC on ignore.
>
> He obviously wants to drive everyone from Ham Radio. He has a Bile taste
> in his mouth from a bad experiance so he now wishes everyone to have a bad
> experiance. He will not rest till he drives everyone from Ham Radio. So
> I ignore him as he no longer provides value for my reading time.
>
> Its the old Crusty Crumudgeons like him that drive the new people away.
>
>
>
> Rick Scott W7PSK
>
>

He isn't driving "me" away from ham. People like him - come and go every day
in my life. I look past them.
I just wish "others" in "here" did that! His posts are ruining "these"
newsgroups.

3113. Re: kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 06:59:05 UTC
From: Radiosrfun <Radiosrfun@radiosrfun.com>
Message-ID: <456fd180$0$5805$ecde5a14@news.coretel.net>
Source record: 48837
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

"Radiosrfun" <Radiosrfun@radiosrfun.com> wrote in message
news:456fce2e$0$5799$ecde5a14@news.coretel.net...
> "R. Scott" <spamtrap@w7psk.net> wrote in message
> news:J9G4w1.BG3@news.boeing.com...
>> Do Like I did, Put SC on ignore.
>>
>> He obviously wants to drive everyone from Ham Radio. He has a Bile taste
>> in his mouth from a bad experiance so he now wishes everyone to have a
>> bad experiance. He will not rest till he drives everyone from Ham Radio.
>> So I ignore him as he no longer provides value for my reading time.
>>
>> Its the old Crusty Crumudgeons like him that drive the new people away.
>>
>>
>>
>> Rick Scott W7PSK
>>
>>
>
> He isn't driving "me" away from ham. People like him - come and go every
> day in my life. I look past them.
> I just wish "others" in "here" did that! His posts are ruining "these"
> newsgroups.
>
>

And for what it is worth, I've been an Extra for about 12 years now. No one
yet - knows what SC is/was! He's never said, that "I" know of. Though I have
my "Extra" - I kept my "Novice" call sign.

3114. Does icom w32e work well with optional antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 08:15:11 UTC
From: iche <ichejohndoe@yahoo.com.tw>
Message-ID: <1164960911.640540.186720@l12g2000cwl.googlegroups.com>
Source record: 48838

hi there:
I bought a w32e transceiver the other days, the receiving sensivity is perfect when I used it with the orginal bnc short antenna, but when I changed it with another longer antenna(M-type) + 5 meters cable , the receiving sensivity drops down dramatically. The situation is : the signal indicator booms up almost to full scale, but the content of the signal is poorly readable, I've checked the optional long antenna and the cable with SX-400, they are all OK, then I send the w32e to be checked by the technician, it is OK too, so I begin to wonder :Does icom w32e work well with optional antenna? Are there anyone have the same problem as me ? or can any part go wrong ?

Regards.
desperately one

3115. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 10:15:47 UTC
From: K4YZ <stevenrobeson@aol.com>
Message-ID: <1164968147.393501.145310@f1g2000cwa.googlegroups.com>
Source record: 48839
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.policy,rec.radio.amateur.antenna

John Smith wrote:
> "K4YZ" <stevenrobeson@yahoo.com> wrote in message
> news:1164905170.190670.243160@16g2000cwy.googlegroups.com...
> > ...
> > do it because I'm already in a high stress job and he's cheap
> > entertainment.
> >
> > 73
> >
> > Steve, K4YZ
> >
>
> If you are NOT SC, you are his brother... indeed the
> glitch/mis-configuration/error or settings which have been introduced
> into your news reader/poster is a dead giveaway!

Nope.

The IP Address and servers are complete proof that I do NOT share
any annonymous character's "address".

> Perhaps your "high stress" job leads you to commit such mistakes? You
> really should look into getting some help with that "little problem" of
> yours, they have done wonders with new medications, yanno? <grin>

Sounds like Lennie, to me....

Steve, K4YZ

3116. Re: kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 13:45:30 UTC
From: Ralph <anon@anon>
Message-ID: <gltm1.2hl.17.1@news.alt.net>
Source record: 48840
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

"Radiosrfun" <Radiosrfun@radiosrfun.com> wrote in message
news:456fd180$0$5805$ecde5a14@news.coretel.net...
> "Radiosrfun" <Radiosrfun@radiosrfun.com> wrote in message
> news:456fce2e$0$5799$ecde5a14@news.coretel.net...
>> "R. Scott" <spamtrap@w7psk.net> wrote in message
>> news:J9G4w1.BG3@news.boeing.com...
>>> Do Like I did, Put SC on ignore.
>>>
>>> He obviously wants to drive everyone from Ham Radio. He has a Bile
>>> taste in his mouth from a bad experiance so he now wishes everyone to
>>> have a bad experiance. He will not rest till he drives everyone from
>>> Ham Radio. So I ignore him as he no longer provides value for my reading
>>> time.
>>>
>>> Its the old Crusty Crumudgeons like him that drive the new people away.
>>>
>>>
>>>
>>> Rick Scott W7PSK
>>>
>>>
>>
>> He isn't driving "me" away from ham. People like him - come and go every
>> day in my life. I look past them.
>> I just wish "others" in "here" did that! His posts are ruining "these"
>> newsgroups.
>>
>>
>
> And for what it is worth, I've been an Extra for about 12 years now. No
> one yet - knows what SC is/was! He's never said, that "I" know of. Though
> I have my "Extra" - I kept my "Novice" call sign.
>
That is "ok", you can keep any "call" sign you want. "Nobody" cares.
Why all the quotation marks?????

3117. Re: kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 13:49:12 UTC
From: Old Time Ham <old_fart@curmudgeons.com>
Message-ID: <jbednQVe9eJOr-3YnZ2dnUVZ_v6dnZ2d@comcast.com>
Source record: 48841
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

R. Scott wrote:
> Do Like I did, Put SC on ignore.
>
> He obviously wants to drive everyone from Ham Radio. He has a Bile taste in
> his mouth from a bad experiance so he now wishes everyone to have a bad
> experiance. He will not rest till he drives everyone from Ham Radio. So I
> ignore him as he no longer provides value for my reading time.
>
> Its the old Crusty Crumudgeons like him that drive the new people away.
>
>
>
> Rick Scott W7PSK
>
>
What is interesting is for every post SC makes, you whining crybabies
make 10!

As for driving people away, Ham Radio needs more QUALITY not QUANTITY!

3118. Re: Mounting antennas atop rowhomes?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 14:13:15 UTC
From: Bert Hyman <bert@iphouse.com>
Message-ID: <Xns988C53A086F28VeebleFetzer@127.0.0.1>
Source record: 48842

e_recio_polywog_org_FirstTwo_at_SecondTwo@foobar.com (E. Recio) wrote
in news:16c19$456fb2b6$4503f904$7006@msgid.meganewsservers.com:

> I want to get a simple omnidirectional antenna in the air. Part of
> the issue is that I have heard hairy stories about attaching the
> antennas to the chimney. Problem is that I live in a rowhome. The
> front and rear is stucco. Really the only thing to attach it to is
> the chimney...

Does it have a roof you can (or are willing to) make holes in?

While I don't live in a rowhouse, I've had a small TV tripod on the
roof which has been supporting an R5 vertical for years.

--
Bert Hyman | St. Paul, MN | bert@iphouse.com

3119. Re: Does icom w32e work well with optional antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 16:43:20 UTC
From: John Passaneau <jxp16@psu.edu>
Message-ID: <ekpm2o$1j00$1@f04n12.cac.psu.edu>
Source record: 48843

Hi:

Does the signal indicator go way up even when there is no signal? If it does
you have either a high noise level or a very strong signal that is near by
and is overloading the front end electronics in your radio. This strong
signal overload is very common in areas where there are lots of
transmitters. The short antenna doesn't pick up the offending signal but
when you go to the bigger signal it picks up more of the offending signal
and overloads your radio.

--
John Passaneau
Penn State University
Physics Dept.

"iche" <ichejohndoe@yahoo.com.tw> wrote in message
news:1164960911.640540.186720@l12g2000cwl.googlegroups.com...
> hi there:
> I bought a w32e transceiver the other days, the receiving sensivity
> is perfect when I used it with the orginal bnc short antenna, but when
> I changed it with another longer antenna(M-type) + 5 meters cable , the
> receiving sensivity drops down dramatically. The situation is : the
> signal indicator booms up almost to full scale, but the content of the
> signal is poorly readable, I've checked the optional long antenna and
> the cable with SX-400, they are all OK, then I send the w32e to be
> checked by the technician, it is OK too, so I begin to wonder :Does
> icom w32e work well with optional antenna? Are there anyone have the
> same problem as me ? or can any part go wrong ?
>
> Regards.
> desperately one
>

3120. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 17:36:47 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ekpp5t$36c$1@aioe.org>
Source record: 48844
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.policy,rec.radio.amateur.antenna

K4YZ wrote:
> Nope.
>
> The IP Address and servers are complete proof that I do NOT share
> any annonymous character's "address".
>
> Sounds like Lennie, to me....
>
> Steve, K4YZ
>

To anyone with even an elementary understanding of anonymous proxies, anonymous remailers, zombie backdoors, etc., the ability to change ones IP address and header details is simplistic, indeed, with little time spent anyone can appear to be "coming" from anywhere in the world.

You waste my time. Worse, you think us all idiots here. You remind me of the "street smart" prosecutors and defense attorneys who stack jurys with members of little or no technical knowledge and then call in "expert witnesses" and propose arguments of technical details to boggle their minds.

You have only proven that you, yourself are either ignorant to such technical details, or else you are indeed street smart, I favor the latter in this case (however, if you in the dark about such things, 15 minutes on google will enlighten you.)

JS

3121. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 18:20:00 UTC
From: Mark@kb9rqz.aprs
Message-ID: <dfs0n2pr5oj54uv90ib5hioldo53eiijpv@4ax.com>
Source record: 48845
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.policy,rec.radio.amateur.antenna

On 1 Dec 2006 02:15:47 -0800, "K4YZ" <stevenrobeson@aol.com> wrote:

>
>John Smith wrote:
>> "K4YZ" <stevenrobeson@yahoo.com> wrote in message
>> news:1164905170.190670.243160@16g2000cwy.googlegroups.com...
>> > ...
>> > do it because I'm already in a high stress job and he's cheap
>> > entertainment.
>> >
>> > 73
>> >
>> > Steve, K4YZ
>> >
>>
>> If you are NOT SC, you are his brother... indeed the
>> glitch/mis-configuration/error or settings which have been introduced
>> into your news reader/poster is a dead giveaway!
>
> Nope.

yep
>
> The IP Address and servers are complete proof that I do NOT share
>any annonymous character's "address".

Steve I can easily fake a set of header for any location where I had
interenet access in the past

I lack the knowledge of how to generate new one but I know it is can
be done

you are therefore lying when you claim thae fact you succeeded in
comiting forgery is proof you are not SC

it is merely proof you are a forger
>
>> Perhaps your "high stress" job leads you to commit such mistakes? You
>> really should look into getting some help with that "little problem" of
>> yours, they have done wonders with new medications, yanno? <grin>
>
> Sounds like Lennie, to me....
>
>Steve, K4YZ
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3122. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 18:21:49 UTC
From: Mark@kb9rqz.aprs
Message-ID: <0ks0n2hpd00e5ncmb4aamk7j1cr3f8838p@4ax.com>
Source record: 48846
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.policy,rec.radio.amateur.antenna

On Thu, 30 Nov 2006 22:05:10 -0800, John Smith
<assemblywizard@gmail.com> wrote:

>Mark@kb9rqz.aprs wrote:
>
>> the one I prefer does not
>
>Mark:
>
>Take a look at this link, the software is shareware, claims to work with
>ANY windows app. I am hoping it might be worth your time, look for the
>download link, I have not tried it.
>
>http://www.sharewareconnection.com/spell-magic.htm

I use it some but it is very cumbersome and certainly unuable due to
time constraints when some like robeson is in full vioce or keyboard
is you prefer
>
>Regards,
>JS
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3123. Re: If CW is eliminated.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 18:41:26 UTC
From: tools <tools@attwb.net>
Message-ID: <JH_bh.27$PL.56376@news.sisna.com>
Source record: 48847
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

"Slow Code" <my.mail@no.spam> wrote in message
news:_x59h.2182$ql2.2142@newsread3.news.pas.earthlink.net...
> "tools" <tools@attwb.net> wrote in news:usZ8h.5$Bm3.138376@news.sisna.com:
>
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:PTM8h.1814$sf5.431@newsread4.news.pas.earthlink.net...
>>>
>>> You can tell everyone you're a CB'er deluxe.
>>>
>>> SC
>>
>> If code is eliminated from the US requirements, will you quit amateur
>> radio?
>
>
> If code is eliminated the riff-raff that will overrun the bands will drive
> a lot of people out of amateur radio. It's bad now even with a 5wpm code.
>
> Back when I got my license there was alot of technical discussions,
> experimentation and lot of hams improving their communication and
> technical skills. Now with 5 wpm, convertions are mainly about appliance
> operating, or how someone did something stupid and burned up their rigs,
> things just like you can hear on CB.
>
> SC Don't let
> the door hit you on your way out then.

3124. Re: POLL ABOUT CODE

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 18:43:31 UTC
From: tools <tools@attwb.net>
Message-ID: <EJ_bh.29$zN.134276@news.sisna.com>
Source record: 48848
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.swap

"Slow Code" <my.mail@no.spam> wrote in message
news:8y59h.2190$ql2.1419@newsread3.news.pas.earthlink.net...
> "tools" <tools@attwb.net> wrote in news:xuZ8h.7$dm3.113776@news.sisna.com:
>
>> If code is eliminated from US requirements, will you quit amateur radio?
>> If not, why not? If yes, why not leave now?
>
>
> No one is going to quit amateur radio because the code requirement was
> eliminated, maybe a couple might. It's the retards that will flood the
> bands afterwards that are going to drive good hams out of ham radio.
>
> We already have one CB service, we don't need two.
>
> SC Radio and
> the world will be far better when you leave.

3125. Re: Just listen to CB if you want to know what ham radio will sound like.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 18:45:09 UTC
From: tools <tools@attwb.net>
Message-ID: <cL_bh.30$mN.120951@news.sisna.com>
Source record: 48849
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

"Slow Code" <my.mail@no.spam> wrote in message
news:T1s9h.2650$ql2.1375@newsread3.news.pas.earthlink.net...
>
>
> We need to keep the CW requirement and increase it. We shouldn't let ham
> radio get dumbed down again.
>
> SC Ham
> radio was dumb enough to let you in. Can't get any dumber.

3126. Re: If CW is eliminated.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 18:49:29 UTC
From: tools <tools@attwb.net>
Message-ID: <eP_bh.31$XM.93276@news.sisna.com>
Source record: 48850
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

```
"Slow Code" <my.mail@no.spam> wrote in message
news:njLah.4149$tM1.3480@newsread1.news.pas.earthlink.net...
> Joe Bloe <abaslon@comcast.net> wrote in
> news:9uvjm29oql80v8m0rbbm36rs7qi9mtseir@4ax.com:
>
>> On Thu, 23 Nov 2006 00:02:02 GMT, Slow Code <my.mail@no.spam> wrote:
>>
>>>"tools" <tools@attwb.net> wrote in
>>>news:usZ8h.5$Bm3.138376@news.sisna.com:
>>>
>>>> "Slow Code" <my.mail@no.spam> wrote in message
>>>> news:PTM8h.1814$sf5.431@newsread4.news.pas.earthlink.net...
>>>>>
>>>>> You can tell everyone you're a CB'er deluxe.
>>>>>
>>>>> SC
>>>>
>>>> If code is eliminated from the US requirements, will you quit amateur
>>>> radio?
>>>
>>>
>>>If code is eliminated the riff-raff that will overrun the bands will
>>>drive a lot of people out of amateur radio. It's bad now even with a
>>>5wpm code.
>>>
>>>Back when I got my license there was alot of technical discussions,
>>>experimentation and lot of hams improving their communication and
>>>technical skills. Now with 5 wpm, convertions are mainly about appliance
>>>operating, or how someone did something stupid and burned up their rigs,
>>>things just like you can hear on CB.
>>>
>>>SC
>>
>> HAhaha! You are SO Stuck on the CB aspect of things.
>>
>> Talk about a One Track Mind! Wow! You are SO Paranoid about this
>> `Slow.
>>
>> Hey, think if it this way, and you MAY find peace in the
>> realization:
>>
>> Real HAM Equipment costs BIG-BUCKS. LOTS of $$$, and is quite a bit
>> of a hassle to hook up properly and make work correctly. There is
```

>> naturally a learning curve in which people just Have to pay attention
>> to. That, as well as a pretty hefty drain on the ol' bank account.
>> Don't you agree?
>>
>> Next realization is :
>> People are naturally LAZY, Stupid, and CHEAP!
>>
>> SO, if you put it together, it goes something like this:
>>
>> CB's are CHEAP and PLENTIFULL. They're EASY to set up and run. Plug
>> into the cigarette lighter, toss the antenna on the roof of the car,
>> push a button and talk into the mike. . . Pretty straight forward
>> and, well, stupid. Correct? And, did I mention their damn cheep?
>> $50 and you are on the air in grand style!
>>
>> Ham radio. .. Humm, lets see now. Even at the "Lowest Level", you
>> actually have to sit down and read something! Oooh. . . That takes
>> effort! And, it's still going to cost over $200, JUST for the Radio.
>> Not very easy for a Red Necked Ratchet-Jaw to afford, (Who has trouble
>> just keeping beer in the 'fridge.) Next, one has to go and buy the
>> antenna too. .. Hummm. Another learning curve here again. What
>> type? Horizontal? Vertical?? And being that the system is pretty
>> darn sensitive to begin with, they have to take time, and again, LEARN
>> how to set it up properly to even transmit. And if they burn it up in
>> the process, WHO CARES?! They'll quit right there and then. That'd
>> be a Good Thing, huh?
>>
>> Next there's learning the bandwidths, repeaters, and patches. Its
>> just not punching a button from 1 to 40 and listing to somebody talk
>> then joining in. . . One has to fiddle around with it and set the
>> particular frequencies and splits. Moreover, every region is
>> different, Unlike a CB. It's something that one just doesn't have
>> time to do while driving down the road, like blindly spinning the dial
>> on a CB. It's just too much hassle, work, time, learning, and
>> especially, WAY too much MONEY involved!
>>
>> Slow, I guarantee you that if some how, they drop CW, HAM Will Not
>> Ever become like the CB is now. And for at least as many more reasons
>> as I brought to light here.
>
>
>
> Why do you anti-code test people always spew the same dumb ass arguments
> all the time? The repeaters went down hill after the code requirement was
> eliminated for use of those bands. Hardly anything technical at all. Most
> of the retards up there aren't moving forward tecchnically. What makes
> you thing the same thing won't happen on HF? It will happen there too.
> We'll have fewer quality operators.
>
> You say the things you do just like all the other dumb it downers say,

> You think CW is preventing the growth of amateur radio, and it needs to
> modernize. The CW requirement isn't preventing the growth of amateur
> radio, Laziness is.
>
> SC You do
> understand that radio, all radio is about communication don't you? If you
> need more tech, read the damn book.

3127. Re: It's a war people, and the lazy asses are trying to take over.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 19:23:19 UTC
From: "kb9rqz-1@hotmail.com" <kb9rqz-1@hotmail.com>
Message-ID: <1165000998.993509.175500@l12g2000cwl.googlegroups.com>
Source record: 48851
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

John Smith wrote:
> Slow Code wrote:
> >
> > We dare not let Lenny and the rest of the dumb-it-down crowd win.
> >
> > SC
>
> SC:
>
> Sometimes I am convinced that you are an excellent "satire comedian."
> Other times, you have me convinced you are for real. Sometimes you have
> me busting a gut and laughing until tears come, other times you yank my
> heart-stings in pity.

he alwsy yanks for my pity
>
> Take this last post of your, it can be viewed as tongue-in-cheek satire,
> or, it can be viewed as insane rant.

I vote insane rant
>
> Certainly you cannot place much importance on CW. Amateurs have a real
> purpose, to expand radio on ALL frontiers. Help in the community, help
> in educating the youth in radio, help in disasters, help in developing
> techniques, equip., theory development, etc. (the list really goes
> on-and-on here

he certainly can, he would not be the first
>
> Probably the least important aspects of all this is rag chewing,
> contesting, favoritism of individuals and groups, etc. They are fun for
> some and amateur radio has a place for these activities, but these are
> self-serving and we must be careful least amateurs on a whole end up
> being judged on such self-serving behaviors. However, when we are
> taking from amateur radio for our own personal goals, likes and
> entertainment we are NOT giving. Or, put simply, I can easily imagine
> Einstein, Tesla, De Forest, Bell, etc. having a great interest in radio,
> however, I am in doubt as to them getting excited about having to learn
> morse to obtain the license.

but SC>robeson and the rest would not WANT an Einstain or Tesla on the
bands.

it would make them feel inferoir
>

> So, when you go crying "the sky is falling" over amateur radio
> progressing and dropping an ancient tradition of morse testing, how can
> any logical mind view you as NOT being self-serving, how can anyone take
> you seriously at all? Are you a con man attempting to sell us the idea
> that you really see great benefit in CW? That CW is a major part of
> radio in 2006? Come on man, anyone crying such nonsense is going to be
> called on those cons schemes immediately.
>
> You see CW as being a real barrier, something that many who desperately
> want to become amateurs will avoid and by so avoiding fail to obtain an
> amateur license. Certainly you cannot really believe that; you can see
> how people would view you as deranged if you held such views, can't you?
> If someone really wants an amateur license, it they are so devoted to
> hero worship of amateurs as your were--they will end up with that
> license in their back pocket--even some uneducated and mentally
> challenged person from the back swamps of DumbBuck Egypt can learn to
> tap that code if he/she is driven.
>
> I think as a young man, you viewed amateurs in some form of hero
> worship. I think you viewed them as larger than life. I am afraid that
> once you obtained your license, these fantasies did not fade. Indeed,
> you wove these fantasies into your ego and your ego became dependent on
> your amateur license hanging on your wall. You recognized that if a
> very large number of people had amateur licenses (say the same number
> who hold fishing licenses or drivers licenses or contracting licenses,
> etc.) your feeling of being "special" would go away. So, you began to
> plot. You began to find ways you felt would stop people from getting
> licenses and get behind those ideas and push them and sell them. You
> certainly knew there were other such individuals as yourself out there
> and they would come to your aid. Indeed, I do not even think you were
> the one to come up with the original idea, I think that would have been
> beyond you. Someone else came up with the idea, you just jumped on
> his/her bandwagon.
>
> So, now we arrive here. And, you are indeed correct, CW does make some
> shy away from amateur radio. The reward of having an amateur license is
> just not big enough for them to learn a set of dits and dahs to send
> messages with, frankly, I see Einstein never bothered. I guess you look
> at this as a "winning" situation, I do not. I look at it as a evil
> self-centered plan which you and others are engaged in to limit amateur
> radio, and it just kind-of-got-that-way because no one has taken you to
> task.
>
> I know of no good reasons to maintain any CW requirement in amateur
> testing. Even learning it for historical reasons does not justify the
> expenditure of time and effort it requires just to purchase a radio, buy
> an antenna and grab up a mic (and that is exactly what the large
> majority of amateurs are today, code tapping appliance users.)
>
> In all your rants I see no real reasons for maintaining the CW

> requirement. In fact, when you are hard pressed and under attack, you
> admit to having your self-centered self at the core of you manipulations.
>
>
> If you think I hate you, I do not. If you think I see you as the most
> evil person I have ever conversed with, I do not--I have some neighbors
> much worse. I just don't understand you. And, why that is, is because
> no one here is attempting to "win" by eliminating morse. We are
> attempting to win by making amateur radio enticing enough to fill our
> ranks with new bright minds, something YOU SHOULD place much more
> importance on. Indeed, CW pales in comparison when viewed side-by-side.

I understand him he a boy that never outgrew frat house games, and the
is pathetic
>
> Let me leave you with one important "vision" to dwell upon. Next time
> you are a social event, a cocktail party, a civic function, etc. and you
> find someone, or some group who is really, really impressed with you
> being an amateur radio operator--then, right at that time, take a
> really, really good look at those people who are so all impressed and
> tell me if it really matters that you impress "those people?" If you
> say yes, you and I don't even live in the same universe.
>
> Regards,
> JS

3128. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 19:49:14 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ekq0u5$vq3$1@aioe.org>
Source record: 48852

K4YZ wrote:
> The IP Address and servers are complete proof that I do NOT share
> any annonymous character's "address".
>
> Steve, K4YZ
>

You might enjoy viewing the headers associated with this post, it is the result of doing nothing, except proxy-ing though a very high security proxy--now what country do you think I am in? And, if you had to use the headers to find out?

JS

3129. Re: Laziness is no reason to destroy quality radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 20:56:06 UTC
From: LenAnderson@ieee.org
Message-ID: <1165006566.247996.244140@n67g2000cwd.googlegroups.com>
Source record: 48853
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

From: John Smith on Thurs, Nov 30 2006 12:41 pm

>LenAnderson@ieee.org wrote:
>> ...
>
>Len:
>
>Where have you been? These boys have been keeping you entertained, I trust?

"Entertained?" :-) Hardly. I took off for three weeks to
rid my environment of all the sociopathic meanderthals
that inhabit this Din of Inequity.

I come back and its like the ghost of Claude Rain's character
in the movie "Casablanca" has been whispering to me..."all the
usual suspects" have been rounded up and imprisoned in here. :-)

It's truly remarkable to see this totally-retro group of
frustrated "radio operators" thinking the radio world hasn't
changed for 60-70 years...all of them thinking they "know
what is right" for a radio hobby...because what They do is
absolutely the Best and all should emulate what They do.

Where is Paul Schleck these days? Here it is 1 December and
his "threatening" troika of "moderators" haven't yet appeared.
I wonder if he has been appointed to a new cabinet post? You
know, the "Department of Hamland Security"... :-)

Holiday regards,
LA

3130. Re: Laziness is no reason to destroy quality radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 21:00:33 UTC
From: "kb9rqz-1@hotmail.com" <kb9rqz-1@hotmail.com>
Message-ID: <1165006833.691056.200420@80g2000cwy.googlegroups.com>
Source record: 48854
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

LenAnder...@ieee.org wrote:
> From: John Smith on Thurs, Nov 30 2006 12:41 pm
>
> >LenAnderson@ieee.org wrote:
> >> ...
> >
> >Len:
> >
> >Where have you been? These boys have been keeping you entertained, I trust?
>
> "Entertained?" :-) Hardly. I took off for three weeks to
> rid my environment of all the sociopathic meanderthals
> that inhabit this Din of Inequity.

indeed the only thing good about it is that the nuasea some of the
posters inflict keep one from truely feeling

it is an interesting trade
>
> I come back and its like the ghost of Claude Rain's character
> in the movie "Casablanca" has been whispering to me..."all the
> usual suspects" have been rounded up and imprisoned in here. :-)
>
> It's truly remarkable to see this totally-retro group of
> frustrated "radio operators" thinking the radio world hasn't
> changed for 60-70 years...all of them thinking they "know
> what is right" for a radio hobby...because what They do is
> absolutely the Best and all should emulate what They do.
>
> Where is Paul Schleck these days? Here it is 1 December and
> his "threatening" troika of "moderators" haven't yet appeared.
> I wonder if he has been appointed to a new cabinet post? You
> know, the "Department of Hamland Security"... :-)

Indeed Paul has turned out to be Corso Clone but then Wismen and
Robeson have promising to have arressted for a few years so Maybe Paul
is just operating on Morse Standard time
>
> Holiday regards,

happy holidayies
> LA

3131. test

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 21:45:44 UTC
From: John Doe <hgorden@adelphia.net>
Message-ID: <hLGdnUoeBZ_jP-3YnZ2dnUVZ_vKdnZ2d@adelphia.com>
Source record: 48855

having problems posting - please delete

3132. loop vs dipole

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 21:48:40 UTC
From: John Doe <hgorden@adelphia.net>
Message-ID: <ubadncBWvNqzPu3YnZ2dnUVZ_tSdnZ2d@adelphia.com>
Source record: 48856

I live in a antenna restricted community!

I have put up a somewhat stealth antenna. 13ga - stranded copper - blk jacket!
It is a 540 ft loop = 180 ft virtually lays on the roof and the remainder 360 ft is in my attic.
I feed this with 50 ft of RG58u at the center point (6 turns of the feedline - approx 8" dia is used as a RF choke) running down to a manual tuner.
The antenna in this configuration is about 1.1:1 to 1.5:1 across all the bands from 75m to 6m. I would like to operate on 160m, but the tuner doesn't cover that band, and when I try to go directly the SWR is extreme and we don't use it!

My questions are:
1] should I leave the antenna system alone as is? It works - but as a wire system has its limitations due to the clearance off the roof?
or
2] should I purchase another antenna tuner that covers 160m - 6m. and open the LQQP and make the antenna a single 540 ft piece of wire and ground the other side?
or
3] should I purchase another antenna tuner that covers 160 - 6m and try to make the long side similar to what ever wavelengths are equivalent to a Windom configuration?
or
4] should I just open the loop at the furthest end and make a huge dipole out of it?

73's

3133. Re: loop vs dipole

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 22:32:34 UTC
From: jgboyles@aol.com
Message-ID: <1165012354.338703.195010@j72g2000cwa.googlegroups.com>
Source record: 48857

John Doe wrote:
> I live in a antenna restricted community!
>
> I have put up a somewhat stealth antenna. 13ga - stranded copper - blk
> jacket!
> It is a 540 ft loop = 180 ft virtually lays on the roof and the remainder
> 360 ft is in my attic.
> I feed this with 50 ft of RG58u at the center point (6 turns of the
> feedline - approx 8" dia is used as a RF choke) running down to a manual
> tuner.
> The antenna in this configuration is about 1.1:1 to 1.5:1 across all the
> bands from 75m to 6m. I would like to operate on 160m, but the tuner
> doesn't cover that band, and when I try to go directly the SWR is extreme
> and we don't use it!
>
> My questions are:
> 1] should I leave the antenna system alone as is? It works - but as a
> wire system has its limitations due to the clearance off the roof?
> or
> 2] should I purchase another antenna tuner that covers 160m - 6m. and
> open the LQQP and make the antenna a single 540 ft piece of wire and ground
> the other side?
> or
> 3] should I purchase another antenna tuner that covers 160 - 6m and try
> to make the long side similar to what ever wavelengths are equivalent to a
> Windom configuration?
> or
> 4] should I just open the loop at the furthest end and make a huge dipole
> out of it?
>
> 73's

Hi John, Since the antenna works on everything but 160m, I would
just leave it like it is. How do you know it won't tune on 160? 540'
loop is a lot of wire and may present manageable impedances to your
tuner. If you could get an antenna analyzer and check the impedance on
160m you may find your tuner will work. If your tuner won't, a simple
"L" network tuner should get you on 160 without much trouble.

The RG-58 going from the antenna to the tuner should be a short as
possible. The line plus the coil choke should not be over 10-15'.
This is per W2DU in "Reflections". If you need a longer run, try 300
ohm or 450 ohm twin lead.

Gary N4AST

3134. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-01 23:14:33 UTC
From: "A. G. Bell" <hello?@marksakook>
Message-ID: <gn2hs.b6e.17.1@news.alt.net>
Source record: 48858
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.policy,rec.radio.amateur.antenna

<Mark@kb9rqz.aprs> wrote in message
news:0ks0n2hpd00e5ncmb4aamk7j1cr3f8838p@4ax.com...
> On Thu, 30 Nov 2006 22:05:10 -0800, John Smith
> <assemblywizard@gmail.com> wrote:
>
> >Mark@kb9rqz.aprs wrote:
> >
> >> the one I prefer does not
> >
> >Mark:
> >
> >Take a look at this link, the software is shareware, claims to work with
> >ANY windows app. I am hoping it might be worth your time, look for the
> >download link, I have not tried it.
> >
> >http://www.sharewareconnection.com/spell-magic.htm
>
> I use it some but it is very cumbersome and certainly unuable due to
> time constraints when some like robeson is in full vioce or keyboard
> is you prefer
> >
> >Regards,
> >JS

Don't waste your time sounding intelligent, Mark! God forbid you'd miss a
chance to dump on any of Steve's posts at least six times each.
Steve Robesin is apparetly to you what Lloyd Davies is to Roger Wiseman. He
stalks, you punce.

3135. Re: Ever hear an operator on the bands that you'd just like to slap the shit out of?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 00:04:53 UTC
From: jakdedert <jakdedert@bellsouth.net>
Message-ID: <ht3ch.21505$Q7.5199@bignews6.bellsouth.net>
Source record: 48859
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.swap

Slow Code wrote:
> If the CW requirement is eliminated, there's going to be a lot more of
> them on the bands.
>
> SC
>
Did you ever see a poster on a newsgroup that you'd just like to slap
the sh*t out of?

I've not seen him, but you have...in the mirror.

jak

3136. Re: Mounting antennas atop rowhomes?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 00:32:17 UTC
From: Rod Maupin <someone@someserver.com>
Message-ID: <YZmdnXsgKq0TVO3YnZ2dnUVZ_qidnZ2d@neonova.net>
Source record: 48860

When I lived in Chicago, my two story house was on a small lot, and the house were close together. So there was no room for anything except a vertical. The easiest way was for me to attach it to the chimney. My antenna was a Butternut HF6V that was around 30' long. I don't remember exactly how long. Anyway, I went to Radio Shack and got this kit for attaching to the chimney. It had two ratchet mechinisms that had straps attached. I put one on the chimney, just above the roof about 6". The other was put almost at the top. The straps went around the chimney sides and back in the ratchet and then you tightened it. Then you slipped the vertical in the two supports and tightened.

I had that vertical up in snow and ice storms and never had any problems. I couldn't have put beams up because they would have stuck over the property line and over my neighbor's roof, which wouldn't have gone over very well.

Anyway, that's one thing that worked.

3137. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 01:41:34 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <iR4ch.5476$sf5.3328@newsread4.news.pas.earthlink.net>
Source record: 48862
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.policy,rec.radio.amateur.antenna

John Smith <assemblywizard@gmail.com> wrote in news:eko0iouim1@aioe.org:

> Slow Code wrote:
>> "John Smith" <assemblywizard@gmail.com> wrote in
>> news:ekn5up$5ll$1@news.ndhu.edu.tw:
>>
>>> "K4YZ" <stevenrobeson@yahoo.com> wrote in message
>>> news:1164905170.190670.243160@16g2000cwy.googlegroups.com...
>>>> ...
>>>> do it because I'm already in a high stress job and he's cheap
>>>> entertainment.
>>>>
>>>> 73
>>>>
>>>> Steve, K4YZ
>>>>
>>> If you are NOT SC, you are his brother... indeed the
>>> glitch/mis-configuration/error or settings which have been introduced
>>> into your news reader/poster is a dead giveaway!
>>
>>
>> You're as looney as Markie, John. Stop trying to figure out who
>> everyone is and maybe try to work on being a good radio operator. Then
>> maybe your presence on the internet will be valuable.
>>
>> SC
>
> No trouble at all...
>
> Noticing who the idiots are is easy, more so in your case, but easy with
> most of 'em...
>
> JS

You still hoping to be a good radio operator some day or did you decide to
pack it in like Markie?

SC

3138. Re: Aren't any of you going to help me?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 01:41:36 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <kR4ch.5477$sf5.4738@newsread4.news.pas.earthlink.net>
Source record: 48861
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

John Smith <assemblywizard@gmail.com> wrote in news:eknvegrpt1@aioe.org:

> Slow Code wrote:
>> John Smith <assemblywizard@gmail.com> wrote in
>> news:eklg2l$9k7$1@aioe.org:
>>
>>> Slow Code wrote:
>>>> "Dee Flint" <deeflint01@comcast.net> wrote in
>>>> news:-fCdnattvLkdOfbYnZ2dnUVZ_oadnZ2d@comcast.com:
>>>>
>>>>> "Slow Code" <my.mail@no.spam> wrote in message
>>>>> news:4jLah.4136$tM1.1859@newsread1.news.pas.earthlink.net...
>>>>>> I'm I the only one that wants quality hams?
>>>>>>
>>>>>> SC
>>>>> I'm an active elmer and work at helping all become quality hams.
>>>>>
>>>>> Dee, N8UZE
>>>>
>>>> But if we push for good tests, new hams will have a leg up and we
>>>> won't have to elmer them as much and if we push for really really
>>>> really good tests, they can elmer us after they get licensed.
>>>>
>>>> SC
>>> Slow Idiot:
>>>
>>> You must be the most vile, degraded, despicable, disgusting pos (pos =
>>> piece of chit) which ever fooled their vec and obtained a license.
>>> You are disgusting beyond description. I pity your neighbors, I
>>> believe they have ALL had problems with you, I believe the police,
>>> sheriff and county officials in your county all know you. I bet your
>>> children despise you, if your wife is still with you--she is a saint!
>>> You are not just a lightweight idiot, you are a complete idiot. You
>>> do the name IDIOT! much service, you never cease to be complete and an
>>> ideal example of an IDIOT. I bet some here do not realize how much
>>> you tax the services of city, county and state with your ridiculous
>>> and childish behaviors, wants, fits, temper tantrums, generally
>>> foolish behavior, etc.
>>>
>>> You would truly be a very funny joke, if you were not such an example
>>> of human depravity. You remind me of the disgust I feel when I see
>>> child molesters and people masturbating in public, drunks, hopeless
>>> alcoholics and drug addicts, disease infested whores, etc.

>>>
>>> I would truly like to leave you with a picture of how disgusting,
>>> reviling, sick and putrid an individual I view you as, but mere words
>>> could never paint a proper and complete example. You are beyond
>>> words, you are beyond my most vilest visions of disgust, you are a
>>> pinnacle of chit!
>>>
>>> Now, all that said, I think you are pulling our legs, no one could
>>> possibly be so disgusting and stupid--you are just pretending! <grin>
>>>
>>> JS
>>
>>
>>
>> Tnx, 73, Good luck on the code test.
>>
>> Sc
>
> Been there, done that!
>
> I just looked at the license requirements as likened to the
> responsibility of owning a dog. If you are going to own a dog, you are
> going to pick up some poop! Code is much the same to owning a station,
> as poop is to owning a dog, it's almost a 1:1 correlation.
> ...yawn...
>
> JS

That's my analogy too. I've always seen that operators and the bands are like owning a horse. You get some good operators that will do everything they can do to be good communicators that will work to improve on their knowledge, skills and are willing to help others be better operators too. Their efforts like a work horse carry ham radio to new places. (me)

But not everyone wants to be valuable to the service and a good operator. They are like turds stinking up the bands making them unpleasant and stagnant. They don't care to be skilled, or if anyone else is skilled and knows anything either. They prefer the smell of turd. They get a license and plop on the bands like a horse turd plops on the prairie.(you)

It is a 1:1 correlation.

SC

3139. Re: Ever hear an operator on the bands that you'd just like to slap the shit out of?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 01:41:40 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <oR4ch.5480$sf5.3721@newsread4.news.pas.earthlink.net>
Source record: 48863
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.swap

"John Smith" <assemblywizard@gmail.com> wrote in
news:eknvvr$182f$1@news.ndhu.edu.tw:

> Ahhhh.... Now it becomes clear to me, you were right to hang on with
> your persistence, a revelation has occurred to me!
>
> Yes, yes you are! You are the best argument to tossing the rig and
> grabbing some chicken band equipment which has ever been posed to me!
>
> Ten-Four-Good-Buddy!

No, no, no, John. You need not toss your gear.

Your CB no-code buddies can and will come to you after the final stage of
the dumbing down process is complete.

SC

3140. Re: Group poll.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 01:41:42 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <qR4ch.5481$sf5.538@newsread4.news.pas.earthlink.net>
Source record: 48864
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

"U-Know-Who" <no-one@nowhere.com> wrote in
news:TxLbh.6768$_H5.3321@tornado.texas.rr.com:

>
> "Slow Code" <my.mail@no.spam> wrote in message
> news:mSKbh.5852$1s6.3802@newsread2.news.pas.earthlink.net...
>> "U-Know-Who" <no-one@nowhere.com> wrote in
>> news:Klrbh.5898$_H5.4204@tornado.texas.rr.com:
>>
>>>
>>> "Slow Code" <my.mail@no.spam> wrote in message
>>> news:fjLah.4143$tM1.1155@newsread1.news.pas.earthlink.net...
>>>> "U-Know-Who" <no-one@nowhere.com> wrote in
>>>> news:Svs9h.2203$_H5.295@tornado.texas.rr.com:
>>>>
>>>>>
>>>>> "Slow Code" <my.mail@no.spam> wrote in message
>>>>> news:E1s9h.2642$ql2.1992@newsread3.news.pas.earthlink.net...
>>>>>> "U-Know-Who" <no-one@nowhere.com> wrote in
>>>>>> news:Jo89h.2462$Gk5.1576@tornado.texas.rr.com:
>>>>>>
>>>>>>>
>>>>>>> "Slow Code" <my.mail@no.spam> wrote in message
>>>>>>> news:Vx59h.2178$ql2.1579@newsread3.news.pas.earthlink.net...
>>>>>>>> Joe Bloe <abaslon@comcast.net> wrote in
>>>>>>>> news:oei7m2hhbvm46q3qmkkfl4k7ui4tdtqei9@4ax.com:
>>>>>>>>
>>>>>>>>> On Tue, 21 Nov 2006 00:54:50 GMT, Slow Code <my.mail@no.spam>
>>>>>>>>> wrote:
>>>>>>>>>
>>>>>>>>>>"U-Know-Who" <no-one@nowhere.com> wrote in
>>>>>>>>>>news:5lO7h.283$_H5.256@tornado.texas.rr.com:
>>>>>>>>>>
>>>>>>>>>>>
>>>>>>>>>>> "Slow Code" <my.mail@no.spam> wrote in message
>>>>>>>>>>> news:1wN7h.626$sf5.622@newsread4.news.pas.earthlink.net...
>>>>>>>>>>>> jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote in
>>>>>>>>>>>> news:ej8knc$kn5$1@news.hawaii.edu:
>>>>>>>>>>>>
>>>>>>>>>>>>> John Smith <assemblywizard@gmail.com> wrote:
>>>>>>>>>>>>>>Idiot, check your spelling, it's "group troll."
>>>>>>>>>>>>>
>>>>>>>>>>>>> Well, let's see if he ment "poll" or "troll":

>>>>>>>>>>>>>
>>>>>>>>>>>>>
>>>>>>>>>>>>> 0 2 4 6 8 10
>>>>>>>>>>>>> /
>>>>>>>>>>>>> /
>>>>>>>>>>>>> /
>>>>>>>>>>>>> /
>>>>>>>>>>>>> /
>>>>>>>>>>>>> /
>>>>>>>>>>>>> /
>>>>>>>>>>>>> /
>>>>>>>>>>>>> POLL-O-METER
>>>>>>>>>>>>>
>>>>>>>>>>>>>
>>>>>>>>>>>>>
>>>>>>>>>>>>> So what appliances does everyone hope Santa brings them for
>>>>>>>>>>>>> Xmas?
>>>>>>>>>>>>>
>>>>>>>>>>>>> HF, VHF, UHF, KENWOOD, YAESU, ICOM, Cobra?
>>>>>>>>>>>>>
>>>>>>>>>>>>>
>>>>>>>>>>>>> I couldn't think of anything for myself, so I hope I just get
>>>>>>>>>>>>> a some componants and a new soldering iron for projects so I
>>>>>>>>>>>>> can keep moving forward in ham radio.
>>>>>>>>>>>>>
>>>>>>>>>>>>> SC
>>>>>>>>>>>>>
>>>>>>>>>>>>> And spell check for your PC. :-)
>>>>>>>>>>>
>>>>>>>>>>>
>>>>>>>>>>>Which one do you have? I want Santa to bring me a different
>>>>>>>>>>>one. The one you have doesn't work.
>>>>>>>>>>>
>>>>>>>>>>>SC
>>>>>>>>>
>>>>>>>>>
>>>>>>>>> Clip and paste to "Word for Windows". . . It's got the best
>>>>>>>>> spell
>>>>>>>>> checker in the market. Just leave it running in the backgrould
>>>>>>>>> and call it up when you need to type out a letter or two.
>>>>>>>>
>>>>>>>>
>>>>>>>>> Thanks, I'll pass that on to U-Know-Who, but he probably don't
>>>>>>>>> have word, just computer games.
>>>>>>>>
>>>>>>>>> SC
>>>>>>>
>>>>>>> I have Office Pro 2003
>>>>>>
>>>>>>

>>>>>> WOW
>>>>>>
>>>>>> SC
>>>>>
>>>>> I ran your posts through it. It said to please excuse the idiot in
>>>>> Colorado who can't afford a high-speed connection.
>>>>
>>>>
>>>> Your CB radio not back from the repair shop so you got to attack real
>>>> radio operators? I knew you went for those "easy-to-burn-up' Cobra
>>>> and Galaxy brand appliances.
>>>>
>>>> Oh, and I don't live in colorado, I'm ya alls next door neighbor.
>>>>
>>>> Howdy Neighbor. Heee Heee Heeeeeeee!
>>>> SC
>>>
>>> IP Information 4.230.12.15
>>> Record Type: IP Address
>>> Cached Whois: Cached today
>>> IP Location: United States - Texas - Houston - Level 3
>>> Communications
>>> Inc
>>> Reverse DNS: dialup-4.230.12.15.Dial1.Houston1.Level3.net
>>> Blacklist Status: Currently Listed (history)
>>>
>>
>>
>> From: "U-Know-Who" <no-one@nowhere.com>
>> Subject: Re: Group poll.
>> Message-ID: <Klrbh.5898$_H5.4204@tornado.texas.rr.com>
>> Date: Thu, 30 Nov 2006 02:28:58 GMT
>> NNTP-Posting-Host: 67.10.92.242
>>
>>
>> nslookup 67.10.92.242
>> Canonical name: cpe-67-10-92-242.houston.res.rr.com
>> Addresses: 67.10.92.242
>>
>>
>>
>> Howdy Neighbor!
>>
>> SC
>>
>
> Yeah, but I have high speed. I can afford it.

But you're bankrupt when it comes to radio skills. No need worry though,
I'm here to help you.

Ok, repeat after me:

di-dah A, di-dah A
dah-di-di-dit B, dah-di-di-dit B
dah-di-dah-dit C, dah-di-dah-dit C
dah-di-dit D, dah-di-dit D ....

SC

3141. Re: It's a war people, and the lazy asses are trying to take over.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 01:41:47 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <vR4ch.5484$sf5.1624@newsread4.news.pas.earthlink.net>
Source record: 48867
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

John Smith <assemblywizard@gmail.com> wrote in
news:ekod7b$1vru$1@news.ndhu.edu.tw:

> Slow Code wrote:
>>
>> We dare not let Lenny and the rest of the dumb-it-down crowd win.
>>
>> SC
>
> SC:
>
> Sometimes I am convinced that you are an excellent "satire comedian."
> Other times, you have me convinced you are for real. Sometimes you have
> me busting a gut and laughing until tears come, other times you yank my
> heart-stings in pity.
>
> Take this last post of your, it can be viewed as tongue-in-cheek satire,
> or, it can be viewed as insane rant.

I'm a firm believer in using humor and satire to try to make my point.
It's like cracking a walnut with a sledgehammer. Whether or not anyone
wants to accept or agree with me, I hope we can all still have a good
laugh.

> I know of no good reasons to maintain any CW requirement in amateur
> testing.

How about, Requiring it in order to be able to communicate with it?
That's a good reason and you're learning a skill. Keeping people like
Markie off HF doesn't sound too bad either.

The first time you hear 'AAAAAAUDIOOOOOOOOOOOO' or 'skipland skipland
skipland' in the middle of 20meters, you'll get a change of heart and will
want to beg forgiveness at the Church of Hiram. I heard it a couple times
and it made even the hairs on the back of my neck stand up and I was
already born again.

SC

3142. Re: Just listen to CB if you want to know what ham radio will sound like.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 01:41:48 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <wR4ch.5485$sf5.4307@newsread4.news.pas.earthlink.net>
Source record: 48865
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

"tools" <tools@attwb.net> wrote in news:cL_bh.30$mN.120951@news.sisna.com:

>
> "Slow Code" <my.mail@no.spam> wrote in message
> news:T1s9h.2650$ql2.1375@newsread3.news.pas.earthlink.net...
>>
>>
>> We need to keep the CW requirement and increase it. We shouldn't let
>> ham radio get dumbed down again.
>>
>> SC Ham
>> radio was dumb enough to let you in. Can't get any dumber.

Ever hear a no-code on the repeater that you'd just like to take a cattle
prod to?

SC

3143. Re: kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 01:41:50 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <yR4ch.5486$sf5.1417@newsread4.news.pas.earthlink.net>
Source record: 48868
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

"Radiosrfun" <Radiosrfun@radiosrfun.com> wrote in
news:456fce2e$0$5799$ecde5a14@news.coretel.net:

> "R. Scott" <spamtrap@w7psk.net> wrote in message
> news:J9G4w1.BG3@news.boeing.com...
>> Do Like I did, Put SC on ignore.
>>
>> He obviously wants to drive everyone from Ham Radio. He has a Bile
>> taste in his mouth from a bad experiance so he now wishes everyone to
>> have a bad experiance. He will not rest till he drives everyone from
>> Ham Radio. So I ignore him as he no longer provides value for my
>> reading time.
>>
>> Its the old Crusty Crumudgeons like him that drive the new people away.
>>
>>
>>
>> Rick Scott W7PSK
>>
>>
>
> He isn't driving "me" away from ham. People like him - come and go every
> day in my life. I look past them.
> I just wish "others" in "here" did that! His posts are ruining "these"
> newsgroups.

You think this is bad, you ain't seen bad. Just wait until the Lids take
over HF after CW is eliminated, then you'll be sorry.

That is, You'll be sorry unless you like what CB sounds like.

SC

3144. Re: KTN4GN inviting people to monitor FOUO, was: Re: K4YZ have told CAP you intend to violate FOUO frequncy info?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 01:41:51 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <zR4ch.5487$sf5.3479@newsread4.news.pas.earthlink.net>
Source record: 48866
Cross-posted to: rec.radio.amateur.antenna,rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

hot-ham-and-cheese@hotmail.com wrote in
news:1164938185.794275.103550@j44g2000cwa.googlegroups.com:

>
> kb9rqz-1@hotmail.com wrote:
>> K4YZ wrote:
>> > hot-ham@hotmail.com wrote:
>
>> > > So what was it all about???
>> > >
>> > > Monitoring CAP FOUO communications.
>> > >
>> > > I recall K4YZ/KTN4GN inviting people to monitor him and he would
>> > > send an SWL confirmation.
>> > >
>> > > Hi! So much for FOUO.
>> >
>> > Uh huh.
>> >
>> > And nowhere in my QRZ bio did I mention operating frequencies,
>> > net
>> > times, operational objectives, etc.
>>
>> so?
>
> WWW.QRZ.COM search "K4YZ"
>
>> > FOUO maintained...Brain made a fool of...Again...
>>
>> maybe maybe not
>>
>> have you told CAP you intend to confirm FOUO freqs and time
>
> This is where his innocense falls apart. Somehow he's going to confirm
> an SWL card with "I can neither confirm nor deny..." Riiiiight.
>
> PopComm needs to beware publishing this idiot's letters.

You really are a bitter ham. Lack of CW in the radio diet will do that to
you. Just look at all the hate on eleven meters. Those people are even
gunning each other down in shopping mall parking lots.

SC

3145. Re: Re: Lets be RUDE and INSULT each OTHER for a change

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 01:41:54 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <CR4ch.5489$sf5.2543@newsread4.news.pas.earthlink.net>
Source record: 48869
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

"R. Scott" <spamtrap@w7psk.net> wrote in news:J9G4w1.BG3@news.boeing.com:

> Its the old Crusty Crumudgeons like him that drive the new people away.
>
>
>
> Rick Scott

It's the new people that don't want learn or be skilled at anything that
will turn ham radio into CB and drive good hams away.

SC

3146. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 02:23:09 UTC
From: Mark@kb9rqz.aprs
Message-ID: <ero1n2lq4d5nvgtcmj6lva6frj8uos47n1@4ax.com>
Source record: 48870
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.swap

```
On Sat, 02 Dec 2006 01:41:42 GMT, Slow Code <my.mail@no.spam> wrote:

>"U-Know-Who" <no-one@nowhere.com> wrote in
>news:TxLbh.6768$_H5.3321@tornado.texas.rr.com:
>
>>
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:mSKbh.5852$1s6.3802@newsread2.news.pas.earthlink.net...
>>> "U-Know-Who" <no-one@nowhere.com> wrote in
>>> news:Klrbh.5898$_H5.4204@tornado.texas.rr.com:
>>>
>>>>
>>>> "Slow Code" <my.mail@no.spam> wrote in message
>>>> news:fjLah.4143$tM1.1155@newsread1.news.pas.earthlink.net...
>>>>> "U-Know-Who" <no-one@nowhere.com> wrote in
>>>>> news:Svs9h.2203$_H5.295@tornado.texas.rr.com:
>>>>>
>>>>>>
>>>>>> "Slow Code" <my.mail@no.spam> wrote in message
>>>>>> news:E1s9h.2642$ql2.1992@newsread3.news.pas.earthlink.net...
>>>>>>> "U-Know-Who" <no-one@nowhere.com> wrote in
>>>>>>> news:Jo89h.2462$Gk5.1576@tornado.texas.rr.com:
>>>>>>>
>>>>>>>>
>>>>>>>> "Slow Code" <my.mail@no.spam> wrote in message
>>>>>>>> news:Vx59h.2178$ql2.1579@newsread3.news.pas.earthlink.net...
>>>>>>>>> Joe Bloe <abaslon@comcast.net> wrote in
>>>>>>>>> news:oei7m2hhbvm46q3qmkkfl4k7ui4tdtqei9@4ax.com:
>>>>>>>>>
>>>>>>>>>>> On Tue, 21 Nov 2006 00:54:50 GMT, Slow Code <my.mail@no.spam>
>>>>>>>>>>> wrote:
>>>>>>>>>>>
>>>>>>>>>>>>"U-Know-Who" <no-one@nowhere.com> wrote in
>>>>>>>>>>>>news:5lO7h.283$_H5.256@tornado.texas.rr.com:
>>>>>>>>>>>>
>>>>>>>>>>>>>
>>>>>>>>>>>>> "Slow Code" <my.mail@no.spam> wrote in message
>>>>>>>>>>>>> news:1wN7h.626$sf5.622@newsread4.news.pas.earthlink.net...
>>>>>>>>>>>>>> jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote in
>>>>>>>>>>>>>> news:ej8knc$kn5$1@news.hawaii.edu:
>>>>>>>>>>>>>>
>>>>>>>>>>>>>>> John Smith <assemblywizard@gmail.com> wrote:
>>>>>>>>>>>>>>>Idiot, check your spelling, it's "group troll."
```

>>>>>>>>>>>>>>
>>>>>>>>>>>>>> Well, let's see if he ment "poll" or "troll":
>>>>>>>>>>>>>>
>>>>>>>>>>>>>>
>>>>>>>>>>>>>> 0 2 4 6 8 10
>>>>>>>>>>>>>> /
>>>>>>>>>>>>>> /
>>>>>>>>>>>>>> /
>>>>>>>>>>>>>> /
>>>>>>>>>>>>>> /
>>>>>>>>>>>>>> /
>>>>>>>>>>>>>> /
>>>>>>>>>>>>>> /
>>>>>>>>>>>>>> POLL-O-METER
>>>>>>>>>>>>>>
>>>>>>>>>>>>>>
>>>>>>>>>>>>>>
>>>>>>>>>>>>>> So what appliances does everyone hope Santa brings them for
>>>>>>>>>>>>>> Xmas?
>>>>>>>>>>>>>>
>>>>>>>>>>>>>> HF, VHF, UHF, KENWOOD, YAESU, ICOM, Cobra?
>>>>>>>>>>>>>>
>>>>>>>>>>>>>>
>>>>>>>>>>>>>> I couldn't think of anything for myself, so I hope I just get
>>>>>>>>>>>>>> a some componants and a new soldering iron for projects so I
>>>>>>>>>>>>>> can keep moving forward in ham radio.
>>>>>>>>>>>>>>
>>>>>>>>>>>>>> SC
>>>>>>>>>>>>>>
>>>>>>>>>>>>>> And spell check for your PC. :-)
>>>>>>>>>>>>>>
>>>>>>>>>>>>>>
>>>>>>>>>>>>>>Which one do you have? I want Santa to bring me a different
>>>>>>>>>>>>>>one. The one you have doesn't work.
>>>>>>>>>>>>>>
>>>>>>>>>>>>>>SC
>>>>>>>>>>>
>>>>>>>>>>>
>>>>>>>>>>> Clip and paste to "Word for Windows". . . It's got the best
>>>>>>>>>>> spell
>>>>>>>>>>> checker in the market. Just leave it running in the backgrould
>>>>>>>>>>> and call it up when you need to type out a letter or two.
>>>>>>>>>
>>>>>>>>>
>>>>>>>>> Thanks, I'll pass that on to U-Know-Who, but he probably don't
>>>>>>>>> have word, just computer games.
>>>>>>>>>
>>>>>>>>> SC
>>>>>>>>
>>>>>>>> I have Office Pro 2003

>>>>>>>
>>>>>>>
>>>>>>> WOW
>>>>>>>
>>>>>>> SC
>>>>>>
>>>>>> I ran your posts through it. It said to please excuse the idiot in
>>>>>> Colorado who can't afford a high-speed connection.
>>>>>
>>>>>
>>>>> Your CB radio not back from the repair shop so you got to attack real
>>>>> radio operators? I knew you went for those "easy-to-burn-up' Cobra
>>>>> and Galaxy brand appliances.
>>>>>
>>>>> Oh, and I don't live in colorado, I'm ya alls next door neighbor.
>>>>>
>>>>> Howdy Neighbor. Heee Heee Heeeeeeee!
>>>>> SC
>>>>
>>>> IP Information 4.230.12.15
>>>> Record Type: IP Address
>>>> Cached Whois: Cached today
>>>> IP Location: United States - Texas - Houston - Level 3
>>>> Communications
>>>> Inc
>>>> Reverse DNS: dialup-4.230.12.15.Dial1.Houston1.Level3.net
>>>> Blacklist Status: Currently Listed (history)
>>>>
>>>
>>>
>>> From: "U-Know-Who" <no-one@nowhere.com>
>>> Subject: Re: Group poll.
>>> Message-ID: <Klrbh.5898$_H5.4204@tornado.texas.rr.com>
>>> Date: Thu, 30 Nov 2006 02:28:58 GMT
>>> NNTP-Posting-Host: 67.10.92.242
>>>
>>>
>>> nslookup 67.10.92.242
>>> Canonical name: cpe-67-10-92-242.houston.res.rr.com
>>> Addresses: 67.10.92.242
>>>
>>>
>>>
>>> Howdy Neighbor!
>>>
>>> SC
>>>
>>
>> Yeah, but I have high speed. I can afford it.
>

>
>But you're bankrupt when it comes to radio skills. No need worry though,
>I'm here to help you.
>
>Ok, repeat after me:
>
>di-dah A, di-dah A
>dah-di-di-dit B, dah-di-di-dit B
>dah-di-dah-dit C, dah-di-dah-dit C
>dah-di-dit D, dah-di-dit D ....

you offered no help with radio skill steve
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3147. Re: Just listen to CB if you want to know what ham radio will sound like.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 02:24:04 UTC
From: Mark@kb9rqz.aprs
Message-ID: <eto1n2hf4ju5v0cneu8qr83drvmf0pqt3g@4ax.com>
Source record: 48871
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Sat, 02 Dec 2006 01:41:48 GMT, Slow Code <my.mail@no.spam> wrote:

>"tools" <tools@attwb.net> wrote in news:cL_bh.30$mN.120951@news.sisna.com:
>
>>
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:T1s9h.2650$ql2.1375@newsread3.news.pas.earthlink.net...
>>>
>>>
>>> We need to keep the CW requirement and increase it. We shouldn't let
>>> ham radio get dumbed down again.
>>>
>>> SC Ham
>>> radio was dumb enough to let you in. Can't get any dumber.
>
>
>Ever hear a no-code on the repeater that you'd just like to take a cattle
>prod to?
no but I have many a code test ham IO truly hope has not sired
children
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3148. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 02:24:46 UTC
From: Mark@kb9rqz.aprs
Message-ID: <duo1n2ljr3hc6ruq0qifdumu80qn8j6a02@4ax.com>
Source record: 48872
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.policy,rec.radio.amateur.antenna

On Sat, 02 Dec 2006 01:41:34 GMT, Slow Code <my.mail@no.spam> wrote:

>John Smith <assemblywizard@gmail.com> wrote in news:eko0iouim1@aioe.org:
>
>> Slow Code wrote:
>>> "John Smith" <assemblywizard@gmail.com> wrote in
>>> news:ekn5up$5ll$1@news.ndhu.edu.tw:
>>>
>>>> "K4YZ" <stevenrobeson@yahoo.com> wrote in message
>>>> news:1164905170.190670.243160@16g2000cwy.googlegroups.com...
>>>>> ...
>>>>> do it because I'm already in a high stress job and he's cheap
>>>>> entertainment.
>>>>>
>>>>> 73
>>>>>
>>>>> Steve, K4YZ
>>>>>
>>>> If you are NOT SC, you are his brother... indeed the
>>>> glitch/mis-configuration/error or settings which have been introduced
>>>> into your news reader/poster is a dead giveaway!
>>>
>>>
>>> You're as looney as Markie, John. Stop trying to figure out who
>>> everyone is and maybe try to work on being a good radio operator. Then
>>> maybe your presence on the internet will be valuable.
>>>
>>> SC
>>
>> No trouble at all...
>>
>> Noticing who the idiots are is easy, more so in your case, but easy with
>> most of 'em...
>>
>> JS
>
>
>You still hoping to be a good radio operator some day or did you decide to
>pack it in like Markie?

JS is code tested and aprooved just missed the brain washing sessions
you attened steve
>
>SC

http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3149. Re: an ontopic post about code

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 02:27:44 UTC
From: Mark@kb9rqz.aprs
Message-ID: <h0p1n2ln0afng79sldb0pia71hb8258q3q@4ax.com>
Source record: 48873
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.policy,rec.radio.amateur.antenna

On Fri, 1 Dec 2006 18:14:33 -0500, "A. G. Bell" <hello?@marksakook>
wrote:

>
><Mark@kb9rqz.aprs> wrote in message
>news:0ks0n2hpd00e5ncmb4aamk7j1cr3f8838p@4ax.com...
>> On Thu, 30 Nov 2006 22:05:10 -0800, John Smith
>> <assemblywizard@gmail.com> wrote:
>>
>> >Mark@kb9rqz.aprs wrote:
>> >
>> >> the one I prefer does not
>> >
>> >Mark:
>> >
>> >Take a look at this link, the software is shareware, claims to work with
>> >ANY windows app. I am hoping it might be worth your time, look for the
>> >download link, I have not tried it.
>> >
>> >http://www.sharewareconnection.com/spell-magic.htm
>>
>> I use it some but it is very cumbersome and certainly unuable due to
>> time constraints when some like robeson is in full vioce or keyboard
>> is you prefer
>> >
>> >Regards,
>> >JS
>
>Don't waste your time sounding intelligent, Mark!

I waste nothing sir
>God forbid you'd miss a
>chance to dump on any of Steve's posts at least six times each.

god forbids no such nor do I post more than or twice to any of steve
posts that he chooses to post the same over and over 300 times as he
did today required the cuting and pasting of 30 replies is all
you don't like the reptivenes ask Roesb to at least come up with new
lies to tell

>Steve Robesin is apparetly to you what Lloyd Davies is to Roger Wiseman. He
>stalks, you punce.

I defend myself but thank you for publicly agreeing that Steve is
Stalking me that is a crime

why is it that you blame the victum of the crime for the result?
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3150. Re: kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 02:28:36 UTC
From: Mark@kb9rqz.aprs
Message-ID: <b5p1n2d725meur91g53srj7066ita6lf5d@4ax.com>
Source record: 48874
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

On Sat, 02 Dec 2006 01:41:50 GMT, Slow Code <my.mail@no.spam> wrote:

>"Radiosrfun" <Radiosrfun@radiosrfun.com> wrote in
>news:456fce2e$0$5799$ecde5a14@news.coretel.net:
>
>> "R. Scott" <spamtrap@w7psk.net> wrote in message
>> news:J9G4w1.BG3@news.boeing.com...
>>> Do Like I did, Put SC on ignore.
>>>
>>> He obviously wants to drive everyone from Ham Radio. He has a Bile
>>> taste in his mouth from a bad experiance so he now wishes everyone to
>>> have a bad experiance. He will not rest till he drives everyone from
>>> Ham Radio. So I ignore him as he no longer provides value for my
>>> reading time.
>>>
>>> Its the old Crusty Crumudgeons like him that drive the new people away.
>>>
>>>
>>>
>>> Rick Scott W7PSK
>>>
>>>
>>
>> He isn't driving "me" away from ham. People like him - come and go every
>> day in my life. I look past them.
>> I just wish "others" in "here" did that! His posts are ruining "these"
>> newsgroups.
>
>
>You think this is bad, you ain't seen bad. Just wait until the Lids take
>over HF after CW is eliminated, then you'll be sorry.

steve I hear the band now I heard before the last restructing
>
>That is, You'll be sorry unless you like what CB sounds like.

CB sund better than choas on 80m
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3151. Re: Aren't any of you going to help me?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 02:29:58 UTC
From: Mark@kb9rqz.aprs
Message-ID: <p6p1n2pl3fjc84da3q03n87a35da0d0vnk@4ax.com>
Source record: 48875
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

```
On Sat, 02 Dec 2006 01:41:36 GMT, Slow Code <my.mail@no.spam> wrote:

>John Smith <assemblywizard@gmail.com> wrote in news:eknveg$rpt$1@aioe.org:
>
>> Slow Code wrote:
>>> John Smith <assemblywizard@gmail.com> wrote in
>>> news:eklg2l$9k7$1@aioe.org:
>>>
>>>> Slow Code wrote:
>>>>> "Dee Flint" <deeflint01@comcast.net> wrote in
>>>>> news:-fCdnattvLkdOfbYnZ2dnUVZ_oadnZ2d@comcast.com:
>>>>>
>>>>>> "Slow Code" <my.mail@no.spam> wrote in message
>>>>>> news:4jLah.4136$tM1.1859@newsread1.news.pas.earthlink.net...
>>>>>>> I'm I the only one that wants quality hams?
>>>>>>>
>>>>>>> SC
>>>>>> I'm an active elmer and work at helping all become quality hams.
>>>>>>
>>>>>> Dee, N8UZE
>>>>>
>>>>> But if we push for good tests, new hams will have a leg up and we
>>>>> won't have to elmer them as much and if we push for really really
>>>>> really good tests, they can elmer us after they get licensed.
>>>>>
>>>>> SC
>>>> Slow Idiot:
>>>>
>>>> You must be the most vile, degraded, despicable, disgusting pos (pos =
>>>> piece of chit) which ever fooled their vec and obtained a license.
>>>> You are disgusting beyond description. I pity your neighbors, I
>>>> believe they have ALL had problems with you, I believe the police,
>>>> sheriff and county officials in your county all know you. I bet your
>>>> children despise you, if your wife is still with you--she is a saint!
>>>> You are not just a lightweight idiot, you are a complete idiot. You
>>>> do the name IDIOT! much service, you never cease to be complete and an
>>>> ideal example of an IDIOT. I bet some here do not realize how much
>>>> you tax the services of city, county and state with your ridiculous
>>>> and childish behaviors, wants, fits, temper tantrums, generally
>>>> foolish behavior, etc.
>>>>
>>>> You would truly be a very funny joke, if you were not such an example
>>>> of human depravity. You remind me of the disgust I feel when I see
```

>>>> child molesters and people masturbating in public, drunks, hopeless
>>>> alcoholics and drug addicts, disease infested whores, etc.
>>>>
>>>> I would truly like to leave you with a picture of how disgusting,
>>>> reviling, sick and putrid an individual I view you as, but mere words
>>>> could never paint a proper and complete example. You are beyond
>>>> words, you are beyond my most vilest visions of disgust, you are a
>>>> pinnacle of chit!
>>>>
>>>> Now, all that said, I think you are pulling our legs, no one could
>>>> possibly be so disgusting and stupid--you are just pretending! <grin>
>>>>
>>>> JS
>>>
>>>
>>>
>>> Tnx, 73, Good luck on the code test.
>>>
>>> Sc
>>
>> Been there, done that!
>>
>> I just looked at the license requirements as likened to the
>> responsibility of owning a dog. If you are going to own a dog, you are
>> going to pick up some poop! Code is much the same to owning a station,
>> as poop is to owning a dog, it's almost a 1:1 correlation.
>> ...yawn...
>>
>> JS
>
>
>That's my analogy too.

> I've always seen that operators and the bands are
>like owning a horse. You get some good operators that will do everything
>they can do to be good communicators that will work to improve on their
>knowledge, skills and are willing to help others be better operators too.
>Their efforts like a work horse carry ham radio to new places. (me)

and that includes ME I do everything I can that does not include in my
case morse code I simply lack the nack
>
>But not everyone wants to be valuable to the service and a good operator.
>They are like turds stinking up the bands making them unpleasant and
>stagnant. They don't care to be skilled, or if anyone else is skilled
>and knows anything either. They prefer the smell of turd. They get a
>license and plop on the bands like a horse turd plops on the prairie.(you)
>
>It is a 1:1 correlation.

inded it that you are full of shit
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3152. Re: Lets be RUDE and INSULT each OTHER for a change

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 02:30:24 UTC
From: Mark@kb9rqz.aprs
Message-ID: <f9p1n2l7145cdtg6o447pki6d2vl85j8kj@4ax.com>
Source record: 48726
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.swap

On Sat, 02 Dec 2006 01:41:54 GMT, Slow Code <my.mail@no.spam> wrote:

>"R. Scott" <spamtrap@w7psk.net> wrote in news:J9G4w1.BG3@news.boeing.com:
>
>> Its the old Crusty Crumudgeons like him that drive the new people away.
>>
>>
>>
>> Rick Scott
>
>
>It's the new people that don't want learn or be skilled at anything that
>will turn ham radio into CB and drive good hams away.

funny I have never met such a person
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3153. Re: Ever hear an operator on the bands that you'd just like to slap the shit out of?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 02:35:11 UTC
From: Mark@kb9rqz.aprs
Message-ID: <6ip1n2d7rm7pg7enf0ifsa4bcdgj6iot2q@4ax.com>
Source record: 48727
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.swap

On Sat, 02 Dec 2006 01:41:40 GMT, Slow Code <my.mail@no.spam> wrote:

>"John Smith" <assemblywizard@gmail.com> wrote in
>news:eknvvr$182f$1@news.ndhu.edu.tw:
>
>> Ahhhh.... Now it becomes clear to me, you were right to hang on with
>> your persistence, a revelation has occurred to me!
>>
>> Yes, yes you are! You are the best argument to tossing the rig and
>> grabbing some chicken band equipment which has ever been posed to me!
>>
>> Ten-Four-Good-Buddy!
>
>
>No, no, no, John. You need not toss your gear.

steve you are the best arguejment for anybpdyu to stay out of the ARS
>
>Your CB no-code buddies can and will come to you after the final stage of
>the dumbing down process is complete.
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3154. Re: It's a war people, and the good guys are wining

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 02:38:06 UTC
From: Mark@kb9rqz.aprs
Message-ID: <slp1n2dh9rr21on69figmo1rkv832m4qme@4ax.com>
Source record: 48729
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.swap

On Sat, 02 Dec 2006 01:41:47 GMT, Slow Code <my.mail@no.spam> wrote:

>John Smith <assemblywizard@gmail.com> wrote in
>news:ekod7b$1vru$1@news.ndhu.edu.tw:
>
>> Slow Code wrote:
>>>
>>> We dare not let Lenny and the rest of the dumb-it-down crowd win.
>>>
>>> SC
>>
>> SC:
>>
>> Sometimes I am convinced that you are an excellent "satire comedian."
>> Other times, you have me convinced you are for real. Sometimes you have
>> me busting a gut and laughing until tears come, other times you yank my
>> heart-stings in pity.
>>
>> Take this last post of your, it can be viewed as tongue-in-cheek satire,
>> or, it can be viewed as insane rant.
>
>
>I'm a firm believer in using humor and satire to try to make my point.
>It's like cracking a walnut with a sledgehammer. Whether or not anyone
>wants to accept or agree with me, I hope we can all still have a good
>laugh.

if you want laughs you need to post something FUNNY steve
>
>
>> I know of no good reasons to maintain any CW requirement in amateur
>> testing.
>
>How about, Requiring it in order to be able to communicate with it?
why>
>That's a good reason and you're learning a skill. Keeping people like
>Markie off HF doesn't sound too bad either.

why should I be kept off they let you on
>
>The first time you hear 'AAAAAAUDIOOOOOOOOOOOO' or 'skipland skipland
>skipland' in the middle of 20meters, you'll get a change of heart and will
>want to beg forgiveness at the Church of Hiram. I heard it a couple times
>and it made even the hairs on the back of my neck stand up and I was

>already born again.
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3155. Re: KTN4GN inviting people to monitor FOUO, was: Re: K4YZ have told CAP you intend to violate FOUO frequncy info?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 02:38:30 UTC
From: Mark@kb9rqz.aprs
Message-ID: <sop1n2pibl2q9svls0s6671qnabd33t0sv@4ax.com>
Source record: 48728
Cross-posted to: rec.radio.amateur.antenna,rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

```
On Sat, 02 Dec 2006 01:41:51 GMT, Slow Code <my.mail@no.spam> wrote:

>hot-ham-and-cheese@hotmail.com wrote in
>news:1164938185.794275.103550@j44g2000cwa.googlegroups.com:
>
>>
>> kb9rqz-1@hotmail.com wrote:
>>> K4YZ wrote:
>>> > hot-ham@hotmail.com wrote:
>>
>>> > > So what was it all about???
>>> > >
>>> > > Monitoring CAP FOUO communications.
>>> > >
>>> > > I recall K4YZ/KTN4GN inviting people to monitor him and he would
>>> > > send an SWL confirmation.
>>> > >
>>> > > Hi! So much for FOUO.
>>> >
>>> > Uh huh.
>>> >
>>> > And nowhere in my QRZ bio did I mention operating frequencies,
>>> > net
>>> > times, operational objectives, etc.
>>>
>>> so?
>>
>> WWW.QRZ.COM search "K4YZ"
>>
>>> > FOUO maintained...Brain made a fool of...Again...
>>>
>>> maybe maybe not
>>>
>>> have you told CAP you intend to confirm FOUO freqs and time
>>
>> This is where his innocense falls apart. Somehow he's going to confirm
>> an SWL card with "I can neither confirm nor deny..." Riiiiight.
>>
>> PopComm needs to beware publishing this idiot's letters.
>
>
>You really are a bitter ham. Lack of CW in the radio diet will do that to
```

>you. Just look at all the hate on eleven meters. Those people are even
>gunning each other down in shopping mall parking lots.
no steve you are
>
>SC
http://kb9rqz.blogspot.com/

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Posted via a free Usenet account from http://www.teranews.com

3156. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 02:47:25 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <4570e93d$0$1012$39cecf19@news.twtelecom.net>
Source record: 48730

art wrote:
<snip>
>
> There again maybe it is best that you be honest and say
> you don't understand! Better that than join those who have
> nothing to say about antennas!
>

Actually Art, you are already the master of misunderstanding.

tom
K0TAR

3157. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 02:53:42 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ekqpq5$3nr$1@aioe.org>
Source record: 48731

art wrote:

> There again maybe it is best that you be honest and say
> you don't understand! Better that than join those who have
> nothing to say about antennas!
>

Interesting, but you cannot argue with decibels, and the yagi is more efficient that a dipole without reflector and director, at least at capturing signal.

However, while I can picture the reflector acting as a mirror (and to some extent, this can be "proven", make the reflector a sheet and see how much signal is radiated to the other side, away from the driven element.

But, that darn director has always bothered me, I see it acting more as a "magnifying glass to rf" than absorbing the signal and re-radiating it to the de, or absorbing the signal and coupling it to the de via magnetic or capactive means... one more bit of a puzzle which gives me visions of the ether (which some say is caused by evil spirits and/or the drugs I did in college (I don't think the beer hurt anything!))

But, with his calculator in hand, I know cecil will take this head on...

JS

3158. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 03:04:23 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <4570ed37$0$662$39cecf19@news.twtelecom.net>
Source record: 48732

art wrote:

> Tom Ring wrote:
>
>>art wrote:
>><snip>
>>
>>>There again maybe it is best that you be honest and say
>>>you don't understand! Better that than join those who have
>>>nothing to say about antennas!
>>>
>>
>>Actually Art, you are already the master of misunderstanding.
>>
>>tom
>>K0TAR
>
> See Tom you had nothing of value to say about antennas or the question
> at hand
> I think you would be better conversing with members of this group who
> are intent on disruption and stop questions on antennas. What goes
> around comes around so I will not answer in kind. If you want to stick
> with the idea that a yagi is the next thing to sliced bread then be my
> guest Better still study up on the code so you can join friends.
>

Actually Art, you never listen to reasonable arguments, so I didn't
offer one.

tom
K0TAR

3159. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 03:07:17 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <4570ede5$0$662$39cecf19@news.twtelecom.net>
Source record: 48733

art wrote:

> Tom Ring wrote:
>
>>art wrote:
>><snip>
>>
>>>There again maybe it is best that you be honest and say
>>>you don't understand! Better that than join those who have
>>>nothing to say about antennas!
>>>
>>
>>Actually Art, you are already the master of misunderstanding.
>>
>>tom
>>K0TAR
>
> See Tom you had nothing of value to say about antennas or the question
> at hand
> I think you would be better conversing with members of this group who
> are intent on disruption and stop questions on antennas. What goes
> around comes around so I will not answer in kind. If you want to stick
> with the idea that a yagi is the next thing to sliced bread then be my
> guest Better still study up on the code so you can join friends.
>

And to continue the theme -

Actually Art, yagis are usually better than 95% efficient.

tom
K0TAR

3160. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 03:13:15 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <fb6ch.184$lb1.47@trnddc05>
Source record: 48734

"art" <aunwin@insightbb.com> wrote in message
news:1165026591.431588.248540@80g2000cwy.googlegroups.com...
> Some time ago I mentioned how inefficient Yagi design
> antennas were thinking more in the way of how little of
> the radiation used got to its required direction.
> At that time people said the antenna was efficient though
> they wanted to talk about
> actual radiation efficiency and the sniping began
> .Nobody but nobody came back with the radiation
> efficiency of a Yagi as they saw the question, they
> just wanted to throw stones.Imagine that antennas
> was not what the experts wanted to talk about and
> the newsgroup took a turn for the worst
> So I join in with the thoughts of radiation efficiency
> of a yagi unless you prefere to give up this antenna
> newsgroup. But before you scream out and throw
> stones again I will referr to efficiency as most of the
> members of this group what's left of them think of the term.
> So let's look at that if that is what you preferr..
>
> The basic small yagi has three elements one driven,
> one a reflector and one a director yet only one
> element has a truly resistive impedance whereas
> the other two do not. Since two elements out of the
> three are producing reactive impedances and wherein
> the reactive portions of impedance is pure waste
> pray tell me how one can consider a yagi as efficient?
> And please, please don't waste time on "I don't understand"
> otherwise everything drops down to the subject of spark noise
> which was really decided by hams a long while ago.
> On the other side of the coin, if the reactive portion of an
> impedance is not waste then why is LCR
> type mesh circuitry only revolve around lumped circuitry?
> HINT add up the power emminating from each element
> P =I sq times real resistance for those who are just followers.
>
> There again maybe it is best that you be honest and say
> you don't understand! Better that than join those who have
> nothing to say about antennas!

Hi Art

OK, I dont understand. Perhaps I could begin to understand if I was
given the definition of efficiency we are using in this discussion. How do
you define efficiency?

Jerry

3161. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 03:18:40 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <4570f091$0$1005$39cecf19@news.twtelecom.net>
Source record: 48735

art wrote:
>
> See Tom you had nothing of value to say about antennas or the question
> at hand
> I think you would be better conversing with members of this group who
> are intent on disruption and stop questions on antennas. What goes
> around comes around so I will not answer in kind. If you want to stick
> with the idea that a yagi is the next thing to sliced bread then be my
> guest Better still study up on the code so you can join friends.
>

And, actually Art, and most important, you seem to have no comprehension about what is possible to realize with a yagi that is about a half wavelength. What you want to do takes yagis that are 10, 20 or more wavelengths. And very high above the ground.

Reality is a nasty thing.

tom
K0TAR

3162. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 03:24:08 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165029848.245865.156680@79g2000cws.googlegroups.com>
Source record: 48736

John Smith wrote:
> art wrote:
>
> > There again maybe it is best that you be honest and say
> > you don't understand! Better that than join those who have
> > nothing to say about antennas!
> >
>
> Interesting, but you cannot argue with decibels, and the yagi is more
> efficient that a dipole without reflector and director, at least at
> capturing signal.

So the increase in reactive impedances radiation efficiency goes up?

>
> However, while I can picture the reflector acting as a mirror (and to
> some extent, this can be "proven", make the reflector a sheet and see
> how much signal is radiated to the other side, away from the driven element.hat energy d
it

Oh come on John, Llewellyn states the rear adds to forward radiation
and you come along with similar junk. A vector to the rear where there
is an detuned element which some how
over turns the idea of energy can't be created or destroyed ? I suppose
Roy will come up with some trash that because the reflector is reactive
it overcomes the vector that created it!

>
> But, that darn director has always bothered me, I see it acting more as
> a "magnifying glass to rf" than absorbing the signal and re-radiating it

Come on John if it is detuned from the frequency of use it can;'t be
reradiating everything
remember the hint I gave in the posting

> to the de, or absorbing the signal and coupling it to the de via
> magnetic or capactive means...
Oh John you have done it again if you are going to revolve
your position around coupling then losses will mount up
even more. It really isnt a puzzle unless you listen to
comments from experts who only read about Yagi's
and shut everything else out or are just looking for an
opportunity to snipe or emmulate snow code.

one more bit of a puzzle which gives me
> visions of the ether (which some say is caused by evil spirits and/or

> the drugs I did in college (I don't think the beer hurt anything!))
>
> But, with his calculator in hand, I know cecil will take this head on...

I thought ether was something that did not posses its own energy
support
only a mediam for energy to pass thru, but we could change the
subject to that I suppose

>
> JS

3163. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 03:24:29 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165029869.543719.195660@j44g2000cwa.googlegroups.com>
Source record: 48737

John Smith wrote:
> art wrote:
>
> > There again maybe it is best that you be honest and say
> > you don't understand! Better that than join those who have
> > nothing to say about antennas!
> >
>
> Interesting, but you cannot argue with decibels, and the yagi is more
> efficient that a dipole without reflector and director, at least at
> capturing signal.

So the increase in reactive impedances radiation efficiency goes up?

>
> However, while I can picture the reflector acting as a mirror (and to
> some extent, this can be "proven", make the reflector a sheet and see
> how much signal is radiated to the other side, away from the driven element.hat energy d
it

Oh come on John, Llewellyn states the rear adds to forward radiation
and you come along with similar junk. A vector to the rear where there
is an detuned element which some how
over turns the idea of energy can't be created or destroyed ? I suppose
Roy will come up with some trash that because the reflector is reactive
it overcomes the vector that created it!

>
> But, that darn director has always bothered me, I see it acting more as
> a "magnifying glass to rf" than absorbing the signal and re-radiating it

Come on John if it is detuned from the frequency of use it can;'t be
reradiating everything
remember the hint I gave in the posting

> to the de, or absorbing the signal and coupling it to the de via
> magnetic or capactive means...
Oh John you have done it again if you are going to revolve
your position around coupling then losses will mount up
even more. It really isnt a puzzle unless you listen to
comments from experts who only read about Yagi's
and shut everything else out or are just looking for an
opportunity to snipe or emmulate snow code.

one more bit of a puzzle which gives me
> visions of the ether (which some say is caused by evil spirits and/or

> the drugs I did in college (I don't think the beer hurt anything!))
>
> But, with his calculator in hand, I know cecil will take this head on...

I thought ether was something that did not posses its own energy
support
only a mediam for energy to pass thru, but we could change the
subject to that I suppose

>
> JS

3164. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 03:29:06 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165030146.719022.51730@f1g2000cwa.googlegroups.com>
Source record: 48738

Could be, seems reasonable but some want to view the yagi as the cats
wiskers
and totally efficient which it cannot be despite all the trash talk
from so called experts

Tom Ring wrote:
> art wrote:
>
> > Tom Ring wrote:
> >
> >>art wrote:
> >><snip>
> >>
> >>>There again maybe it is best that you be honest and say
> >>>you don't understand! Better that than join those who have
> >>>nothing to say about antennas!
> >>>
> >>
> >>Actually Art, you are already the master of misunderstanding.
> >>
> >>tom
> >>K0TAR
> >
> > See Tom you had nothing of value to say about antennas or the question
> > at hand
> > I think you would be better conversing with members of this group who
> > are intent on disruption and stop questions on antennas. What goes
> > around comes around so I will not answer in kind. If you want to stick
> > with the idea that a yagi is the next thing to sliced bread then be my
> > guest Better still study up on the code so you can join friends.
> >
>
> And to continue the theme -
>
> Actually Art, yagis are usually better than 95% efficient.
>
> tom
> K0TAR

3165. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 03:29:20 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165030159.970466.242840@16g2000cwy.googlegroups.com>
Source record: 48739

Could be, seems reasonable but some want to view the yagi as the cats
wiskers
and totally efficient which it cannot be despite all the trash talk
from so called experts

Tom Ring wrote:
> art wrote:
>
> > Tom Ring wrote:
> >
> >>art wrote:
> >><snip>
> >>
> >>>There again maybe it is best that you be honest and say
> >>>you don't understand! Better that than join those who have
> >>>nothing to say about antennas!
> >>>
> >>
> >>Actually Art, you are already the master of misunderstanding.
> >>
> >>tom
> >>K0TAR
> >
> > See Tom you had nothing of value to say about antennas or the question
> > at hand
> > I think you would be better conversing with members of this group who
> > are intent on disruption and stop questions on antennas. What goes
> > around comes around so I will not answer in kind. If you want to stick
> > with the idea that a yagi is the next thing to sliced bread then be my
> > guest Better still study up on the code so you can join friends.
> >
>
> And to continue the theme -
>
> Actually Art, yagis are usually better than 95% efficient.
>
> tom
> K0TAR

3166. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 03:36:27 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165030587.126484.145330@j72g2000cwa.googlegroups.com>
Source record: 48740

Not a reasonable answer, could be speculation like some of the comments
I get from experts. The yagi is not totally efficient in changing the
time changing field to a radiative field
because it has detuned elements contrary to what Roy states that a
reflector aids the forward lobe.......that is trash talk but many of
the so called experts are following like lemmons

Tom Ring wrote:
> art wrote:
>
> > Tom Ring wrote:
> >
> >>art wrote:
> >><snip>
> >>
> >>>There again maybe it is best that you be honest and say
> >>>you don't understand! Better that than join those who have
> >>>nothing to say about antennas!
> >>>
> >>
> >>Actually Art, you are already the master of misunderstanding.
> >>
> >>tom
> >>K0TAR
> >
> > See Tom you had nothing of value to say about antennas or the question
> > at hand
> > I think you would be better conversing with members of this group who
> > are intent on disruption and stop questions on antennas. What goes
> > around comes around so I will not answer in kind. If you want to stick
> > with the idea that a yagi is the next thing to sliced bread then be my
> > guest Better still study up on the code so you can join friends.
> >
>
> And to continue the theme -
>
> Actually Art, yagis are usually better than 95% efficient.
>
> tom
> K0TAR

3167. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 03:36:37 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165030597.475655.195640@l12g2000cwl.googlegroups.com>
Source record: 48741

Not a reasonable answer, could be speculation like some of the comments
I get from experts. The yagi is not totally efficient in changing the
time changing field to a radiative field
because it has detuned elements contrary to what Roy states that a
reflector aids the forward lobe.......that is trash talk but many of
the so called experts are following like lemmons

Tom Ring wrote:
> art wrote:
>
> > Tom Ring wrote:
> >
> >>art wrote:
> >><snip>
> >>
> >>>There again maybe it is best that you be honest and say
> >>>you don't understand! Better that than join those who have
> >>>nothing to say about antennas!
> >>>
> >>
> >>Actually Art, you are already the master of misunderstanding.
> >>
> >>tom
> >>K0TAR
> >
> > See Tom you had nothing of value to say about antennas or the question
> > at hand
> > I think you would be better conversing with members of this group who
> > are intent on disruption and stop questions on antennas. What goes
> > around comes around so I will not answer in kind. If you want to stick
> > with the idea that a yagi is the next thing to sliced bread then be my
> > guest Better still study up on the code so you can join friends.
> >
>
> And to continue the theme -
>
> Actually Art, yagis are usually better than 95% efficient.
>
> tom
> K0TAR

3168. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 03:46:24 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <4570f710$0$6150$39cecf19@news.twtelecom.net>
Source record: 48742

art wrote:

> Not a reasonable answer, could be speculation like some of the comments
> I get from experts. The yagi is not totally efficient in changing the
> time changing field to a radiative field
> because it has detuned elements contrary to what Roy states that a
> reflector aids the forward lobe.......that is trash talk but many of
> the so called experts are following like lemmons
>

So why is it then, that Roy and several dozen others here have made good livings, written respected books, and designed antenna systems that defined how good it can get? And all you have done is call them names?

Sounds like the "so called experts" are a lot effing smarter than you.

All you have done is throw stones, which is what you accuse all of us of, by the way. And you haven't given a microgram of proof that what you believe is true.

tom
K0TAR

3169. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 03:47:38 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165031258.705399.218220@79g2000cws.googlegroups.com>
Source record: 48743

Hi Jerry perhaps I am wrong that there ARE people who want to talk
antennas
We went thru this some time ago and I was referring to efficiency of
the yagi antenna
with respect to the radiation field where much is reflected to areas of
no concern.
Others did not like this and said efficiency referred to is one of the
radiation facets of a radiating array and the yagi is efficient and
then the sniping statrted and the newsgroup went down hill as others
joined to emulate and perpetuate abrasive non antenna related
subjects. I just popped back to see if the group wanted to change back
to antenna talk
and posted the term efficiency of the yagi in terms of radiation which
everybody was
auguing about. Well things haven't changed they still just want to
throw stones and more will join in as the thread goes on., Ill stick it
out for an hour or so and then move on again.
Cant wait for somebody to compare with free space stuff to add to the
confusion, I know it will come

Jerry Martes wrote:
> "art" <aunwin@insightbb.com> wrote in message
> news:1165026591.431588.248540@80g2000cwy.googlegroups.com...
> > Some time ago I mentioned how inefficient Yagi design
> > antennas were thinking more in the way of how little of
> > the radiation used got to its required direction.
> > At that time people said the antenna was efficient though
> > they wanted to talk about
> > actual radiation efficiency and the sniping began
> > .Nobody but nobody came back with the radiation
> > efficiency of a Yagi as they saw the question, they
> > just wanted to throw stones.Imagine that antennas
> > was not what the experts wanted to talk about and
> > the newsgroup took a turn for the worst
> > So I join in with the thoughts of radiation efficiency
> > of a yagi unless you prefere to give up this antenna
> > newsgroup. But before you scream out and throw
> > stones again I will referr to efficiency as most of the
> > members of this group what's left of them think of the term.
> > So let's look at that if that is what you preferr..
> >
> > The basic small yagi has three elements one driven,
> > one a reflector and one a director yet only one
> > element has a truly resistive impedance whereas

> > the other two do not. Since two elements out of the
> > three are producing reactive impedances and wherein
> > the reactive portions of impedance is pure waste
> > pray tell me how one can consider a yagi as efficient?
> > And please, please don't waste time on "I don't understand"
> > otherwise everything drops down to the subject of spark noise
> > which was really decided by hams a long while ago.
> > On the other side of the coin, if the reactive portion of an
> > impedance is not waste then why is LCR
> > type mesh circuitry only revolve around lumped circuitry?
> > HINT add up the power emminating from each element
> > P =I sq times real resistance for those who are just followers.
> >
> > There again maybe it is best that you be honest and say
> > you don't understand! Better that than join those who have
> > nothing to say about antennas!
>
>
> Hi Art
>
> OK, I dont understand. Perhaps I could begin to understand if I was
> given the definition of efficiency we are using in this discussion. How do
> you define efficiency?
>
> Jerry

3170. Re: Mounting antennas atop rowhomes?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 03:48:26 UTC
From: Bob Miller <NOSPAM@neosoft.com>
Message-ID: <jpt1n2hdb1dur8e70oifrjo99q0vji0i10@4ax.com>
Source record: 48744

On Thu, 30 Nov 2006 23:42:28 -0500, "E. Recio"
<e_recio_polywog_org_FirstTwo_at_SecondTwo@foobar.com> wrote:

>I want to get a simple omnidirectional antenna in the air. Part of the
>issue is that I have heard hairy stories about attaching the antennas to
>the chimney. Problem is that I live in a rowhome. The front and rear is
>stucco. Really the only thing to attach it to is the chimney...
>
>I can drill into the stucco in the rear of the house, I guess... but
>would like to get some ideas?
>
>I am thinking something for 440/1.2G. But that's just the beginning
>(since it's the smallest, I am figuring). Additionally, whatever the
>mechanics of what I put up, it - the mounts - should be able to support
>larger antennas for the lower bands for the future.
>
>Any ideas would be helpful. I kinda want to do this right to save myself
>pains of structural damage to the house 10 years down the road.
>
>-E

A metal mast (like from Home Depot or Lowes) for TV antennas, and
three guy wires.

bob
k5qwg

3171. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 03:55:40 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165031740.803477.251520@l12g2000cwl.googlegroups.com>
Source record: 48745

There you go Tom still giving comments but no substance. Pretty simple
accept that a yagi
is not the best thing since sliced bread starting with the use of
detuned elements.
If you do not understand what detuning elements do then you can have
nothing reasonable to offer so don't blame me for that. If you have a
salient staement I'll listen because I started the thread. If you want
to change things then start your own thread to get them talking about
it. Boy.....posts are coming out of the woodwork, where has everybody
been?

Tom Ring wrote:
> art wrote:
> >
> > See Tom you had nothing of value to say about antennas or the question
> > at hand
> > I think you would be better conversing with members of this group who
> > are intent on disruption and stop questions on antennas. What goes
> > around comes around so I will not answer in kind. If you want to stick
> > with the idea that a yagi is the next thing to sliced bread then be my
> > guest Better still study up on the code so you can join friends.
> >
>
> And, actually Art, and most important, you seem to have no comprehension
> about what is possible to realize with a yagi that is about a half
> wavelength. What you want to do takes yagis that are 10, 20 or more
> wavelengths. And very high above the ground.
>
> Reality is a nasty thing.
>
> tom
> K0TAR

3172. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 04:05:52 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165032351.923848.222080@j72g2000cwa.googlegroups.com>
Source record: 48746

Tom if you want to align yourself who say they don't understand that is
fine with me.

Do you have anything to say about radiation efficiency of a yagi which
is what the posting is about you mentioned something about 95 efficient
which you got from some where you could describe why and how 5% of the
input anergy is lost or were you just guessing?
Start a new thread if you like and I will go to bed as I am going
nowhere with this and I am not anxious to stay when profanitys break
out and it is heading that way

art wrote:
> Not a reasonable answer, could be speculation like some of the comments
> I get from experts. The yagi is not totally efficient in changing the
> time changing field to a radiative field
> because it has detuned elements contrary to what Roy states that a
> reflector aids the forward lobe.......that is trash talk but many of
> the so called experts are following like lemmons
>
>
> Tom Ring wrote:
> > art wrote:
> >
> > > Tom Ring wrote:
> > >
> > > >art wrote:
> > > ><snip>
> > > >
> > > >>There again maybe it is best that you be honest and say
> > > >>you don't understand! Better that than join those who have
> > > >>nothing to say about antennas!
> > > >>>
> > > >>
> > > >>Actually Art, you are already the master of misunderstanding.
> > > >>
> > > >>tom
> > > >>K0TAR
> > > >
> > > > See Tom you had nothing of value to say about antennas or the question
> > > > at hand
> > > > I think you would be better conversing with members of this group who
> > > > are intent on disruption and stop questions on antennas. What goes
> > > > around comes around so I will not answer in kind. If you want to stick
> > > > with the idea that a yagi is the next thing to sliced bread then be my
> > > > guest Better still study up on the code so you can join friends.

> > >
> >
> > And to continue the theme -
> >
> > Actually Art, yagis are usually better than 95% efficient.
> >
> > tom
> > K0TAR

3173. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 04:11:56 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <2uu1n2llsnpuhqs8oi5lvq205q0i9hcolj@4ax.com>
Source record: 48747

ORIGINAL MESSAGE:

On 1 Dec 2006 18:29:51 -0800, "art" <aunwin@insightbb.com> wrote:

>Since two elements out of the
> three are producing reactive impedances and wherein
> the reactive portions of impedance is pure waste
> pray tell me how one can consider a yagi as efficient?

------------ REPLY FOLLOWS ------------

Please let us know what electronics school you attended so we can
avoid it like the plague and, if at all possible, have it
de-certified.

Thanks,

Bill, W6WRT

3174. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 04:21:09 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ekquu0$g1v$1@aioe.org>
Source record: 48748

art wrote:
> the so called experts are following like lemmons
>

Kind of reminds ya of a defective cars. Huh?

JS

3175. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 04:31:55 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165033915.151062.293830@j72g2000cwa.googlegroups.com>
Source record: 48749

Bill prove me wrong thats all you have to do prove me wrong
Its a simple statement detuned elements create inefficiency
Avoid it like a plague you say, it is to late in your life to think
about getting an education You have presented nothing of value
to the question, absolutely nothing. I suggest you continue to
be a lemming and follow the others. Doesnt it worry you
that you have placed yourself out on a limb by preceeding
experts comments instead of waiting so you can follow ?
Seems like the antenna group is still happy with their fellow
associates in the group so pick up some more stones say
some swear words and impress
the others.
See you maybe in a couple of weeks when I may drop back in.

so save some of those projectiles!

Bill Turner wrote:
> ORIGINAL MESSAGE:
>
> On 1 Dec 2006 18:29:51 -0800, "art" <aunwin@insightbb.com> wrote:
>
>
> >Since two elements out of the
> > three are producing reactive impedances and wherein
> > the reactive portions of impedance is pure waste
> > pray tell me how one can consider a yagi as efficient?
>
> ------------ REPLY FOLLOWS ------------
>
> Please let us know what electronics school you attended so we can
> avoid it like the plague and, if at all possible, have it
> de-certified.
>
> Thanks,
>
> Bill, W6WRT

3176. Re: It's a war people, and the lazy asses are trying to take over.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 05:15:46 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <7_7ch.27426$JA.19845@newsfe11.phx>
Source record: 48750
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"John Smith" <assemblywizard@gmail.com> wrote in message
news:ekod7b$1vru$1@news.ndhu.edu.tw...
> Slow Code wrote:
> >
> > We dare not let Lenny and the rest of the dumb-it-down crowd win.
> >
> > SC
>
> Sometimes I am convinced that you are an excellent "satire comedian."
> Other times, you have me convinced you are for real.

I jousted with him for a while. It was like trying to stab fog.

3177. Re: FM Transmitter for CD Players?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 05:29:24 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <Va8ch.27432$JA.9975@newsfe11.phx>
Source record: 48751

"W. Watson" <wolf_tracks@invalid.com> wrote in message
news:VXzbh.4973$ql2.2821@newsread3.news.pas.earthlink.net...
> Sal M. Onella wrote:
>
> > Ramsey has FM kits that are easy to build and, after I did three of
them,
> > reliable. I think I did the FM-10C.

> Thanks. I had checked with Ramsey and thought they were over priced, and
my
> days of building kits have long passed. Gateway sells the kits or has some
> other FM xmitter?
>

< snipped >

No others that I know of.. Radio Shack has one, but it's low powered, if I remember it. The Ramsey went about 100 feet off a legal wire (30 inches, I think) and the RS only about 25 feet. I am in a metropolitan area, which is a disadvantage to these little units -- hard as heck to find a clear spot! Then too, receiver AFC pulls off to something else if you suffer a fade.

3178. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 05:54:15 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <by8ch.2712$Ga7.2011@trnddc01>
Source record: 48752

Hi Art

You know, I am really a slow learner. I still dont understand how
efficiency is defined. Can you try again to teach me how efficiency is
defined??

Thanks
Jerry

"art" <aunwin@insightbb.com> wrote in message
news:1165031258.705399.218220@79g2000cws.googlegroups.com...
> Hi Jerry perhaps I am wrong that there ARE people who want to talk
> antennas
> We went thru this some time ago and I was referring to efficiency of
> the yagi antenna
> with respect to the radiation field where much is reflected to areas of
> no concern.
> Others did not like this and said efficiency referred to is one of the
> radiation facets of a radiating array and the yagi is efficient and
> then the sniping statrted and the newsgroup went down hill as others
> joined to emulate and perpetuate abrasive non antenna related
> subjects. I just popped back to see if the group wanted to change back
> to antenna talk
> and posted the term efficiency of the yagi in terms of radiation which
> everybody was
> auguing about. Well things haven't changed they still just want to
> throw stones and more will join in as the thread goes on., Ill stick it
> out for an hour or so and then move on again.
> Cant wait for somebody to compare with free space stuff to add to the
> confusion, I know it will come
>
>
>
>
> Jerry Martes wrote:
>> "art" <aunwin@insightbb.com> wrote in message
>> news:1165026591.431588.248540@80g2000cwy.googlegroups.com...
>> > Some time ago I mentioned how inefficient Yagi design
>> > antennas were thinking more in the way of how little of
>> > the radiation used got to its required direction.
>> > At that time people said the antenna was efficient though
>> > they wanted to talk about
>> > actual radiation efficiency and the sniping began
>> > .Nobody but nobody came back with the radiation
>> > efficiency of a Yagi as they saw the question, they

>> > just wanted to throw stones.Imagine that antennas
>> > was not what the experts wanted to talk about and
>> > the newsgroup took a turn for the worst
>> > So I join in with the thoughts of radiation efficiency
>> > of a yagi unless you prefere to give up this antenna
>> > newsgroup. But before you scream out and throw
>> > stones again I will referr to efficiency as most of the
>> > members of this group what's left of them think of the term.
>> > So let's look at that if that is what you preferr..
>> >
>> > The basic small yagi has three elements one driven,
>> > one a reflector and one a director yet only one
>> > element has a truly resistive impedance whereas
>> > the other two do not. Since two elements out of the
>> > three are producing reactive impedances and wherein
>> > the reactive portions of impedance is pure waste
>> > pray tell me how one can consider a yagi as efficient?
>> > And please, please don't waste time on "I don't understand"
>> > otherwise everything drops down to the subject of spark noise
>> > which was really decided by hams a long while ago.
>> > On the other side of the coin, if the reactive portion of an
>> > impedance is not waste then why is LCR
>> > type mesh circuitry only revolve around lumped circuitry?
>> > HINT add up the power emminating from each element
>> > P =I sq times real resistance for those who are just followers.
>> >
>> > There again maybe it is best that you be honest and say
>> > you don't understand! Better that than join those who have
>> > nothing to say about antennas!
>>
>>
>> Hi Art
>>
>> OK, I dont understand. Perhaps I could begin to understand if I was
>> given the definition of efficiency we are using in this discussion. How
>> do
>> you define efficiency?
>>
>> Jerry
>

3179. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 06:29:23 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ekr6ee$56g$1@aioe.org>
Source record: 48753

Jerry Martes wrote:
>>> ...
>>> How do you define efficiency?
>>>
>>> Jerry
>
>

Jerry:

You make that sound like such a simple question.

Antenna efficiency is a complicated and often misused figure.

All antennas suffer from losses. A simple horn antenna for example will
not be as efficient as a perfect aperture of the same size because of
phase offset. The real efficiency of an antenna combines impedance match
with other factors such as aperture and radiation efficiency to give the
overall radiated signal for a given input. The best and mostwidely used
expression of this efficiency is to combine overall efficiency with
directivity (of the antenna) and express the efficiency times
directivity as gain.

The above is NOT mine, but taken from the web...
http://www.tmcdesign.com/antenna%20catalog%202001%20cd/Helpful%20Antenna%20Information.htm

So, we need to know if we are discussing antenna efficiency, or
radiation efficiency, or the skin effect as related to the ether
efficiency, etc. <grin>

Good that you are asking him!

Regards,
JS

3180. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 07:04:20 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <Uz9ch.71$Qa7.6@trnddc03>
Source record: 48754

"John Smith" <assemblywizard@gmail.com> wrote in message
news:ekr6ee$56g$1@aioe.org...
> Jerry Martes wrote:
> >>> ...
>>>> How do you define efficiency?
>>>>
>>>> Jerry
>>
>>
>
> Jerry:
>
> You make that sound like such a simple question.
>
> Antenna efficiency is a complicated and often misused figure.
>
> All antennas suffer from losses. A simple horn antenna for example will
> not be as efficient as a perfect aperture of the same size because of
> phase offset. The real efficiency of an antenna combines impedance match
> with other factors such as aperture and radiation efficiency to give the
> overall radiated signal for a given input. The best and mostwidely used
> expression of this efficiency is to combine overall efficiency with
> directivity (of the antenna) and express the efficiency times directivity
> as gain.
>
>
> The above is NOT mine, but taken from the web...
>
http://www.tmcdesign.com/antenna%20catalog%202001%20cd/Helpful%20Antenna%20Information.htm
>
> So, we need to know if we are discussing antenna efficiency, or radiation
> efficiency, or the skin effect as related to the ether efficiency, etc.
> <grin>
>
> Good that you are asking him!
>
> Regards,
> JS

Hi John

It really *is* a simple question. Again, how is Efficienct being defined
for this investigation?? As you have written, that question has to be
answered by Art, the original poster, ?doesnt it?

I was a little embarrassed because that "definition" of gain in the referenced site was really difficult for me to understand. I really admire you guys who understand phrases like "phase offset" as related to efficiency.

Jerry

3181. Re: Tower height question (moved thread from tower pro NG)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 10:16:28 UTC
From: Roger <GetValidAddress@my.com>
Message-ID: <2dk2n2145a4g2e8eafn9tc0nul8iqhk163@4ax.com>
Source record: 48755

On 30 Nov 2006 04:04:46 -0800, "Denny" <k8do@mailblocks.com> wrote:

>The most direct answer is to put up as tall a tower as you can...
>Horizontal antennas for for 40-10, and shunt feed the tower on 80 and
>160...

Of course you have to remember that as you get older those things can
be a bear to climb. <:-)) and then stay up there for the whole
afternoon. OTOH I'd like to have at least a couple elements on 40.
I'd give up the 144 and 440 arrays to do that. Not sure how close I
could get the 40 to the tribander with the 6-meter yagi about 12 feet
above that.

Oh! Lost the 160 sloper due to a shedding will tree yesterday during
the storm. I have to go all the way to the top to fix that.

>
>denny - k8do
Roger Halstead (K8RI & ARRL life member)
(N833R, S# CD-2 Worlds oldest Debonair)
www.rogerhalstead.com

3182. Re: Mounting antennas atop rowhomes?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 11:55:51 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <vtCdnZ8sP6Ba9OzYnZ2dnUVZ_uednZ2d@comcast.com>
Source record: 48756

Rod Maupin wrote:

> When I lived in Chicago, my two story house was on a small lot, and the
> house were close together. So there was no room for anything except a
> vertical. The easiest way was for me to attach it to the chimney. My
> antenna was a Butternut HF6V that was around 30' long. I don't remember
> exactly how long. Anyway, I went to Radio Shack and got this kit for
> attaching to the chimney. It had two ratchet mechinisms that had straps
> attached. I put one on the chimney, just above the roof about 6". The
> other was put almost at the top. The straps went around the chimney sides
> and back in the ratchet and then you tightened it. Then you slipped the
> vertical in the two supports and tightened.
>
> I had that vertical up in snow and ice storms and never had any problems. I
> couldn't have put beams up because they would have stuck over the property
> line and over my neighbor's roof, which wouldn't have gone over very well.
>
> Anyway, that's one thing that worked.
>
>

There is a CAUTION for chimney mounted antennas! The normal brick chimney is design and built for vertical loads [concrete and bricks]. It is not designed for any torque loads [twist and/or bends].

Small tv antennas seem to be OK. I would be cautious with larger Ham antennas.

/s/ DD

3183. Re: Tower height question (moved thread from tower pro NG)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 12:50:11 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1165063811.887122.263920@73g2000cwn.googlegroups.com>
Source record: 48757

Given the freezing rain yesterday it will be a while before I climb the
towers..
The bolt sheared on the 4el-40 mounting in that wind a couple days ago
and the beam is tipped up again... Looks like it has to come down
<sigh>
You are right, as you get older this gets to be less and less like
fun...
denny

Roger wrote:
> On 30 Nov 2006 04:04:46 -0800, "Denny" <k8do@mailblocks.com> wrote:
>
> >The most direct answer is to put up as tall a tower as you can...
> >Horizontal antennas for for 40-10, and shunt feed the tower on 80 and
> >160...
>
> Of course you have to remember that as you get older those things can
> be a bear to climb. <:-)) and then stay up there for the whole
> afternoon. OTOH I'd like to have at least a couple elements on 40.
> I'd give up the 144 and 440 arrays to do that. Not sure how close I
> could get the 40 to the tribander with the 6-meter yagi about 12 feet
> above that.
>
> Oh! Lost the 160 sloper due to a shedding will tree yesterday during
> the storm. I have to go all the way to the top to fix that.
>
>
> >
> >denny - k8do
> Roger Halstead (K8RI & ARRL life member)
> (N833R, S# CD-2 Worlds oldest Debonair)
> www.rogerhalstead.com

3184. Re: RoomCap Antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 13:20:58 UTC
From: Felix <Felix.2i6zpj@news.radiobanter.com>
Message-ID: <Felix.2i6zpj@news.radiobanter.com>
Source record: 48760

Dan Andersson Wrote:
> Felix wrote:
>
>
> Roy Lewallen Wrote:[color=green]
> . . .
> If it performs as well as you claim it does, or if it is similar to
> the performance of an EH per size,(for example, hypothetically
> speaking, a 3 foot antenna performs as well as a 1/2 wave vertical
> 20
> . . .
> You must mean, "If it performs as well as the EH antenna claims to
> perform." If it can do that, it's miraculous indeed. It's no trick to
> make an antenna perform as well as an EH -- a 3 foot high (fat)
> vertical
> performs as well as a 3 foot high EH.
>
> Roy Lewallen, W7EL
>
> Dan / M0DFI

Comparison: RoomCap with EH-Antenna

The EH-antenna is offered as a compact, efficient short antenna.
The user reports about this antenna are very varying, from
enthusiastic
to unusable.
Therefore, I was interested since long time to perform a comparison
test
of the RoomCap with this antenna.

On Nov 30, 2006 we could do that.
Andy, HB9DWF is owner of this antenna, and he was willing to
perform
a field test.
We installed both antennas in a free camp and tested exhaustively
on 160m.

Comparing antenna: EH Venus from Arno (Italy, WIMO Germany)
Length = 2.5m, Diameter = 8cm /
12.5cm, Weight = 4.9 Kg
Test antenna : RoomCap 160m, radiator length = 3m,
Diameter = 7,5cm
with top capacity

Both antennas were installed with about 30m separation, at a height of 1.5m
above ground, and connected via decoupled coax cable and coax AB switch to
the 100 W transceiver.

First, the SWR was checked:
It was found, that the EH antenna is very narrow, in contrast to the statement
of WIMO who says:
"due to the design the entire band can be used."
The acceptable bandwith of the antenna was found to be just 20 KHz (!)
with resonance at 1.860 MHz.
In contrast, the RoomCap can be used in the full band from 1.800 to 2.000
with a VSWR 1:1, without using a tuner.
This problem complicated the testing somewhat, as we had to ask the
remote stations to change the QRG to 1.860 to allow operation of
the EH antenna on its best operating frequency.

The comparison tests began at 20.00hrs with a duration of one hour and 20 minutes.
Until then we had 11 test contacts, and Andy said, that further QSOs
do no longer change the result. The result was clear.

In each contact the antennas were changed many times, and the remote
operators were asked to measure the signal difference.
All stations reported that the EH antenna is significantly weaker, and
they reported signal differences beween 2 to 4 S points.
The averaged signal difference was 3 S points.
Some stations were unable to measure the signal difference, as the
signal of the EH antenna was not readable.

The following stations participated in the comparing test QSOs:
F9EZ, I2BBJ, HB9ZY, F/HB9DHO, HB9BBM, HB9AGN, HB9COP,
HB9JMD, DL9FCP, DL1EFR, DB3MA.

Conclusion:
The test showed, that it is possible to make contacts with the EH antenna,
however the signal strength in comparison to the RoomCap antenna is
about 3 S points weaker.
(18 db correspond to a power relation of 1:63).
This "good result" is obtained only, if the antenna is operated within
20 KHz of the resonant frequency. If the antenna is used outside this

frequency range, an additional signal loss of 1 S point and more is
to
be expected ...

Felix Meyer HB9ABX

--
Felix

3185. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 13:24:11 UTC
From: Richard Fry <rfry@adams.net>
Message-ID: <ekrupu$146d$1@news.ndhu.edu.tw>
Source record: 48758

"art" <aunwin@insightbb.com> wrote in message
> Some time ago I mentioned how inefficient Yagi design
> antennas were thinking more in the way of how little of
> the radiation used got to its required direction. etc

The above statement does not agree with the measured patterns and performance results of Yagi antennas.

A well-designed, 6-element Yagi has a peak gain of at least 10 dBi, which means that it radiates about 6.3 times more power in that direction than if the same input power was radiated by a reference 1/2-wave dipole, and measured in its direction of maximum gain.

RF

3186. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 13:36:05 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1165066565.137146.175130@n67g2000cwd.googlegroups.com>
Source record: 48759

For those who wish to actually learn and not just insult each other, get a calculator, learn how to calculate Cosine Theta <a trivial math problem that any 9th grader can be taught in 5 minutes flat>, get a BIG piece of paper <reason to come>, and actually calculate the shape and vector length of the lobes of a two element Yagi-Uda antenna... Do the calculation in both the horizonal and vertical planes... From that you can calculate the volume of each lobe, which is proportional to the percentage of power in each lobe... From that number you can very simply calculate what percentage went into the lobes you prefer and what went in the lobes you don't prefer...

Now, the reason for the BIG piece of paper... The antenna patterns you see on the screen with EZNEC, or in the antenna handbooks, are logarithmic, not linear <and there are flavors to them, ARRL, linear logarithmic, modified logarithmic>... So, the patterns are distorted... Why is that? Because if they were linear and the front lobe and the rear lobe are to the same scale the front lobe will take up the entire length of the screen/paper and the rear lobe will need a magnifying glass to be seen... A rear lobe that is 20dB down from the front lobe is down by the power ratio of 100... So, if your forward lobe calculates out to be 10 inches long, the rear lobe will be be 1/10 of an inch.... I'll let you figure out the size of a lobe that is 30dB down (get out your microscope)

For those who want to review do a search on Joseph Reisert, who has published numerous writings on antennas and patterns... There many are others also, but Joe is published on the web, and very readable...

cheers ... denny / k8do

3187. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 14:20:23 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <HYfch.104$oC.15@trnddc04>
Source record: 48761

"Denny" <k8do@mailblocks.com> wrote in message
news:1165066565.137146.175130@n67g2000cwd.googlegroups.com...
> For those who wish to actually learn and not just insult each other,
> get a calculator, learn how to calculate Cosine Theta <a trivial math
> problem that any 9th grader can be taught in 5 minutes flat>, get a BIG
> piece of paper <reason to come>, and actually calculate the shape and
> vector length of the lobes of a two element Yagi-Uda antenna... Do the
> calculation in both the horizonal and vertical planes... From that you
> can calculate the volume of each lobe, which is proportional to the
> percentage of power in each lobe... From that number you can very
> simply calculate what percentage went into the lobes you prefer and
> what went in the lobes you don't prefer...
>
> Now, the reason for the BIG piece of paper... The antenna patterns you
> see on the screen with EZNEC, or in the antenna handbooks, are
> logarithmic, not linear <and there are flavors to them, ARRL, linear
> logarithmic, modified logarithmic>... So, the patterns are
> distorted... Why is that? Because if they were linear and the front
> lobe and the rear lobe are to the same scale the front lobe will take
> up the entire length of the screen/paper and the rear lobe will need a
> magnifying glass to be seen... A rear lobe that is 20dB down from the
> front lobe is down by the power ratio of 100... So, if your forward
> lobe calculates out to be 10 inches long, the rear lobe will be be 1/10
> of an inch.... I'll let you figure out the size of a lobe that is 30dB
> down (get out your microscope)
>
> For those who want to review do a search on Joseph Reisert, who has
> published numerous writings on antennas and patterns... There many are
> others also, but Joe is published on the web, and very readable...
>
> cheers ... denny / k8do

Hi Denny

Does Joseph Reisert define Efficiency as applied to this question about
Yagi antennas?

Jerry

3188. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 14:23:46 UTC
From: Dave <noone@nowhere.com>
Message-ID: <W4mdnfrv_ZTvEezYnZ2dnUVZ_oednZ2d@crocker.com>
Source record: 48762

"art" <aunwin@insightbb.com> wrote in message
news:1165031740.803477.251520@l12g2000cwl.googlegroups.com...
> There you go Tom still giving comments but no substance. Pretty simple
> accept that a yagi
> is not the best thing since sliced bread starting with the use of
> detuned elements.
> If you do not understand what detuning elements do then you can have
> nothing reasonable to offer so don't blame me for that. If you have a

ok, so educate us, what do detuned elements do?

3189. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 14:48:08 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Imgch.473$qO4.82@newssvr13.news.prodigy.net>
Source record: 48763

art wrote:
> Its a simple statement detuned elements create inefficiency

Do detuned elements increase I^2*R losses?
Do detuned elements increase dielectric losses?
Do detuned elements increase ground losses?
--
73, Cecil http://www.w5dxp.com

3190. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 15:10:46 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <WHgch.476$qO4.340@newssvr13.news.prodigy.net>
Source record: 48764

Jerry Martes wrote:
> Can you try again to teach me how efficiency is defined??

What kind of efficiency? antenna? beam? aperture?
overall? conduction-dielectric?

Balanis defines overall antenna efficiency as the
product of:

1. reflection (mismatch) efficiency
2. conduction efficiency
3. dielectric efficiency

He gives the conduction-dielectric efficiency as:

Rr/(RL + Rr)

where Rr is the radiation resistance and
RL is the (conduction + dielectric) losses

He gives beam efficiency as:

(Beam cone power)/(Total radiated power)

He also says for a 1-dimensional aperture as a
function of taper: "The aperture efficiency is
a maximum with no taper, while the beam efficiency
is a maximum with full taper."
--
73, Cecil http://www.w5dxp.com

3191. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 15:18:13 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <f463n2ter73ufivt8fcqhg8bj0tkb5ver5@4ax.com>
Source record: 48765

ORIGINAL MESSAGE:

On 2 Dec 2006 05:36:05 -0800, "Denny" <k8do@mailblocks.com> wrote:

>For those who wish to actually learn and not just insult each other,
>get a calculator, learn how to calculate Cosine Theta <a trivial math
>problem that any 9th grader can be taught in 5 minutes flat>, get a BIG
>piece of paper <reason to come>, and actually calculate the shape and
>vector length of the lobes of a two element Yagi-Uda antenna... Do the
>calculation in both the horizonal and vertical planes... From that you
>can calculate the volume of each lobe, which is proportional to the
>percentage of power in each lobe... From that number you can very
>simply calculate what percentage went into the lobes you prefer and
>what went in the lobes you don't prefer...
<snip>

------------ REPLY FOLLOWS ------------

The problem here is not math, it's English. You are calculating gain
and/or directivity, not efficiency.

Bill, W6WRT

3192. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 15:26:25 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <BWgch.479$qO4.300@newssvr13.news.prodigy.net>
Source record: 48766

Cecil Moore wrote:
> He also says for a 1-dimensional aperture as a
> function of taper: "The aperture efficiency is
> a maximum with no taper, while the beam efficiency
> is a maximum with full taper."

Oops, Kraus said that, not Balanis.
--
73, Cecil http://www.w5dxp.com

3193. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 15:47:30 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <mehch.1156$lb1.846@trnddc05>
Source record: 48767

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:WHgch.476$qO4.340@newssvr13.news.prodigy.net...
> Jerry Martes wrote:
>> Can you try again to teach me how efficiency is defined??
>
> What kind of efficiency? antenna? beam? aperture?
> overall? conduction-dielectric?
>
> Balanis defines overall antenna efficiency as the
> product of:
>
> 1. reflection (mismatch) efficiency
> 2. conduction efficiency
> 3. dielectric efficiency
>
> He gives the conduction-dielectric efficiency as:
>
> Rr/(RL + Rr)
>
> where Rr is the radiation resistance and
> RL is the (conduction + dielectric) losses
>
> He gives beam efficiency as:
>
> (Beam cone power)/(Total radiated power)
>
> He also says for a 1-dimensional aperture as a
> function of taper: "The aperture efficiency is
> a maximum with no taper, while the beam efficiency
> is a maximum with full taper."
> --
> 73, Cecil http://www.w5dxp.com

Hi Cecil

How does Art define Efficiency for evaluating Yagi antennas?

Jerry

3194. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 16:06:31 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <bwhch.8674$yf7.1945@newssvr21.news.prodigy.net>
Source record: 48768

Bill Turner wrote:
>
> On 2 Dec 2006 05:36:05 -0800, "Denny" <k8do@mailblocks.com> wrote:
>> ... From that number you can very
>> simply calculate what percentage went into the lobes you prefer and
>> what went in the lobes you don't prefer...
>
> The problem here is not math, it's English. You are calculating gain
> and/or directivity, not efficiency.

Maybe beam efficiency? (cone beam power)/(total radiated power)
--
73, Cecil http://www.w5dxp.com

3195. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 16:08:23 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Xxhch.8675$yf7.3779@newssvr21.news.prodigy.net>
Source record: 48769

Jerry Martes wrote:
> How does Art define Efficiency for evaluating Yagi antennas?

I don't know - I just joined this thread in the middle.
--
73, Cecil http://www.w5dxp.com

3196. Guide Lines for this news group

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 16:19:07 UTC
From: Caveat Lector <CL@nowhere.com>
Message-ID: <YHhch.49776$4Z1.24675@newsfe09.phx>
Source record: 48770

Maybe this will help(a little) to get rid of the off topic posts

For what this News Group is about and applicable guide lines see URL:

http://www.faqs.org/faqs/radio/personal-intro/

Thanks for reading
73 CL

3197. Re: Just listen to CB if you want to know what ham radio will sound like.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 16:26:55 UTC
From: tools <tools@attwb.net>
Message-ID: <wPhch.52$Ky1.171165@news.sisna.com>
Source record: 48771
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

"Slow Code" <my.mail@no.spam> wrote in message
news:wR4ch.5485$sf5.4307@newsread4.news.pas.earthlink.net...
> "tools" <tools@attwb.net> wrote in news:cL_bh.30$mN.120951@news.sisna.com:
>
>>
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:T1s9h.2650$ql2.1375@newsread3.news.pas.earthlink.net...
>>>
>>>
>>> We need to keep the CW requirement and increase it. We shouldn't let
>>> ham radio get dumbed down again.
>>>
>>> SC Ham
>>> radio was dumb enough to let you in. Can't get any dumber.
>
>
> Ever hear a no-code on the repeater that you'd just like to take a cattle
> prod to?
>
> SC No

3198. 1938 GE antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 16:31:40 UTC
From: larev <larev@cableone.net>
Message-ID: <12n3aje1i39ue52@corp.supernews.com>
Source record: 48772

New to restoring chassis's on vacuum tube radios, and want to know from antenna experts what better solution is there than just a long wire. Most my radios are AM/SW, and would like something simple to attach to the antenna screw on the back, and have full range reception. I've heard the term 1/2 wave dipole with a balanced lead-in, but don't know what that would look like. Thanks

3199. Re: Just listen to CB if you want to know what ham radio will sound like.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 16:31:52 UTC
From: Mark@kb9rqz.aprs
Message-ID: <oia3n2leo2sm5k1nbfnb5ku99o8mmg5rc4@4ax.com>
Source record: 48773
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Sat, 2 Dec 2006 10:26:55 -0600, "tools" <tools@attwb.net> wrote:

>
>
trols I mean tools are you ever going to POST anything online?
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3200. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 16:48:33 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <eksang$et3$1@aioe.org>
Source record: 48774

Cecil Moore wrote:
> Jerry Martes wrote:
>> How does Art define Efficiency for evaluating Yagi antennas?
>
> I don't know - I just joined this thread in the middle.

Cecil:

I think caution is best used. Reminds me of the three blind men who went to see the elephant, one grabbed the trunk, one a leg, the other a tail... and you know how the story goes from there.

I think there is confusion between the radiated power, only allowing for resistance/dielectric losses; as opposed to why it is desirable to allow some loss introduced by other elements because the net gain of "focusing" the antenna is a benefit to you is the major crux of this whole discussion. But then, I am not even sure of that, completely!

I suppose the most "efficient" antenna, with only taking into consideration the power delivered to the antenna though the feed line and actually arriving at the feed point to the antenna as the "antennas input power" in relation to the actual "power radiated" (or delivered to the ether) is what Art is looking at. And, in this one regard, I would suppose a full wave dipole with large dia conductors (to allow for skin effect), silver coated conductors and glass insulators would be the most "efficient antenna" (and allowing for a "perfect match" setup being installed.)

But, where is that power going into the lobes may not make it the most desirable antenna!

In the yagi, because the reflector and director are so close to the de in terms of wavelength do introduce some trivial? (depends again on perspective) losses here.

And, here comes the fairies and the pinhead.

JS

3201. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 16:48:53 UTC
From: Dave <noone@nowhere.com>
Message-ID: <f62dnez-787oM-zYnZ2dnUVZ_qudnZ2d@crocker.com>
Source record: 48775

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:Xxhch.8675$yf7.3779@newssvr21.news.prodigy.net...
> Jerry Martes wrote:
>> How does Art define Efficiency for evaluating Yagi antennas?
>
> I don't know - I just joined this thread in the middle.

i think his efficiency is (watts at the rx i want to talk to)/(watts power company is sending down the line)

3202. Re: Just listen to CB if you want to know what ham radio will sound like.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 16:51:16 UTC
From: an old fiend <Mark@kb9rqz.apr>
Message-ID: <4571a23a$0$20629$88260bb3@free.teranews.com>
Source record: 48676
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

<Mark@kb9rqz.aprs> wrote in message
news:oia3n2leo2sm5k1nbfnb5ku99o8mmg5rc4@4ax.com...
> On Sat, 2 Dec 2006 10:26:55 -0600, "tools" <tools@attwb.net> wrote:
>
>>
>>
> trols I mean tools are you ever going to POST anything online?
http://kb9rqz.blogspot.com/
with the punce gotcha he wonders why I simple don't bother to ty impoving
my spelling do u hav anyting cognet two say?

p s dont even tink aoubt forgering my fake emale a dress

http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3203. i punce in agin

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 16:52:26 UTC
From: an old fiend <Mark@kb9rqz.apr>
Message-ID: <4571a280$0$20608$88260bb3@free.teranews.com>
Source record: 48677
Cross-posted to:
rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb,alt.usenet.kooks

ok I back four anoter tuff day on the news grupes it my job tis is waht I
do so bringit on you loosers

show-na-to-va (that is the greeting for this time of year as a JEW rendered
phonicticaly)
happy new years it means and it can be better one if Wismen Robson and SC a
few just decided to not to be as hateful

with the punce gotcha he wonders why I simple don't bother to ty impoving
my spelling do u hav anyting cognet two say?

p s dont even tink aoubt forgering my fake emale a dress

http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3204. stil a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 17:00:47 UTC
From: Mark@kb9rqz.aprs
Message-ID: <59c3n2tqfid72h60sf00cds38sb9uon73a@4ax.com>
Source record: 48679
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

On Sat, 2 Dec 2006 11:52:26 -0500, "an old fiend" <Mark@kb9rqz.apr>
wrote:

>
stil a crime
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3205. Re: Just listen to CB if you want to know what ham radio will sound like.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 17:01:11 UTC
From: Mark@kb9rqz.aprs
Message-ID: <5ac3n2l6qlathheg1icc3666a8shg9edq2@4ax.com>
Source record: 48678
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Sat, 2 Dec 2006 11:51:16 -0500, "an old fiend" <Mark@kb9rqz.apr>
wrote:

>
>
stil a a crime
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3206. Re: 1938 GE antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 17:26:46 UTC
From: Dave <noone@nowhere.com>
Message-ID: <xaGdnU_ZmtTLKuzYnZ2dnUVZ_r6dnZ2d@crocker.com>
Source record: 48680

for receiving, the common low dipole with whatever size legs you can make
works just fine. which is easiest to use depends on they type of antenna
connector on your radio, if it has 2 terminals then a dipole with twinlead
or coax plus a balun would probably be easiest. if it is only a single
terminal then just go with a single random wire. note that you can run the
random wire right from the back of the radio, but because it will pick up rf
noise from anything it goes near you might want to use coax to at least get
the antenna away from rf noise makers like tv's and computers first.

"Irv Finkleman" <finkirv@shaw.ca> wrote in message
news:4571B30C.A525CC80@shaw.ca...
>A dipole is directional and built for a single frequency although it will
> work over a narrow band of frequencies. It is not really suitable for
> shortwave listining. You would do better with a random wire as long and
> high as possible.
>
> Irv VE6BP
>
> larev wrote:
>>
>> New to restoring chassis's on vacuum tube radios, and want to know from
>> antenna experts what better solution is there than just a long wire. Most
>> my
>> radios are AM/SW, and would like something simple to attach to the
>> antenna
>> screw on the back, and have full range reception. I've heard the term
>> 1/2
>> wave dipole with a balanced lead-in, but don't know what that would look
>> like. Thanks
>
> --
> ------------------------------------
> Visit my HomePage at http://members.shaw.ca/finkirv/index.html
> Visit my Baby Sofia website at http://members.shaw.ca/finkirv4/index.htm
> Visit my OLDTIMERS website at http://members.shaw.ca/finkirv5/index.htm
> --------------------
> Irv Finkleman,
> Grampa/Ex-Navy/Old Fart/Ham Radio VE6BP
> Calgary, Alberta, Canada

3207. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 17:38:19 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <eksdkmnvk1@aioe.org>
Source record: 48681

John Smith wrote:
> Cecil Moore wrote:
>> Jerry Martes wrote:
>>> How does Art define Efficiency for evaluating Yagi antennas?
>>
>> I don't know - I just joined this thread in the middle.
>
> Cecil:
>
> I think caution is best used. Reminds me of the three blind men who
> went to see the elephant, one grabbed the trunk, one a leg, the other a
> tail... and you know how the story goes from there.
>
> I think there is confusion between the radiated power, only allowing for
> resistance/dielectric losses; as opposed to why it is desirable to allow
> some loss introduced by other elements because the net gain of
> "focusing" the antenna is a benefit to you is the major crux of this
> whole discussion. But then, I am not even sure of that, completely!
>
> I suppose the most "efficient" antenna, with only taking into
> consideration the power delivered to the antenna though the feed line
> and actually arriving at the feed point to the antenna as the "antennas
> input power" in relation to the actual "power radiated" (or delivered to
> the ether) is what Art is looking at. And, in this one regard, I would
> suppose a full wave dipole with large dia conductors (to allow for skin
> effect), silver coated conductors and glass insulators would be the most
> "efficient antenna" (and allowing for a "perfect match" setup being
> installed.)
>
> But, where is that power going into the lobes may not make it the most
> desirable antenna!
>
> In the yagi, because the reflector and director are so close to the de
> in terms of wavelength do introduce some trivial? (depends again on
> perspective) losses here.
>
> And, here comes the fairies and the pinhead.
>
> JS

Of course, I always think of the parabolic reflector antenna as the
"most efficient!"

I have never seen one constructed for 160m (strange huh?); but when you
get into ghz, why would you ever use anything else? (well, unless you

wanted to chat off to someone on the side or back.)

JS

3208. Re: i punce in agin

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 17:46:02 UTC
From: Boris Uberschlammdreck in Glorius Republik of Uzbekistan <revfoxweek9@yahoo.com>
Message-ID: <1165081562.507838.148970@n67g2000cwd.googlegroups.com>
Source record: 48682
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.cb

an old fiend wrote:
> ok I back four anoter tuff day on the news grupes it my job tis is waht I
> do so bringit on you loosers

Trust me...they love every f-n minute of it here as much as
they like listening to "Kooky Karol from Kanada" on 14.275

> show-na-to-va (that is the greeting for this time of year as a JEW rendered
> phonicticaly)
> happy new years it means and it can be better one if Wismen Robson and SC a
> few just decided to not to be as hateful

Is the Pope a German Cat-o-Lick ? (grin)

3209. Re: Guide Lines for this news group

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 17:48:44 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <pve3n21b5p2no0et7ucgrfihn9iccen58g@4ax.com>
Source record: 48683

ORIGINAL MESSAGE:

On Sat, 2 Dec 2006 08:19:07 -0800, "Caveat Lector" <CL@nowhere.com>
wrote:

>Maybe this will help(a little) to get rid of the off topic posts
>
>For what this News Group is about and applicable guide lines see URL:
>
>http://www.faqs.org/faqs/radio/personal-intro/
>
>Thanks for reading
>73 CL
>

------------ REPLY FOLLOWS ------------

Dream on, CL. These guys already know that and they don't care. It's
been that way forever. It's the Curse of Usenet.

Bill, W6WRT

3210. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 17:53:53 UTC
From: Mark@kb9rqz.aprs
Message-ID: <scf3n2ta8ug1jp1j9etr0ju0l5iknsfuv8@4ax.com>
Source record: 48684
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.cb

On 2 Dec 2006 09:46:02 -0800, "Boris Uberschlammdreck in Glorius
Republik of Uzbekistan" <revfoxweek9@yahoo.com> wrote:

>
responed to lame forger
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3211. Re: Guide Lines for this news group

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 18:40:24 UTC
From: Danny Richardson <n_group@k6mhe.com>
Message-ID: <tqh3n2h7gjtdevv66fvnmv0be7clnpf019@4ax.com>
Source record: 48685

On Sat, 02 Dec 2006 09:48:44 -0800, Bill Turner <noway@nowhow.com>
wrote:

>ORIGINAL MESSAGE:
>
>On Sat, 2 Dec 2006 08:19:07 -0800, "Caveat Lector" <CL@nowhere.com>
> wrote:
>
>>Maybe this will help(a little) to get rid of the off topic posts
>>
>>For what this News Group is about and applicable guide lines see URL:
>>
>>http://www.faqs.org/faqs/radio/personal-intro/
>>
>>Thanks for reading
>>73 CL
>>
>
>------------ REPLY FOLLOWS ------------
>
>Dream on, CL. These guys already know that and they don't care. It's
>been that way forever. It's the Curse of Usenet.
>
>Bill, W6WRT

After years of resisting I'm ready for a moderated antenna group. I've
used my kill filter more times in the last three months than I've ever
done in the previous ten years.

I, for one, am sick and tired of the foul-mouth off topic postings
and, if that requires a moderated group to get rid of them it would be
a very small price to pay.

Danny, K6MHE

3212. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 18:46:35 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <fSjch.106$Qa7.62@trnddc03>
Source record: 48686

"art" <aunwin@insightbb.com> wrote in message
news:1165079106.476070.48740@80g2000cwy.googlegroups.com...
> Hi Jerry sorry that I didn't respond to you earlier but here goes
> untuned elements which haveWhen you decide to get something going you
> need a means to get there.
> When you decide on the means you need to know if you are expending the
> minimum energy to get there
> In this particular case we have decided on generating a time varying
> field around some reradiatiung elements to obtain a radiating field of
> some sort Since we are applying energy
> to elements we want to know if the elements are doing a good job or are
> they losing out on energy translation by generating heat e.t.c instead
> of it all going where I want it to. So what we do is find out what
> energy we put in to obtain our objective and measure what we got out
> towards our objective to see how effective we were which is a measure
> of efficiency... Ideally we dont want to produce heat and all that
> other stuff but the anteena array that we have chosen to do this is a
> yagi array of elements which starts of with a resonant dipole which has
> a purely resistive impedance. But the yagi then goes on to upset things
> by adding which have a reactive impedance which detracts from the purly
> resistive value of the impedance which means losses when we should have
> added extra resonant elements to the set up as a means of adding to the
> structure to maintain zero losses BUT the yagi does go a long way
> towards our objectives so it has hung around for a long while. As a
> side issue
> we should also consider the environment that our array is working in
> and also the type of element material we are using as well as the means
> taken to input power but that gets more complicated so the question is
> really revolving around the energy input versus a magnetic near field
> generation that goes on to form a far field radiation field.
> SOOOOOOOooooo
> efficiency in this case compares the electrical power applied to the
> yagi to generate a magnetic and electric fieldaround the yagi and to
> check how much energy was lost on the way to our objective. Sorry for
> the delay but fortunately I did check back in before I moved on to
> other things
> Regards
> Art

Hi Art

As I read it, the efficiency (in percentage) we are using for this
discussion is Power Out divided by Power In, if the "objective" is to
radiate power. Or, correct me if I misread.

Jerry

3213. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 18:51:13 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165083641.970759.301830@80g2000cwy.googlegroups.com>
Source record: 48687

Very good points John, the subject first started out some time ago when
I stated that thge yagi array was really an in efficient way of
providing communication point to poit because it can be seen that the
radiation field points all over the place. The comments first came back
that little energy was exposed outside the main lobe which then people
stated it wasn't a measure of yagiefficiency bringing gain and a lot of
miscellaneous stuff until they got to the point that the yagi was
efficient and the real efficiency revolves around radiation itself.
Then sniping started and I took off for a while.
When I came back I modified the question
to what people thought the question should be because that was what
they had an answer for but again they got screwed up because the
subject still remaines the yagi with respect to radiation fields
knowing full well that radiation cancellation enters heavily when
determining final radiation fields which is why one should not bring in
gain to the picture. So cutting out the clutter of environment and
dielectrics used etc the question is phrased around the transfer
arrangement that the Yagi uses to translate a electrical power input
for the production of a time varying field which is the most simple
basic aproach since we are dealing only with the eIR equation in
obtaining the energy change over efficiency with respect to the Yagi
antenna alone.No nead to show off your perceived knowelenge about
antennas or to change the subject so that one doesn't have to show
their ignorance of factors outside of Ohms law which is all one needs
to know. But sadly in this newsgroup people get upset if one doesn't
know the answer to the question prefer to divert things to a question
that they do know the answer to and do this by questioning the
intelligence of the poster first before their own intelligence becomes
the question. From the very beginning I gave the hint where it can be
reasoned out without a lot of uninportant clutter but unfortunately all
ignored it as possible drivel. Is it any wonder that antenna talk and
aspiring amateurs shy away from this newsgroup and where it attracts a
different sort of clientele in line with present day activities? My
goodness a dipole is a basic element in any antenna array with respect
to effiency but an arrays efficiency is based on the additions to the
driven dipole of other elements used to produce the near field to
produce perceived benefits which is outside of this question. I realise
that all hams do not have to be electrical engineers but it does seem
the purpose of some is to complicate things beyond the comprehension of
those who we wish to have in the fraternity in an attempt to elevate
them selves in fraternity fashion. Oh well I can't change the world!
The yagi has held its own since the 1920 so it must be sacrelidge to
examine it furthur to expose more efficient means of producing near
fields. For myself I have written around a new form to be published by

the PTO and was intending to discuss its merits with this group first
but I now realise that information iand knoweledge is not what is sort
after, only targets to throw stones at.

John Smith wrote:
> Jerry Martes wrote:
> >>> ...
> >>> How do you define efficiency?
> >>>
> >>> Jerry
> >
> >
>
> Jerry:
>
> You make that sound like such a simple question.
>
> Antenna efficiency is a complicated and often misused figure.
>
> All antennas suffer from losses. A simple horn antenna for example will
> not be as efficient as a perfect aperture of the same size because of
> phase offset. The real efficiency of an antenna combines impedance match
> with other factors such as aperture and radiation efficiency to give the
> overall radiated signal for a given input. The best and mostwidely used
> expression of this efficiency is to combine overall efficiency with
> directivity (of the antenna) and express the efficiency times
> directivity as gain.
>
>
> The above is NOT mine, but taken from the web...
>
http://www.tmcdesign.com/antenna%20catalog%202001%20cd/Helpful%20Antenna%20Information.htm
>
> So, we need to know if we are discussing antenna efficiency, or
> radiation efficiency, or the skin effect as related to the ether
> efficiency, etc. <grin>
>
> Good that you are asking him!
>
> Regards,
> JS

3214. Re: Guide Lines for this news group

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 18:58:07 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <eksiaa$7uo$1@aioe.org>
Source record: 48688

Danny Richardson wrote:
> On Sat, 02 Dec 2006 09:48:44 -0800, Bill Turner <noway@nowhow.com>
> wrote:
> Danny, K6MHE
>
>

I doubt many would disagree with you. I think what you are actually desiring is "robo-moderation." In which posted text is sent to the moderator and there is examined automatically, by software app., and either passed or trashed. In such a method posts bearing foul language, CW terms, policy terms, etc. would automatically be trashed.

A moderator "hand moderating" posts is more than anyone should be required to do.

Here are some facts about moderation, robo-moderation is described with a link on the page:
http://www.swcp.com/~dmckeon/mod-faq.html

JS

3215. Re: KTN4GN inviting people to monitor FOUO, was: Re: K4YZ have told CAP you intend to violate FOUO frequncy info?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 19:02:10 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1165086130.017402.217720@16g2000cwy.googlegroups.com>
Source record: 48689
Cross-posted to: rec.radio.amateur.antenna,rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

```
Slow Code wrote:
> hot-ham-and-cheese@hotmail.com wrote in
> news:1164938185.794275.103550@j44g2000cwa.googlegroups.com:
>
> >
> > kb9rqz-1@hotmail.com wrote:
> >> K4YZ wrote:
> >> > hot-ham@hotmail.com wrote:
> >
> >> > > So what was it all about???
> >> > >
> >> > > Monitoring CAP FOUO communications.
> >> > >
> >> > > I recall K4YZ/KTN4GN inviting people to monitor him and he would
> >> > > send an SWL confirmation.
> >> > >
> >> > > Hi! So much for FOUO.
> >> >
> >> > Uh huh.
> >> >
> >> > And nowhere in my QRZ bio did I mention operating frequencies,
> >> > net
> >> > times, operational objectives, etc.
> >>
> >> so?
> >
> > WWW.QRZ.COM search "K4YZ"
> >
> >> > FOUO maintained...Brain made a fool of...Again...
> >>
> >> maybe maybe not
> >>
> >> have you told CAP you intend to confirm FOUO freqs and time
> >
> > This is where his innocense falls apart. Somehow he's going to confirm
> > an SWL card with "I can neither confirm nor deny..." Riiiiight.
> >
> > PopComm needs to beware publishing this idiot's letters.
>
> You really are a bitter ham.

At least I'm a ham. That can't be said of you.
```

> Lack of CW in the radio diet will do that to
> you.

Nope, being accused of molesting Boy Scouts did it for me.

Everything that K4YZ/KTN4GN says is suspect and needs to be
scrutinized.

For example, his Civil Air Patrol FOUO letter that was published in the
Nov 2006 issue of PopComm completely contradicts his QRZ.COM/K4YZ offer
to confirm his CAP communications.

That is what this thread is about... if you'd care to stay on topic.

> Just look at all the hate on eleven meters.

I wouldn't know, but there's no need to look there. The hate is
already on RRAP, and K4YZ fosters most of it. When this group becomes
moderated, I expect K4YZ to be banned. He'll have to hang out on the
Nurse or CAP yahoo groups of his own creation and moderation.

> Those people are even
> gunning each other down in shopping mall parking lots.
>
> SC

What a coincidence. K4YZ has offered to "meet" several hams at the
Dayton Hamfest, and there's a lot of hamfest parking at the shopping
mall.

3216. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 19:22:04 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <eksjnbctv1@aioe.org>
Source record: 48690

art wrote:

> providing communication point to poit because it can be seen that the
> radiation field points all over the place. The comments first came back

Art:

Antennas are simply, I mean let's face it, they are just a bunch of metal and insulators!

However, they are very complex, this can be demonstrated with math or Roy's excellent little visual aid, EZNEC.

I don't think you are a "smart ass" or "diabolically argumentative", you are simply lost in this--as we ALL are.

It is a learning curve, some here help speed us along this curve, some offer "other things." I know what you mean.

All antennas end up being a compromise of size, building ease, materials, weight, wind resistance (wind loading), what neighbors will tolerate in "artistic design", directional patterns, cost, etc., etc.

Really, there is no such thing as "the most efficient" antenna--least not when you have to design an antenna for the real world. I think most answers to your question(s) will seem vague to you, this is not because of deliberate intent on those answering, it just goes to point out the complexity of your most "simple questions" and the different interpretations which can spring forth from even the most simple question.

Patience is a skill which benefits one in all pursuits one engages in...

Warmest regards,
JS

3217. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 19:44:58 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <9eGdndFpV_cmSuzYnZ2dnUVZ_tOdnZ2d@comcast.com>
Source record: 48691

If a simple dipole is fed with 100 watts and radiates 95 watts, it is 95% efficient.

If a simple Yagi is fed with 100 watts and radiates 95 watts, it is 95% efficient.

If a full size 11 element Yagi is fed with 100 watts and radiates 95 watts, it
is 95% efficient.

What is your real question regarding efficiency?

/s/ DD

art wrote:

> Some time ago I mentioned how inefficient Yagi design
> antennas were thinking more in the way of how little of
> the radiation used got to its required direction.
> At that time people said the antenna was efficient though
> they wanted to talk about
> actual radiation efficiency and the sniping began
> .Nobody but nobody came back with the radiation
> efficiency of a Yagi as they saw the question, they
> just wanted to throw stones.Imagine that antennas
> was not what the experts wanted to talk about and
> the newsgroup took a turn for the worst
> So I join in with the thoughts of radiation efficiency
> of a yagi unless you prefere to give up this antenna
> newsgroup. But before you scream out and throw
> stones again I will referr to efficiency as most of the
> members of this group what's left of them think of the term.
> So let's look at that if that is what you preferr..
>
> The basic small yagi has three elements one driven,
> one a reflector and one a director yet only one
> element has a truly resistive impedance whereas
> the other two do not. Since two elements out of the
> three are producing reactive impedances and wherein
> the reactive portions of impedance is pure waste
> pray tell me how one can consider a yagi as efficient?
> And please, please don't waste time on "I don't understand"
> otherwise everything drops down to the subject of spark noise
> which was really decided by hams a long while ago.
> On the other side of the coin, if the reactive portion of an
> impedance is not waste then why is LCR
> type mesh circuitry only revolve around lumped circuitry?
> HINT add up the power emminating from each element
> P =I sq times real resistance for those who are just followers.

>
> There again maybe it is best that you be honest and say
> you don't understand! Better that than join those who have
> nothing to say about antennas!
>

3218. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 19:48:37 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <9eGdndBpV_clRezYnZ2dnUVZ_tOdnZ2d@comcast.com>
Source record: 48692

Cecil Moore wrote:

> Bill Turner wrote:
>
>>
>> On 2 Dec 2006 05:36:05 -0800, "Denny" <k8do@mailblocks.com> wrote:
>>
>>> ... From that number you can very
>>> simply calculate what percentage went into the lobes you prefer and
>>> what went in the lobes you don't prefer...
>>
>>
>> The problem here is not math, it's English. You are calculating gain
>> and/or directivity, not efficiency.
>
>
> Maybe beam efficiency? (cone beam power)/(total radiated power)

C'mon Cecil, you know exactly what efficiency is!

[Pin - Ploss}/Pin

All other "definitions" are red herrings and do not contribute to the answer.

3219. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 20:17:24 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <eksmuuoio1@aioe.org>
Source record: 48693

Dave wrote:
> If a simple dipole is fed with 100 watts and radiates 95 watts, it is
> 95% efficient.

How are you measuring the antennas "output" or "radiated power?"
--and--
How much of that 95 watts is spent in heating the dielectrics and metal
(or is that "missing" 5 watts the heating power? And, how did you
measure that?)

JS

3220. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 20:32:14 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <SKmdnT4RnLdQf-zYnZ2dnUVZ_vCdnZ2d@comcast.com>
Source record: 48694

RADIATED VERSUS LOSSES

John Smith wrote:

> Dave wrote:
>
>> If a simple dipole is fed with 100 watts and radiates 95 watts, it is
>> 95% efficient.
>
>
> How are you measuring the antennas "output" or "radiated power?"
> --and--
> How much of that 95 watts is spent in heating the dielectrics and metal
> (or is that "missing" 5 watts the heating power? And, how did you
> measure that?)
>
> JS

3221. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 20:37:33 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ekso4nsnm1@aioe.org>
Source record: 48695

Dave wrote:
> RADIATED VERSUS LOSSES

Hmmm. I am looking around for my "RADIATED VERSUS LOSSES" meter, can't seem to find it, must have lost it. Too bad, have to run down to radio shack and pick up another to double check you! Will get back to you then...

JS

3222. Re: Ever hear an operator on the bands that you'd just like to slap the shit out of?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 21:45:01 UTC
From: "Dr.Ace" <Ace@WH2T.com>
Message-ID: <edbd7$4571f3b8$4e156be$17092@DIALUPUSA.NET>
Source record: 48696
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.swap

"jakdedert" <jakdedert@bellsouth.net> wrote in message
news:ht3ch.21505$Q7.5199@bignews6.bellsouth.net...
> Slow Code wrote:
>> If the CW requirement is eliminated, there's going to be a lot more of
>> them on the bands. SC
>>
> Did you ever see a poster on a newsgroup that you'd just like to slap the
> sh*t out of?
>
> I've not seen him, but you have...in the mirror.
>
> jak
>

I second that motion .
Ace - WH2T

3223. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 21:51:37 UTC
From: nm5k@wt.net
Message-ID: <1165096297.520596.71430@79g2000cws.googlegroups.com>
Source record: 48697

art wrote:
> Some time ago I mentioned how inefficient Yagi design
> antennas were thinking more in the way of how little of
> the radiation used got to its required direction.
> At that time people said the antenna was efficient though
> they wanted to talk about
> actual radiation efficiency and the sniping began
> .Nobody but nobody came back with the radiation
> efficiency of a Yagi as they saw the question, they
> just wanted to throw stones.Imagine that antennas
> was not what the experts wanted to talk about and
> the newsgroup took a turn for the worst
> So I join in with the thoughts of radiation efficiency
> of a yagi unless you prefere to give up this antenna
> newsgroup. But before you scream out and throw
> stones again I will referr to efficiency as most of the
> members of this group what's left of them think of the term.
> So let's look at that if that is what you preferr..
>
> The basic small yagi has three elements one driven,
> one a reflector and one a director yet only one
> element has a truly resistive impedance whereas
> the other two do not. Since two elements out of the
> three are producing reactive impedances and wherein
> the reactive portions of impedance is pure waste
> pray tell me how one can consider a yagi as efficient?
> And please, please don't waste time on "I don't understand"
> otherwise everything drops down to the subject of spark noise
> which was really decided by hams a long while ago.
> On the other side of the coin, if the reactive portion of an
> impedance is not waste then why is LCR
> type mesh circuitry only revolve around lumped circuitry?
> HINT add up the power emminating from each element
> P =I sq times real resistance for those who are just followers.
>
> There again maybe it is best that you be honest and say
> you don't understand! Better that than join those who have
> nothing to say about antennas!

My cat has mittens.
MK

3224. Re: 1938 GE antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 21:54:56 UTC
From: nm5k@wt.net
Message-ID: <1165096496.331750.187210@j44g2000cwa.googlegroups.com>
Source record: 48698

larev wrote:
> New to restoring chassis's on vacuum tube radios, and want to know from
> antenna experts what better solution is there than just a long wire. Most my
> radios are AM/SW, and would like something simple to attach to the antenna
> screw on the back, and have full range reception. I've heard the term 1/2
> wave dipole with a balanced lead-in, but don't know what that would look
> like. Thanks

Pretty much any ole wire you attach to it will work. Like one said,
local
noise can be an issue in some places, and that might cause you to
vary the design a bit. If any of those old radios use the loops for MW,
I
would keep those intact. The loops are usually by far the best for the
MW
band. Only use the wires for SW.
MK

3225. Re: Ever hear an operator on the bands that you'd just like to slap the shit out of?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 22:10:47 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1165097447.758841.127430@79g2000cws.googlegroups.com>
Source record: 48699
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.swap

No. Most hams seems to have it under control.

How 'bout you?

3226. Re: Funny Videos

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 22:53:29 UTC
From: Rayburn <rayburnsweet@alltel.net>
Message-ID: <5287a$457203ea$471ec9bb$25112@ALLTEL.NET>
Source record: 48700

The video's suck.....Your all a buncha fucking lazy ass girly losers.

Get a hair cut and get a job...

I'll visit your momma later since your daddy is obviously a fag!
"Andrew Showers" <imsocoolness@gmail.com> wrote in message
news:eksgomgmm1@news.ntu-kpi.kiev.ua...
Hey I found some pretty funny videos on Revver.com The link is :
http://one.revver.com/find/user/AltimitHacker

My favorite video by far is this one
http://one.revver.com/find/user/AltimitHacker#_show_video_97897 I think you should watch that one first, because the others arent nearly as good.

3227. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 23:40:46 UTC
From: jawod <jawod@fuse.net>
Message-ID: <45720EFE.7090808@fuse.net>
Source record: 48701

art wrote:
> Hi Jerry perhaps I am wrong that there ARE people who want to talk
> antennas
> We went thru this some time ago and I was referring to efficiency of
> the yagi antenna
> with respect to the radiation field where much is reflected to areas of
> no concern.
> Others did not like this and said efficiency referred to is one of the
> radiation facets of a radiating array and the yagi is efficient and
> then the sniping statrted and the newsgroup went down hill as others
> joined to emulate and perpetuate abrasive non antenna related
> subjects. I just popped back to see if the group wanted to change back
> to antenna talk
> and posted the term efficiency of the yagi in terms of radiation which
> everybody was
> auguing about. Well things haven't changed they still just want to
> throw stones and more will join in as the thread goes on., Ill stick it
> out for an hour or so and then move on again.
> Cant wait for somebody to compare with free space stuff to add to the
> confusion, I know it will come
>
>
>
>
> Jerry Martes wrote:
>
>>"art" <aunwin@insightbb.com> wrote in message
>>news:1165026591.431588.248540@80g2000cwy.googlegroups.com...
>>
>>>Some time ago I mentioned how inefficient Yagi design
>>>antennas were thinking more in the way of how little of
>>>the radiation used got to its required direction.
>>>At that time people said the antenna was efficient though
>>>they wanted to talk about
>>>actual radiation efficiency and the sniping began
>>>.Nobody but nobody came back with the radiation
>>>efficiency of a Yagi as they saw the question, they
>>>just wanted to throw stones.Imagine that antennas
>>>was not what the experts wanted to talk about and
>>>the newsgroup took a turn for the worst
>>>So I join in with the thoughts of radiation efficiency
>>>of a yagi unless you prefere to give up this antenna
>>>newsgroup. But before you scream out and throw
>>>stones again I will referr to efficiency as most of the

>>>members of this group what's left of them think of the term.
>>>So let's look at that if that is what you preferr..
>>>
>>>The basic small yagi has three elements one driven,
>>>one a reflector and one a director yet only one
>>>element has a truly resistive impedance whereas
>>>the other two do not. Since two elements out of the
>>>three are producing reactive impedances and wherein
>>>the reactive portions of impedance is pure waste
>>>pray tell me how one can consider a yagi as efficient?
>>>And please, please don't waste time on "I don't understand"
>>>otherwise everything drops down to the subject of spark noise
>>>which was really decided by hams a long while ago.
>>>On the other side of the coin, if the reactive portion of an
>>>impedance is not waste then why is LCR
>>>type mesh circuitry only revolve around lumped circuitry?
>>>HINT add up the power emminating from each element
>>>P =I sq times real resistance for those who are just followers.
>>>
>>>There again maybe it is best that you be honest and say
>>>you don't understand! Better that than join those who have
>>>nothing to say about antennas!
>>
>>
>> Hi Art
>>
>> OK, I dont understand. Perhaps I could begin to understand if I was
>>given the definition of efficiency we are using in this discussion. How do
>>you define efficiency?
>>
>> Jerry
>
>
It troubles me that so many wish to "hold court" on this NG. Establish
obscure, bizarre or downright wrong rules of discovery to pump up their
own egos. So much opportunity to share advice in a collegial fashion,
realizing the breadth (or shallowness) of understanding that exists
amongst "us".

Is Elmer really dead?

John
AB8O

3228. Re: Ever hear an operator on the bands that you'd just like to slap the shit out of?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-02 23:57:14 UTC
From: Mark@kb9rqz.aprs
Message-ID: <jl44n256bhdgamhtmhmm1e0n4b9ok5m5oc@4ax.com>
Source record: 48702
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.swap

On Sat, 2 Dec 2006 16:45:01 -0500, "Dr.Ace" <Ace@WH2T.com> wrote:

>
>"jakdedert" <jakdedert@bellsouth.net> wrote in message
>news:ht3ch.21505$Q7.5199@bignews6.bellsouth.net...
>> Slow Code wrote:
>>> If the CW requirement is eliminated, there's going to be a lot more of
>>> them on the bands. SC
>>>
>> Did you ever see a poster on a newsgroup that you'd just like to slap the
>> sh*t out of?
>>
>> I've not seen him, but you have...in the mirror.
>>
>> jak
>>
>
>I second that motion .
> Ace - WH2T
>
Ii has been moved and seconded in accord with robesrts Rules of Order
I call the question
and vote Aye
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3229. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 00:04:43 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <vwoch.4087$Py2.1543@newssvr27.news.prodigy.net>
Source record: 48703

art wrote:
> But the yagi then goes on to upset things
> by adding which have a reactive impedance which detracts from the purly
> resistive value of the impedance which means losses ...

Actually Art, adding reactance reduces the current in
the element thus *decreasing* losses below what a resonant
passive element would have. Pure reactance is lossless.

Seems to me that the reactance in the passive elements
provides a phase shift that causes destructive interference
in the desired places and constructive interference in
the desired places.

I came in late and thus apologize if anyone else has stated
this earlier.
--
73, Cecil http://www.w5dxp.com

3230. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 00:09:52 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <kBoch.4095$Py2.2525@newssvr27.news.prodigy.net>
Source record: 48704

Dave wrote:
> All other "definitions" are red herrings and do not contribute to the
> answer.

Not if the question is: What is beam efficiency? :-)
--
73, Cecil http://www.w5dxp.com

3231. Re: Classic Computer for a Ham Shack

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 00:35:01 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <VYoch.6166$tM1.86@newsread1.news.pas.earthlink.net>
Source record: 48705
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy

"Alex" <samalex@gmail.com> wrote in
news:1164727510.256694.183240@h54g2000cwb.googlegroups.com:

> Hey Guys,
>
> I'm a new ham radio operator, but I've been working with computers for
> most of my life. I'm now in the process of setting-up my first 'ham
> shack', and instead of going with the latest and greatest, I hope to
> employee several classic computers to help me along. I have quite a
> collection in my closet I plan on pulling out, but I'd like opinions of
> others on what they would use in such a situation.
>
> First, I do want to connect my radio to the computer, and many of the
> technologies used by ham radio operators, like slow scan TV, packet
> radio, etc, can be used on most of the classic computers in some form
> or fashion. This I don't think I'll have a problem, no matter which
> systemI go with.
>
> One of the main things I do want to do is have the computer on my home
> network. I don't need a web browser or even a GUI interface... the
> main thing I would really need is Telnet and FTP. I also want
> something with a word processor and spreadsheet program -- even
> Visicalc would be nice to use.
>
> And finally I want something fun.. which is the entire point of this
> venture :) I know some older computers still have huge repositories of
> software online, and whether it's a game or neat utility, I'd love to
> setup a classic computer I can really use and have fun with while in my
> 'ham shack'.
>
> Here's a list of computers I have around me now:
> Tandy Color Computer 2
> Tandy Color Computer 3 (128K model)
> Commodore Amiga 500
> Apple II (original, not PLUS)
> Mac Classic
>
> And though I don't currently own one, I'm looking at getting a
> Commodore 128 as well, either from a friend of possibly from ebay.
>
> Anyway, just curious what others would choose if you had to pick a
> computer or even a couple of older computers to use again. Also if
> there's any ham operators out there with experience with older systems,

> I'd love some feedback!
>
> Take care, and thanks in advance for any ideas.
>
> Alex

Hi Alex, You sound like a brand new no-code Tech. Welcome to ham radio.

All those computers you mentioned will work fine, but if you really want to do any serious computer work you're going to want to invest in a Vic 20, or a TI-99, or a Commodore 64. Power users swear by'em.

SC

3232. Re: CW IS ham radio. bullshit

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 00:35:03 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <XYoch.6167$tM1.5872@newsread1.news.pas.earthlink.net>
Source record: 48706
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

"M Peraaho" <mperaaho@northlc.com> wrote in
news:ooGdnXRWMMHZJuzYnZ2dnUVZ_oednZ2d@trueband.net:

> The Indians use to communicate with smoke signals. Learning smoke
> signals should be mandatory. This would separate the men from the boys.
> Smoke signals are not dependent on electricity. You can use a match or
> rub two sticks together. This is the only reliable way of passing
> messages when all else fails.

Dear MP,

Please pull your friggen head out of your ass and use your brain for once.

Smoke signals are a line of sight form of communication and you can't see
them at night unless the fire is extremely large, and smoke signals don't
work well in natural disasters like huricanes and tornados. Blind people
can't see them either, they can only smell the smoke.

CW works well all the time, unless you're too lazy or dumb to learn it.
In which case you'll probably want to stick to playing with your matches
and smoke bombs.

SC

3233. Re: Ever hear an operator on the bands that you'd just like to slap the shit out of?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 00:35:06 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <_Yoch.6170$tM1.1930@newsread1.news.pas.earthlink.net>
Source record: 48707
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.swap

jakdedert <jakdedert@bellsouth.net> wrote in
news:ht3ch.21505$Q7.5199@bignews6.bellsouth.net:

> Did you ever see a poster on a newsgroup that you'd just like to slap
> the sh*t out of?

Yes unfortunately and an awful lot of them too.

They all hate the CW requirement and want ham radio to get dumbed down
more, but if I had to single just one of them out for a good slapping, I'd
probably say it's Markie that needs it the most.

Now if Markie learned cw to 13 or 20 wpm, I'd congratulate him
and say, "Welcome to Ham radio Markie."

SC

3234. Re: Guide Lines for this news group

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 00:35:09 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <1Zoch.6172$tM1.5232@newsread1.news.pas.earthlink.net>
Source record: 48708
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy

Danny Richardson <n_group@k6mhe.com> wrote in
news:tqh3n2h7gjtdevv66fvnmv0be7clnpf019@4ax.com:

> On Sat, 02 Dec 2006 09:48:44 -0800, Bill Turner <noway@nowhow.com>
> wrote:
>
>>ORIGINAL MESSAGE:
>>
>>On Sat, 2 Dec 2006 08:19:07 -0800, "Caveat Lector" <CL@nowhere.com>
>> wrote:
>>
>>>Maybe this will help(a little) to get rid of the off topic posts
>>>
>>>For what this News Group is about and applicable guide lines see URL:
>>>
>>>http://www.faqs.org/faqs/radio/personal-intro/
>>>
>>>Thanks for reading
>>>73 CL
>>>
>>
>>------------ REPLY FOLLOWS ------------
>>
>>Dream on, CL. These guys already know that and they don't care. It's
>>been that way forever. It's the Curse of Usenet.
>>
>>Bill, W6WRT
>
> After years of resisting I'm ready for a moderated antenna group. I've
> used my kill filter more times in the last three months than I've ever
> done in the previous ten years.
>
> I, for one, am sick and tired of the foul-mouth off topic postings
> and, if that requires a moderated group to get rid of them it would be
> a very small price to pay.
>
> Danny,

I know what you mean Dan. With the anticipation that ham radio is going
to get dumbed down again real soon, the dumb-it-downers like Lenny,
Markie, Opus and a few others are really trashing the groups with anti
code test hate. We can only hope the code requirement is retained and
increased so that they can't get on HF and mess that up too.

SC

3235. Re: It's a war people, and the lazy asses are trying to take over.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 00:35:10 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <2Zoch.6173$tM1.2050@newsread1.news.pas.earthlink.net>
Source record: 48709
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"Sal M. Onella" <salmonella@food.poisoning.org> wrote in
news:7_7ch.27426$JA.19845@newsfe11.phx:

>
> "John Smith" <assemblywizard@gmail.com> wrote in message
> news:ekod7b$1vru$1@news.ndhu.edu.tw...
>> Slow Code wrote:
>> >
>> > We dare not let Lenny and the rest of the dumb-it-down crowd win.
>> >
>> > SC
>>
>> Sometimes I am convinced that you are an excellent "satire comedian."
>> Other times, you have me convinced you are for real.
>
> I jousted with him for a while. It was like trying to stab fog.

That was right before you scurried away with your tail between your legs.
If it felt like you were stabbing fog, then you were too far gone to
understand the argument. Now go diddle with your ATV.

SC

3236. Re: KTN4GN inviting people to monitor FOUO, was: Re: K4YZ have told CAP you intend to violate FOUO frequncy info?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 00:35:15 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <7Zoch.6176$tM1.3992@newsread1.news.pas.earthlink.net>
Source record: 48710
Cross-posted to: rec.radio.amateur.antenna,rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

hot-ham-and-cheese@hotmail.com wrote in
news:1165086130.017402.217720@16g2000cwy.googlegroups.com:

>
> Slow Code wrote:
>> hot-ham-and-cheese@hotmail.com wrote in
>> news:1164938185.794275.103550@j44g2000cwa.googlegroups.com:
>>
>> >
>> > kb9rqz-1@hotmail.com wrote:
>> >> K4YZ wrote:
>> >> > hot-ham@hotmail.com wrote:
>> >
>> >> > > So what was it all about???
>> >> > >
>> >> > > Monitoring CAP FOUO communications.
>> >> > >
>> >> > > I recall K4YZ/KTN4GN inviting people to monitor him and he would
>> >> > > send an SWL confirmation.
>> >> > >
>> >> > > Hi! So much for FOUO.
>> >> >
>> >> > Uh huh.
>> >> >
>> >> > And nowhere in my QRZ bio did I mention operating
>> >> > frequencies, net
>> >> > times, operational objectives, etc.
>> >>
>> >> so?
>> >
>> > WWW.QRZ.COM search "K4YZ"
>> >
>> >> > FOUO maintained...Brain made a fool of...Again...
>> >>
>> >> maybe maybe not
>> >>
>> >> have you told CAP you intend to confirm FOUO freqs and time
>> >
>> > This is where his innocense falls apart. Somehow he's going to
>> > confirm an SWL card with "I can neither confirm nor deny..."
>> > Riiiiight.
>> >

>> > PopComm needs to beware publishing this idiot's letters.
>>
>> You really are a bitter ham.
>
> At least I'm a ham. That can't be said of you.
>
>> Lack of CW in the radio diet will do that to
>> you.
>
> Nope, being accused of molesting Boy Scouts did it for me.
>
> Everything that K4YZ/KTN4GN says is suspect and needs to be
> scrutinized.
>
> For example, his Civil Air Patrol FOUO letter that was published in the
> Nov 2006 issue of PopComm completely contradicts his QRZ.COM/K4YZ offer
> to confirm his CAP communications.
>
> That is what this thread is about... if you'd care to stay on topic.
>
>
>> Just look at all the hate on eleven meters.
>
> I wouldn't know, but there's no need to look there. The hate is
> already on RRAP, and K4YZ fosters most of it. When this group becomes
> moderated, I expect K4YZ to be banned. He'll have to hang out on the
> Nurse or CAP yahoo groups of his own creation and moderation.
>
>> Those people are even
>> gunning each other down in shopping mall parking lots.
>>
>> SC
>
> What a coincidence. K4YZ has offered to "meet" several hams at the
> Dayton Hamfest, and there's a lot of hamfest parking at the shopping
> mall.

The only hate I see, is the hate most everyone here has for the CW test.
But that's about it. How'd ya like the boy scouts?

SC

3237. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 00:35:57 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165106157.577563.301620@l12g2000cwl.googlegroups.com>
Source record: 48711

My thoughts exactly information is not really sort only an excuse to
snipe
Movement in any science is by increments of knoweledge though I do
believe absolute miricles do occur Seems like people only want
questions that they have answers for not items that create original
thought. Seems also that many believe that radiating methods have been
exhausted but every year the patent ofrfice issue different designs. I
have found during my life when I have been given a patent that people
will say thats obvious or I knew that or that should be shared with me
evry one being after the fact. Such people are not interested in
anything new unles they read about it in a book or they will state that
they do not understand. I started out with the intent of explaining a
new technology with respect to radiation but I cannot continue as we
have sniping starting with the question. A few months ago I started
with a question and nobody liked it so after some time I decided to
word the question as they said it should have been stated......Well
they have now donned different hats and are aiming for the original
question again.. You just can't win if you are in a information sharing
mode with people who are confinced they know it all and that is why
they are sniping. Now since my education value is considered in doubt I
will back off so that those who perceive themselves as experts will
carry on the load for others who may be interested in knoweledge but
only if they know everything such that they can critisize.
Has anybody pointed to a flaw in the Yagi design and the cause of it
and what idealy could be done to improve things? Ofcourse not, their
forte is to throw stones pure and simple.
I can understand it from Roy since he has a personal financial interest
in conversations revolving around Yagi antennas. But some of the others
have been known to produce absolutely nothing to the subject. Even
Cecil who I suggest with his extra deep physics
education gets mocked sometimes from people with I suspect just a high
school graduation that is the school stood on a hill. Check out the
responses so far to get an understanding
of the people that you are dealing with starting with Turner who with
his vast background of educatiate has taken on the task of judging mine
as demeaning as one of the lowest of the low. What has he achieved in
life or with antenna design to allow him to assume the mantle of
nobility which he does not share so that others may learn? Are there no
positive thoughts out there about antennas or to phrase an answer to
what they believe is the question. ?
At the moment I have only heard about negatives that prevent posting
from showing their expertise that they believe they have and where at
the present time we can only trust.
Has anybody supplied a efficiency number of anything to do with this

question or what they perceived was the querstion explaining in detail
how they arrived at a particular position rather than just guessing,any
one, anybody nothing positive anything positive?
jawod wrote:
> art wrote:
> > Hi Jerry perhaps I am wrong that there ARE people who want to talk
> > antennas
> > We went thru this some time ago and I was referring to efficiency of
> > the yagi antenna
> > with respect to the radiation field where much is reflected to areas of
> > no concern.
> > Others did not like this and said efficiency referred to is one of the
> > radiation facets of a radiating array and the yagi is efficient and
> > then the sniping statrted and the newsgroup went down hill as others
> > joined to emulate and perpetuate abrasive non antenna related
> > subjects. I just popped back to see if the group wanted to change back
> > to antenna talk
> > and posted the term efficiency of the yagi in terms of radiation which
> > everybody was
> > auguing about. Well things haven't changed they still just want to
> > throw stones and more will join in as the thread goes on., Ill stick it
> > out for an hour or so and then move on again.
> > Cant wait for somebody to compare with free space stuff to add to the
> > confusion, I know it will come
> >
> >
> >
> >
> > Jerry Martes wrote:
> >
> >>"art" <aunwin@insightbb.com> wrote in message
> >>news:1165026591.431588.248540@80g2000cwy.googlegroups.com...
> >>
> >>>Some time ago I mentioned how inefficient Yagi design
> >>>antennas were thinking more in the way of how little of
> >>>the radiation used got to its required direction.
> >>>At that time people said the antenna was efficient though
> >>>they wanted to talk about
> >>>actual radiation efficiency and the sniping began
> >>>.Nobody but nobody came back with the radiation
> >>>efficiency of a Yagi as they saw the question, they
> >>>just wanted to throw stones.Imagine that antennas
> >>>was not what the experts wanted to talk about and
> >>>the newsgroup took a turn for the worst
> >>>So I join in with the thoughts of radiation efficiency
> >>>of a yagi unless you prefere to give up this antenna
> >>>newsgroup. But before you scream out and throw
> >>>stones again I will referr to efficiency as most of the
> >>>members of this group what's left of them think of the term.
> >>>So let's look at that if that is what you preferr..

> >>>
> >>>The basic small yagi has three elements one driven,
> >>>one a reflector and one a director yet only one
> >>>element has a truly resistive impedance whereas
> >>>the other two do not. Since two elements out of the
> >>>three are producing reactive impedances and wherein
> >>>the reactive portions of impedance is pure waste
> >>>pray tell me how one can consider a yagi as efficient?
> >>>And please, please don't waste time on "I don't understand"
> >>>otherwise everything drops down to the subject of spark noise
> >>>which was really decided by hams a long while ago.
> >>>On the other side of the coin, if the reactive portion of an
> >>>impedance is not waste then why is LCR
> >>>type mesh circuitry only revolve around lumped circuitry?
> >>>HINT add up the power emminating from each element
> >>>P =I sq times real resistance for those who are just followers.
> >>>
> >>>There again maybe it is best that you be honest and say
> >>>you don't understand! Better that than join those who have
> >>>nothing to say about antennas!
> >>
> >>
> >> Hi Art
> >>
> >> OK, I dont understand. Perhaps I could begin to understand if I was
> >>given the definition of efficiency we are using in this discussion. How do
> >>you define efficiency?
> >>
> >> Jerry
> >
> >
> It troubles me that so many wish to "hold court" on this NG. Establish
> obscure, bizarre or downright wrong rules of discovery to pump up their
> own egos. So much opportunity to share advice in a collegial fashion,
> realizing the breadth (or shallowness) of understanding that exists
> amongst "us".
>
> Is Elmer really dead?
>
> John
> AB8O

3238. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 00:37:28 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ekt66n$5oq$1@aioe.org>
Source record: 48712

Cecil Moore wrote:

> Actually Art, adding reactance reduces the current in
> the element thus *decreasing* losses below what a resonant
> passive element would have. Pure reactance is lossless.

Cecil:

On the surface, this is all very correct, however, you cannot induce reactance without inducing some value (albeit it may, or may not, be trivial) of pure resistance (ohmic dc), barring the use of superconducting material, of course.

I think Art does see that that either magnetically or capacitively (and both most likely) the resistance and all other aspects of the director and reflector are being introduced into the driven element's circuit. This I see stated in his original post and ...

However, how big is that fly speck(s) under your microscope is yet another question and those answers ...

Warmest regards,
JS

3239. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 00:54:37 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165107277.809530.30890@j44g2000cwa.googlegroups.com>
Source record: 48713

Dave wrote:
> If a simple dipole is fed with 100 watts and radiates 95 watts, it is 95% efficient.

David if you had a dipole that had inherrent directional capabilities
would you consider
that as a possible choice for better efficiency ? Where does the 95%
number come from and where did the 5% go so. Did turners post influence
your guess at that number? is he worth copying? Others can get an idea
what you are talking about ie. parameters of use for which you are
applying the 95% figure to. It is possible that we can at least one
negative from the discusion in search of the kernel of info. Does the
dipole become more or less efficient as it moves away from its design
frequency as it becomes "detuned" Give me some meat

>
snip/s/ DD
>
> art wrote:
>
> > Some time ago I mentioned how inefficient Yagi design
> > antennas were thinking more in the way of how little of
> > the radiation used got to its required direction.
> > At that time people said the antenna was efficient though
> > they wanted to talk about
> > actual radiation efficiency and the sniping began
> > .Nobody but nobody came back with the radiation
> > efficiency of a Yagi as they saw the question, they
> > just wanted to throw stones.Imagine that antennas
> > was not what the experts wanted to talk about and
> > the newsgroup took a turn for the worst
> > So I join in with the thoughts of radiation efficiency
> > of a yagi unless you prefere to give up this antenna
> > newsgroup. But before you scream out and throw
> > stones again I will referr to efficiency as most of the
> > members of this group what's left of them think of the term.
> > So let's look at that if that is what you preferr..
> >
> > The basic small yagi has three elements one driven,
> > one a reflector and one a director yet only one
> > element has a truly resistive impedance whereas
> > the other two do not. Since two elements out of the
> > three are producing reactive impedances and wherein
> > the reactive portions of impedance is pure waste
> > pray tell me how one can consider a yagi as efficient?
> > And please, please don't waste time on "I don't understand"

> > otherwise everything drops down to the subject of spark noise
> > which was really decided by hams a long while ago.
> > On the other side of the coin, if the reactive portion of an
> > impedance is not waste then why is LCR
> > type mesh circuitry only revolve around lumped circuitry?
> > HINT add up the power emminating from each element
> > P =I sq times real resistance for those who are just followers.
> >
> > There again maybe it is best that you be honest and say
> > you don't understand! Better that than join those who have
> > nothing to say about antennas!
> >

3240. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 00:54:42 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165107282.638088.261170@f1g2000cwa.googlegroups.com>
Source record: 48714

Dave wrote:
> If a simple dipole is fed with 100 watts and radiates 95 watts, it is 95% efficient.

David if you had a dipole that had inherrent directional capabilities
would you consider
that as a possible choice for better efficiency ? Where does the 95%
number come from and where did the 5% go so. Did turners post influence
your guess at that number? is he worth copying? Others can get an idea
what you are talking about ie. parameters of use for which you are
applying the 95% figure to. It is possible that we can at least one
negative from the discusion in search of the kernel of info. Does the
dipole become more or less efficient as it moves away from its design
frequency as it becomes "detuned" Give me some meat

>
snip/s/ DD
>
> art wrote:
>
> > Some time ago I mentioned how inefficient Yagi design
> > antennas were thinking more in the way of how little of
> > the radiation used got to its required direction.
> > At that time people said the antenna was efficient though
> > they wanted to talk about
> > actual radiation efficiency and the sniping began
> > .Nobody but nobody came back with the radiation
> > efficiency of a Yagi as they saw the question, they
> > just wanted to throw stones.Imagine that antennas
> > was not what the experts wanted to talk about and
> > the newsgroup took a turn for the worst
> > So I join in with the thoughts of radiation efficiency
> > of a yagi unless you prefere to give up this antenna
> > newsgroup. But before you scream out and throw
> > stones again I will referr to efficiency as most of the
> > members of this group what's left of them think of the term.
> > So let's look at that if that is what you preferr..
> >
> > The basic small yagi has three elements one driven,
> > one a reflector and one a director yet only one
> > element has a truly resistive impedance whereas
> > the other two do not. Since two elements out of the
> > three are producing reactive impedances and wherein
> > the reactive portions of impedance is pure waste
> > pray tell me how one can consider a yagi as efficient?
> > And please, please don't waste time on "I don't understand"

> > otherwise everything drops down to the subject of spark noise
> > which was really decided by hams a long while ago.
> > On the other side of the coin, if the reactive portion of an
> > impedance is not waste then why is LCR
> > type mesh circuitry only revolve around lumped circuitry?
> > HINT add up the power emminating from each element
> > P =I sq times real resistance for those who are just followers.
> >
> > There again maybe it is best that you be honest and say
> > you don't understand! Better that than join those who have
> > nothing to say about antennas!
> >

3241. : kookathon on clockwork

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 01:04:55 UTC
From: Mark@kb9rqz.aprs
Message-ID: <8l84n2lljoslik79eoe22bvbltah6rutdk@4ax.com>
Source record: 48715
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.swap

On Sun, 03 Dec 2006 00:35:06 GMT, Slow Code <my.mail@no.spam> wrote:

>jakdedert <jakdedert@bellsouth.net> wrote in
>news:ht3ch.21505$Q7.5199@bignews6.bellsouth.net:
>
>> Did you ever see a poster on a newsgroup that you'd just like to slap
>> the sh*t out of?
>
>
>Yes unfortunately and an awful lot of them too.
>
>They all hate the CW requirement and want ham radio to get dumbed down
>more, but if I had to single just one of them out for a good slapping, I'd
>probably say it's Markie that needs it the most.
>
>Now if Markie learned cw to 13 or 20 wpm, I'd congratulate him
>and say, "Welcome to Ham radio Markie."

: kookathon on clockwork
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3242. : kookathon on clockwork

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 01:05:31 UTC
From: Mark@kb9rqz.aprs
Message-ID: <ul84n2lah16bvqv2r1gbefk1pjiu2t4hv6@4ax.com>
Source record: 48716
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Sun, 03 Dec 2006 00:35:10 GMT, Slow Code <my.mail@no.spam> wrote:

>"Sal M. Onella" <salmonella@food.poisoning.org> wrote in
>news:7_7ch.27426$JA.19845@newsfe11.phx:
>
>>
>> "John Smith" <assemblywizard@gmail.com> wrote in message
>> news:ekod7b$1vru$1@news.ndhu.edu.tw...
>>> Slow Code wrote:
>>> >
>>> > We dare not let Lenny and the rest of the dumb-it-down crowd win.
>>> >
>>> > SC
>>>
>>> Sometimes I am convinced that you are an excellent "satire comedian."
>>> Other times, you have me convinced you are for real.
>>
>> I jousted with him for a while. It was like trying to stab fog.
>
>
>That was right before you scurried away with your tail between your legs.
>If it felt like you were stabbing fog, then you were too far gone to
>understand the argument. Now go diddle with your ATV.
right on time asshole
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3243. Re: KTN4GN inviting people to monitor FOUO, was: Re: K4YZ have told CAP you intend to violate FOUO frequncy info?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 01:06:27 UTC
From: Mark@kb9rqz.aprs
Message-ID: <1n84n25l1sejop3b95mms0krtg93ara4gl@4ax.com>
Source record: 48717
Cross-posted to: rec.radio.amateur.antenna,rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On Sun, 03 Dec 2006 00:35:15 GMT, Slow Code <my.mail@no.spam> wrote:

>hot-ham-and-cheese@hotmail.com wrote in
>news:1165086130.017402.217720@16g2000cwy.googlegroups.com:
>
>>
>> Slow Code wrote:
>>> hot-ham-and-cheese@hotmail.com wrote in
>>> news:1164938185.794275.103550@j44g2000cwa.googlegroups.com:
>>>
>>> >
>>> > kb9rqz-1@hotmail.com wrote:
>>> >> K4YZ wrote:
>>> >> > hot-ham@hotmail.com wrote:
>>> >
>>> >> > > So what was it all about???
>>> >> > >
>>> >> > > Monitoring CAP FOUO communications.
>>> >> > >
>>> >> > > I recall K4YZ/KTN4GN inviting people to monitor him and he would
>>> >> > > send an SWL confirmation.
>>> >> > >
>>> >> > > Hi! So much for FOUO.
>>> >> >
>>> >> > Uh huh.
>>> >> >
>>> >> > And nowhere in my QRZ bio did I mention operating
>>> >> > frequencies, net
>>> >> > times, operational objectives, etc.
>>> >>
>>> >> so?
>>> >
>>> > WWW.QRZ.COM search "K4YZ"
>>> >
>>> >> > FOUO maintained...Brain made a fool of...Again...
>>> >>
>>> >> maybe maybe not
>>> >>
>>> >> have you told CAP you intend to confirm FOUO freqs and time
>>> >
>>> > This is where his innocense falls apart. Somehow he's going to
>>> > confirm an SWL card with "I can neither confirm nor deny..."

>>> > Riiiiight.
>>> >
>>> > PopComm needs to beware publishing this idiot's letters.
>>>
>>> You really are a bitter ham.
>>
>> At least I'm a ham. That can't be said of you.
>>
>>> Lack of CW in the radio diet will do that to
>>> you.
>>
>> Nope, being accused of molesting Boy Scouts did it for me.
>>
>> Everything that K4YZ/KTN4GN says is suspect and needs to be
>> scrutinized.
>>
>> For example, his Civil Air Patrol FOUO letter that was published in the
>> Nov 2006 issue of PopComm completely contradicts his QRZ.COM/K4YZ offer
>> to confirm his CAP communications.
>>
>> That is what this thread is about... if you'd care to stay on topic.
>>
>>
>>> Just look at all the hate on eleven meters.
>>
>> I wouldn't know, but there's no need to look there. The hate is
>> already on RRAP, and K4YZ fosters most of it. When this group becomes
>> moderated, I expect K4YZ to be banned. He'll have to hang out on the
>> Nurse or CAP yahoo groups of his own creation and moderation.
>>
>>> Those people are even
>>> gunning each other down in shopping mall parking lots.
>>>
>>> SC
>>
>> What a coincidence. K4YZ has offered to "meet" several hams at the
>> Dayton Hamfest, and there's a lot of hamfest parking at the shopping
>> mall.
>
>
>The only hate I see, is the hate most everyone here has for the CW test.

that is becuase you are blind steve esp to yourself

kookathon on clockwork
>But that's about it. How'd ya like the boy scouts?
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3244. Re: CW IS ham radio. bullshit

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 01:08:02 UTC
From: Mark@kb9rqz.aprs
Message-ID: <uq84n2lj6askv5nktg56irm91odd31gei3@4ax.com>
Source record: 48718
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

On Sun, 03 Dec 2006 00:35:03 GMT, Slow Code <my.mail@no.spam> wrote:

>"M Peraaho" <mperaaho@northlc.com> wrote in
>news:ooGdnXRWMMHZJuzYnZ2dnUVZ_oednZ2d@trueband.net:
>
>> The Indians use to communicate with smoke signals. Learning smoke
>> signals should be mandatory. This would separate the men from the boys.
>> Smoke signals are not dependent on electricity. You can use a match or
>> rub two sticks together. This is the only reliable way of passing
>> messages when all else fails.
>
>
>Dear MP,
>
>Please pull your friggen head out of your ass and use your brain for once.
>

kookathon on clockwork
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3245. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 01:10:52 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165108252.428566.64160@l12g2000cwl.googlegroups.com>
Source record: 48719

No Jerry you are on the right path, the envelope under question is the
application of power that produces the emmission of flux in the near
field You have to be carefull as to what radiation refers to and where
or sniping will start because some radiation starts in the near field
does not really take off because of radiation that cancells or
neutralises the emitted flux
so far field radiation does not occur so you have to be carefull after
the flux flows when you really only have two fields acting in concert
You will also here people refer to the gain of a radiated field as an
indication of efficiency which is just comparing the position of choice
to another position iof choice without regard to the volume enclosed in
a radiation field which is normally spread in all directions whether
you want it or not. So we are looking strictlyat how much energy we
lose in the providing flux emmisions which profides radiation without
concern where it goes otherwise you will get into a sqogmire of
confusion. Frankly I can tell you that a element detuned is the root of
all the inefficiences experienced with a Yagi.Period
but others resist this notion or fact
Art

Jerry Martes wrote:
> "art" <aunwin@insightbb.com> wrote in message
> news:1165079106.476070.48740@80g2000cwy.googlegroups.com...
> > Hi Jerry sorry that I didn't respond to you earlier but here goes
> > untuned elements which haveWhen you decide to get something going you
> > need a means to get there.
> > When you decide on the means you need to know if you are expending the
> > minimum energy to get there
> > In this particular case we have decided on generating a time varying
> > field around some reradiatiung elements to obtain a radiating field of
> > some sort Since we are applying energy
> > to elements we want to know if the elements are doing a good job or are
> > they losing out on energy translation by generating heat e.t.c instead
> > of it all going where I want it to. So what we do is find out what
> > energy we put in to obtain our objective and measure what we got out
> > towards our objective to see how effective we were which is a measure
> > of efficiency... Ideally we dont want to produce heat and all that
> > other stuff but the anteena array that we have chosen to do this is a
> > yagi array of elements which starts of with a resonant dipole which has
> > a purely resistive impedance. But the yagi then goes on to upset things
> > by adding which have a reactive impedance which detracts from the purly
> > resistive value of the impedance which means losses when we should have
> > added extra resonant elements to the set up as a means of adding to the
> > structure to maintain zero losses BUT the yagi does go a long way

> > towards our objectives so it has hung around for a long while. As a
> > side issue
> > we should also consider the environment that our array is working in
> > and also the type of element material we are using as well as the means
> > taken to input power but that gets more complicated so the question is
> > really revolving around the energy input versus a magnetic near field
> > generation that goes on to form a far field radiation field.
> > SOOOOOOOooooo
> > efficiency in this case compares the electrical power applied to the
> > yagi to generate a magnetic and electric fieldaround the yagi and to
> > check how much energy was lost on the way to our objective. Sorry for
> > the delay but fortunately I did check back in before I moved on to
> > other things
> > Regards
> > Art
>
> Hi Art
>
> As I read it, the efficiency (in percentage) we are using for this
> discussion is Power Out divided by Power In, if the "objective" is to
> radiate power. Or, correct me if I misread.
>
> Jerry

3246. kookathon on clockwork

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 01:15:10 UTC
From: Mark@kb9rqz.aprs
Message-ID: <3894n2t4fqkg169sq5bv75ctdrit785g5v@4ax.com>
Source record: 48720
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy

On Sun, 03 Dec 2006 00:35:01 GMT, Slow Code <my.mail@no.spam> wrote:

>"Alex" <samalex@gmail.com> wrote in
>news:1164727510.256694.183240@h54g2000cwb.googlegroups.com:
>
>> Hey Guys,
>>
>> I'm a new ham radio operator, but I've been working with computers for
>> most of my life. I'm now in the process of setting-up my first 'ham
>> shack', and instead of going with the latest and greatest, I hope to
>> employee several classic computers to help me along. I have quite a
>> collection in my closet I plan on pulling out, but I'd like opinions of
>> others on what they would use in such a situation.
>>
>> First, I do want to connect my radio to the computer, and many of the
>> technologies used by ham radio operators, like slow scan TV, packet
>> radio, etc, can be used on most of the classic computers in some form
>> or fashion. This I don't think I'll have a problem, no matter which
>> systemI go with.
>>
>> One of the main things I do want to do is have the computer on my home
>> network. I don't need a web browser or even a GUI interface... the
>> main thing I would really need is Telnet and FTP. I also want
>> something with a word processor and spreadsheet program -- even
>> Visicalc would be nice to use.
>>
>> And finally I want something fun.. which is the entire point of this
>> venture :) I know some older computers still have huge repositories of
>> software online, and whether it's a game or neat utility, I'd love to
>> setup a classic computer I can really use and have fun with while in my
>> 'ham shack'.
>>
>> Here's a list of computers I have around me now:
>> Tandy Color Computer 2
>> Tandy Color Computer 3 (128K model)
>> Commodore Amiga 500
>> Apple II (original, not PLUS)
>> Mac Classic
>>
>> And though I don't currently own one, I'm looking at getting a
>> Commodore 128 as well, either from a friend of possibly from ebay.
>>
>> Anyway, just curious what others would choose if you had to pick a

>> computer or even a couple of older computers to use again. Also if
>> there's any ham operators out there with experience with older systems,
>> I'd love some feedback!
>>
>> Take care, and thanks in advance for any ideas.
>>
>> Alex
>
>
>Hi Alex, You sound like a brand new no-code Tech. Welcome to ham radio.

kookathon on clockwork
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3247. kookathon on clockwork

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 01:19:24 UTC
From: Mark@kb9rqz.aprs
Message-ID: <pe94n2p9k96848kvvnbblmrddfohbho8v7@4ax.com>
Source record: 48721
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy

On Sun, 03 Dec 2006 00:35:09 GMT, Slow Code <my.mail@no.spam> wrote:

>Danny Richardson <n_group@k6mhe.com> wrote in
>news:tqh3n2h7gjtdevv66fvnmv0be7clnpf019@4ax.com:
>
>> On Sat, 02 Dec 2006 09:48:44 -0800, Bill Turner <noway@nowhow.com>
>> wrote:
>>
>>>>ORIGINAL MESSAGE:
>>>
>>>>On Sat, 2 Dec 2006 08:19:07 -0800, "Caveat Lector" <CL@nowhere.com>
>>> wrote:
>>>
>>>>>Maybe this will help(a little) to get rid of the off topic posts
>>>>
>>>>>For what this News Group is about and applicable guide lines see URL:
>>>>
>>>>>http://www.faqs.org/faqs/radio/personal-intro/
>>>>
>>>>>Thanks for reading
>>>>>73 CL
>>>>
>>>
>>>>------------ REPLY FOLLOWS ------------
>>>
>>>>Dream on, CL. These guys already know that and they don't care. It's
>>>>been that way forever. It's the Curse of Usenet.
>>>
>>>>Bill, W6WRT
>>
>> After years of resisting I'm ready for a moderated antenna group. I've
>> used my kill filter more times in the last three months than I've ever
>> done in the previous ten years.
>>
>> I, for one, am sick and tired of the foul-mouth off topic postings
>> and, if that requires a moderated group to get rid of them it would be
>> a very small price to pay.
>>
>> Danny,
>
>
>I know what you mean Dan. With the anticipation that ham radio is going
>to get dumbed down again real soon, the dumb-it-downers like Lenny,

>Markie, Opus and a few others are really trashing the groups with anti
>code test hate. We can only hope the code requirement is retained and
>increased so that they can't get on HF and mess that up too.

but you have admitted to being a Bad Ham and that YOU want to kill the
ARS steve
'
and you keep trolling ngs looking for more thread to trol with

and you are band on time

kookathon on clockwork
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3248. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 01:20:45 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ekt8no$bs6$1@aioe.org>
Source record: 48722

art wrote:
> ...

Art:

You believe resonance of the driver is desirable? Have you plotted a yagi with EZNEC and added reactance to make the director physically shorter than the de, but the electrical length correct?

I have not; but would expect it to plot out as two identical de's pattern with a reflector?

JS

3249. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 01:22:02 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <Z-qdnWiCEM0ku-_YnZ2dnUVZ_vidnZ2d@comcast.com>
Source record: 48723

Cecil Moore wrote:

> Dave wrote:
>
>> All other "definitions" are red herrings and do not contribute to the
>> answer.
>
>
> Not if the question is: What is beam efficiency? :-)

ABSOLUTELY NOT!!!!

Efficiency is the ratio of [power input minus power losses] divided by [power input]. PERIOD!!!!!!!!!

If it's anything else you have created a perpetual motion machine ... patent it!!!

This thread has been corrupted by confusion with directivity and gain. Neither of which have anything to do with efficiency. Antenna patterns provide zero information regarding efficiency.

It is possible, for this discussion, to have a Yagi with 10 dB gain, -60 dB backlobes, and 10 dB losses and it is only a 10% efficient antenna that exhibits a gain of 0 dBd. It is still 10% efficient.

Art, who made the original post, has to resolve his difficulties with antenna efficiency, antenna system efficiency, path loss effects, gain and directivity.

Cecil, as an engineer, you should not slide into loose definitions of efficiency. Doing so only further confuses the issue.

Art is using 'efficiency' incorrectly. His actual interest is in the total path loss from transmitter to receiver and should be dealt with in that context. And in that problem, path loss, the issues are further complicated between line of sight, ground wave and over the horizon propagation effects. HF path losses can have -60 dB variations, or more loss, depending on propagation, solar cycles, and solar storms. We have all experienced QSB of up to 5 S units and also total loss of signals due to solar effects. These effects are NOT YAGI ANTENNA EFFICIENCY.

3250. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 01:26:58 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <CJpch.1267$lb1.464@trnddc05>
Source record: 48724

"art" <aunwin@insightbb.com> wrote in message
news:1165108252.428566.64160@l12g2000cwl.googlegroups.com...
> No Jerry you are on the right path, the envelope under question is the
> application of power that produces the emmission of flux in the near
> field You have to be carefull as to what radiation refers to and where
> or sniping will start because some radiation starts in the near field
> does not really take off because of radiation that cancells or
> neutralises the emitted flux
> so far field radiation does not occur so you have to be carefull after
> the flux flows when you really only have two fields acting in concert
> You will also here people refer to the gain of a radiated field as an
> indication of efficiency which is just comparing the position of choice
> to another position iof choice without regard to the volume enclosed in
> a radiation field which is normally spread in all directions whether
> you want it or not. So we are looking strictlyat how much energy we
> lose in the providing flux emmisions which profides radiation without
> concern where it goes otherwise you will get into a sqogmire of
> confusion. Frankly I can tell you that a element detuned is the root of
> all the inefficiences experienced with a Yagi.Period
> but others resist this notion or fact
> Art
>
>
Hi Art

Does that mean the Yagi gets hot when used to radiate RF? That is,
since the Yagi is less efficient than some other reference antenna, the Yagi
gets hotter than the other antenna when their input power is equal.

Jerry

3251. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 01:27:40 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165109260.483836.19460@f1g2000cwa.googlegroups.com>
Source record: 48725

I understand where you are coming from Cecil but let me turn your
statement around. How are you going to account for these additions and
subtractions in accepted equations by the masters that produce the
legitamacy of RLC or complex circuitry equeationd if they are known as
loss less and not a lumped item around which electromechanics thrive?
Cecil Moore wrote:
> art wrote:
> > But the yagi then goes on to upset things
> > by adding which have a reactive impedance which detracts from the purly
> > resistive value of the impedance which means losses ...True it does have directive
value
as cos phi or power factor but it is a variable and not a constant
which circuitry requires.
Remember only R is of consideration for the addition of power from each
element which provides flux unless you can quantasize reaction for me
as producing the emmision of flux other than a indication of the
direction it takes . Really Cecil I am trying to get people to think
about elements containing inherranr directional properties so that
uneeded radiation is harnessesd for useful purposes but they are
shutting their ears.
Art
>
> Actually Art, adding reactance reduces the current in
> the element thus *decreasing* losses below what a resonant
> passive element would have. Pure reactance is lossless.
>
> Seems to me that the reactance in the passive elements
> provides a phase shift that causes destructive interference
> in the desired places and constructive interference in
> the desired places.
>
> I came in late and thus apologize if anyone else has stated
> this earlier.
> --
> 73, Cecil http://www.w5dxp.com

3252. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 01:31:25 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ekt9bodmf1@aioe.org>
Source record: 48626

John Smith wrote:
> art wrote:
> > ...
>
> Art:
>
> You believe resonance of the driver is desirable? Have you plotted a
> yagi with EZNEC and added reactance to make the director physically
> shorter than the de, but the electrical length correct?
>
> I have not; but would expect it to plot out as two identical de's
> pattern with a reflector?
>
> JS
>

... sorry "... resonance of the driver ...", should have been resonance
of the director.

JS

3253. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 01:35:09 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ekt9ip$e47$1@aioe.org>
Source record: 48627

Jerry Martes wrote:
> "art" <aunwin@insightbb.com> wrote in message
>
> Does that mean the Yagi gets hot when used to radiate RF? That is,
> since the Yagi is less efficient than some other reference antenna, the Yagi
> gets hotter than the other antenna when their input power is equal.
>
> Jerry
>
>

Yes Jerry, if the radiation efficiency falls, the antenna should get
"hotter", where else would the lost power go? Harmonics? Psychic waves?

JS

3254. Re: Guide Lines for this news group

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 01:37:52 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <5ha4n2hj6vahuh6fr1cfm9a2q0n92iqe3h@4ax.com>
Source record: 48628

ORIGINAL MESSAGE:

On Sat, 02 Dec 2006 10:40:24 -0800, Danny Richardson
<n_group@k6mhe.com> wrote:

>After years of resisting I'm ready for a moderated antenna group. I've
>used my kill filter more times in the last three months than I've ever
>done in the previous ten years.
>
>I, for one, am sick and tired of the foul-mouth off topic postings
>and, if that requires a moderated group to get rid of them it would be
>a very small price to pay.
>
>Danny, K6MHE

---------- REPLY FOLLOWS ----------

Me too, Danny. There is a group on Yahoo but I don't know if it's
moderated or not:

http://groups.yahoo.com/group/HamRadioAntenna/

They have 912 members so it might be a good one. I think I'll join and
find out.

Bill, W6WRT

3255. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 01:47:01 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165110421.419586.159990@l12g2000cwl.googlegroups.com>
Source record: 48629

Help me help me please , a detuned element has a reactive impedance value, simple fact.
Now with your superior knowledge and education show not just me but all of us how the production of a reactive impedance does not or cannot impede the formation of emmited flux? I dont want just comments or guesses just an explanation of your position which aligns with the laws of Kirchoff, Ampere, Green ,Laplace etc as a group or as single people to give your response some credability . Cecil has given you a starting point as to what exactly reactance is so the rest should be easy for you considering how easily you can dismiss my logic and education regarding the Yagi antenna. Bill I cant wait to hear the mutterings of a master of your station, a chance to learn something really new, maybe not even written in a book Go man go! Well I know you can't.... but I am just demonstrating that if you want to snipe then others will be encouraged to snipe and it is not nice. Knoweledge is what I am after not errent gun shots

Bill Turner wrote:
> ORIGINAL MESSAGE:
>
> On 1 Dec 2006 18:29:51 -0800, "art" <aunwin@insightbb.com> wrote:
>
>
> >Since two elements out of the
> > three are producing reactive impedances and wherein
> > the reactive portions of impedance is pure waste
> > pray tell me how one can consider a yagi as efficient?
>
> ------------ REPLY FOLLOWS ------------
>
> Please let us know what electronics school you attended so we can
> avoid it like the plague and, if at all possible, have it
> de-certified.
>
> Thanks,
>
> Bill, W6WRT

3256. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 02:02:48 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165111368.150344.208770@j44g2000cwa.googlegroups.com>
Source record: 48630

>From a theoretical way of getting at the answer it seems
a logical way of proceding. So now to the rest of the task.1 how do we
determine volumes that you talk about that are a result of deflection 2
How do we determine
radiation that was cancelled or neutralised and 3 How do you determine
the radiation volume created by ground reflection so we can work back
to search for ground losses. That last one really bothers me as I have
never got a good handle on the contribution of ground reflection to any
particular part of the radiation envelope.

Art

Denny wrote:
> For those who wish to actually learn and not just insult each other,
> get a calculator, learn how to calculate Cosine Theta <a trivial math
> problem that any 9th grader can be taught in 5 minutes flat>, get a BIG
> piece of paper <reason to come>, and actually calculate the shape and
> vector length of the lobes of a two element Yagi-Uda antenna... Do the
> calculation in both the horizonal and vertical planes... From that you
> can calculate the volume of each lobe, which is proportional to the
> percentage of power in each lobe... From that number you can very
> simply calculate what percentage went into the lobes you prefer and
> what went in the lobes you don't prefer...
>
> Now, the reason for the BIG piece of paper... The antenna patterns you
> see on the screen with EZNEC, or in the antenna handbooks, are
> logarithmic, not linear <and there are flavors to them, ARRL, linear
> logarithmic, modified logarithmic>... So, the patterns are
> distorted... Why is that? Because if they were linear and the front
> lobe and the rear lobe are to the same scale the front lobe will take
> up the entire length of the screen/paper and the rear lobe will need a
> magnifying glass to be seen... A rear lobe that is 20dB down from the
> front lobe is down by the power ratio of 100... So, if your forward
> lobe calculates out to be 10 inches long, the rear lobe will be be 1/10
> of an inch.... I'll let you figure out the size of a lobe that is 30dB
> down (get out your microscope)
>
> For those who want to review do a search on Joseph Reisert, who has
> published numerous writings on antennas and patterns... There many are
> others also, but Joe is published on the web, and very readable...
>
> cheers ... denny / k8do

3257. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 02:14:55 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <wridneBp-IqDru_YnZ2dnUVZ_h2dnZ2d@comcast.com>
Source record: 48631

art wrote:

> Dave wrote:
>
>>If a simple dipole is fed with 100 watts and radiates 95 watts, it is 95% efficient.
>
>
> David if you had a dipole that had inherrent directional capabilities
> would you consider
> that as a possible choice for better efficiency ? Where does the 95%
> number come from and where did the 5% go so. Did turners post influence
> your guess at that number? is he worth copying? Others can get an idea
> what you are talking about ie. parameters of use for which you are
> applying the 95% figure to. It is possible that we can at least one
> negative from the discusion in search of the kernel of info. Does the
> dipole become more or less efficient as it moves away from its design
> frequency as it becomes "detuned" Give me some meat
>
SNIPPED

Art, It has absolutely NOTHING to do with measurements, or with 95 watts or 5 watts, or antenna patterns, or the reactive components.

It is defining efficiency properly!

Net radiated power divided by power input is Efficiency. Measure it or calculate it any way you want!

An antenna with -3 dB loss is a 50% efficient antenna independent of the actual input power. Choose any power input you like. An antenna with -3 dB loss is a 50% efficient antenna regardless of gain, directivity, antenna patterns, patents, claims, marketing Bull S--t, or anything else.

Put your favorite antenna inside a sphere of any suitable diameter that contains the antenna. The total rf power coming out of the sphere divided by the total rf power into the antenna [sphere] is the antenna efficiency. There is NO OTHER definition!

Reducing power in the back and side lobes has absolutely NOTHING to do with efficiency. It has to do with directivity.

Design of a Yagi, traps, conductors, element spacing etc. will produce variations in gain, directivity, efficiency [variations in losses, heat]. Practically, the difference in efficiency between a 90% efficient antenna and a 98% efficient antenna is swamped by variations in the path loss physics.

I spent years of my life designing rf systems for telemetry from space vehicles through reentry to a ground station. Data integrity at the ground station was and still is the dominating requirement. Based on allowable data error rates, the total path equation required S/N ratios of 12 dB or more. The solution is a systems solution where the minor variations in antenna efficiency get lost in the calculations.

3258. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 02:21:30 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <wridneNp-lo0qe_YnZ2dnUVZ_h2dnZ2d@comcast.com>
Source record: 48632

art wrote:

> Help me help me please , a detuned element has a reactive impedance
> value, simple fact.

NOT CORRECT! It is a complex impedance that contains both a resistive and an reactive component.

> Now with your superior knowledge and education show not just me but all
> of us how the production of a reactive impedance does not or cannot
> impede the formation of emmited flux? I dont want just comments or
> guesses just an explanation of your position which aligns with the laws
> of Kirchoff, Ampere, Green ,Laplace etc as a group or as single people
> to give your response some credability . Cecil has given you a starting
> point as to what exactly reactance is so the rest should be easy for
> you considering how easily you can dismiss my logic and education
> regarding the Yagi antenna. Bill I cant wait to hear the mutterings of
> a master of your station, a chance to learn something really new, maybe
> not even written in a book Go man go! Well I know you can't.... but I
> am just demonstrating that if you want to snipe then others will be
> encouraged to snipe and it is not nice. Knoweledge is what I am after
> not errent gun shots
>
>
>
> Bill Turner wrote:
>
>>ORIGINAL MESSAGE:
>>
>>On 1 Dec 2006 18:29:51 -0800, "art" <aunwin@insightbb.com> wrote:
>>
>>
>>
>>>Since two elements out of the
>>>three are producing reactive impedances and wherein
>>>the reactive portions of impedance is pure waste
>>>pray tell me how one can consider a yagi as efficient?
>>
>>------------ REPLY FOLLOWS ------------
>>
>>Please let us know what electronics school you attended so we can
>>avoid it like the plague and, if at all possible, have it
>>de-certified.
>>
>>Thanks,

>>
>>Bill, W6WRT
>
>

3259. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 02:32:27 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <4572373c$0$1014$39cecf19@news.twtelecom.net>
Source record: 48633

Dave wrote:

> SNIPPED
>
> Art, It has absolutely NOTHING to do with measurements, or with 95 watts
> or 5 watts, or antenna patterns, or the reactive components.
>
> It is defining efficiency properly!
>
> Net radiated power divided by power input is Efficiency. Measure it or
> calculate it any way you want!
>
> An antenna with -3 dB loss is a 50% efficient antenna independent of the
> actual input power. Choose any power input you like. An antenna with -3
> dB loss is a 50% efficient antenna regardless of gain, directivity,
> antenna patterns, patents, claims, marketing Bull S--t, or anything else.
>
> Put your favorite antenna inside a sphere of any suitable diameter that
> contains the antenna. The total rf power coming out of the sphere
> divided by the total rf power into the antenna [sphere] is the antenna
> efficiency. There is NO OTHER definition!
>
> Reducing power in the back and side lobes has absolutely NOTHING to do
> with efficiency. It has to do with directivity.
>
> Design of a Yagi, traps, conductors, element spacing etc. will produce
> variations in gain, directivity, efficiency [variations in losses,
> heat]. Practically, the difference in efficiency between a 90% efficient
> antenna and a 98% efficient antenna is swamped by variations in the path
> loss physics.
>
> I spent years of my life designing rf systems for telemetry from space
> vehicles through reentry to a ground station. Data integrity at the
> ground station was and still is the dominating requirement. Based on
> allowable data error rates, the total path equation required S/N ratios
> of 12 dB or more. The solution is a systems solution where the minor
> variations in antenna efficiency get lost in the calculations.
>

Art doesn't care about reality, he thinks he can create a new one which
ignores physics. You are wasting your time.

I am plonking this thread, and art.

tom
K0TAR

3260. Re: Guide Lines for this news group

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 02:40:59 UTC
From: Danny Richardson <n_group@k6mhe.com>
Message-ID: <v6e4n2htdk0nrd9uod67mfc8v1cec1huub@4ax.com>
Source record: 48634

On Sat, 02 Dec 2006 17:37:52 -0800, Bill Turner <noway@nowhow.com>
wrote:

>
>Me too, Danny. There is a group on Yahoo but I don't know if it's
>moderated or not:
>
>http://groups.yahoo.com/group/HamRadioAntenna/
>
>They have 912 members so it might be a good one. I think I'll join and
>find out.
>
>Bill, W6WRT

Let me know what you think after you join.

I took a look and it seems Yahoo is a bit noisily about sign up
information.

Danny, K6MHE

3261. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 02:50:22 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165114222.114737.15540@j44g2000cwa.googlegroups.com>
Source record: 48635

John Smith wrote:
> art wrote:
> > ...
>
> Art:
>
> You believe resonance of the driver is desirable? Have you plotted a
> yagi with EZNEC and added reactance to make the director physically
> shorter than the de, but the electrical length correct?
Yes I have done that lots of times if I have the question correctly
basically having resonant elements beside the driven element but of
different lengths
>
> I have not; but would expect it to plot out as two identical de's
> pattern with a reflector?
Well now I am not sure what you want plotting if you are making the
reflector resonant
other than the design frequency of the array.
>
> JS

3262. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 03:01:21 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ektekg$qr0$1@aioe.org>
Source record: 48636

art wrote:
> Well now I am not sure what you want plotting if you are making the
> reflector resonant
> other than the design frequency of the array.
>> JS
>

Art:

No, the reflector would remain the same ~5% longer (electrically and physically) than the de. And, the director remains physically shorter than the de, but made resonate with the proper addition of a coil, somewhere in its length, so as to be made resonate at the same freqs as the de (or approx. so, since the coil will undoubtedly change some characteristics from that of the resonate de.

Art, you are rapid losing me here. Either I am not able to see what you are getting at, or else I suspect you of having some facts or formulas twisted about here...

Regards,
JS

3263. Re: Guide Lines for this news group

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 03:05:51 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ektesp$rc8$1@aioe.org>
Source record: 48637

Danny Richardson wrote:
>
> Let me know what you think after you join.
>
> I took a look and it seems Yahoo is a bit noisily about sign up
> information.
>
> Danny, K6MHE
>
>

Hmmm. I seen the following there:

"Description
tlak abut Antenna vhf/uhf/hf
Hygain,Force 12 Antennas,Comet Antennas,M2 Antennas,MFJ,Mosley,Sommer
Antennas,CushCraft Antennas,KLM Antennas,more"

Mostly a group of "appliance antenna users?"

Regards,
JS

3264. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 03:06:11 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165115171.003524.45750@l12g2000cwl.googlegroups.com>
Source record: 48638

David, you are doing a lot of reading of different posters and then
placing them under my name. I have no idea of what you are trying to
project with this accumulation of various postings from various people
tho I cqan see that you are getting mad as hell over something.
cool down

Dave wrote:
> art wrote:
>
> > Dave wrote:
> >
> >>If a simple dipole is fed with 100 watts and radiates 95 watts, it is 95% efficient.
> >
> >
> > David if you had a dipole that had inherrent directional capabilities
> > would you consider
> > that as a possible choice for better efficiency ? Where does the 95%
> > number come from and where did the 5% go so. Did turners post influence
> > your guess at that number? is he worth copying? Others can get an idea
> > what you are talking about ie. parameters of use for which you are
> > applying the 95% figure to. It is possible that we can at least one
> > negative from the discusion in search of the kernel of info. Does the
> > dipole become more or less efficient as it moves away from its design
> > frequency as it becomes "detuned" Give me some meat
> >
> SNIPPED
>
> Art, It has absolutely NOTHING to do with measurements, or with 95 watts or 5
> watts, or antenna patterns, or the reactive components.
>
> It is defining efficiency properly!
>
> Net radiated power divided by power input is Efficiency. Measure it or calculate
> it any way you want!
>
> An antenna with -3 dB loss is a 50% efficient antenna independent of the actual
> input power. Choose any power input you like. An antenna with -3 dB loss is a
> 50% efficient antenna regardless of gain, directivity, antenna patterns,
> patents, claims, marketing Bull S--t, or anything else.
>
> Put your favorite antenna inside a sphere of any suitable diameter that contains
> the antenna. The total rf power coming out of the sphere divided by the total rf
> power into the antenna [sphere] is the antenna efficiency. There is NO OTHER
> definition!

>
> Reducing power in the back and side lobes has absolutely NOTHING to do with
> efficiency. It has to do with directivity.
>
> Design of a Yagi, traps, conductors, element spacing etc. will produce
> variations in gain, directivity, efficiency [variations in losses, heat].
> Practically, the difference in efficiency between a 90% efficient antenna and a
> 98% efficient antenna is swamped by variations in the path loss physics.
>
> I spent years of my life designing rf systems for telemetry from space vehicles
> through reentry to a ground station. Data integrity at the ground station was
> and still is the dominating requirement. Based on allowable data error rates,
> the total path equation required S/N ratios of 12 dB or more. The solution is a
> systems solution where the minor variations in antenna efficiency get lost in
> the calculations.

3265. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 03:14:26 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165115666.239436.132970@73g2000cwn.googlegroups.com>
Source record: 48639

David are you going nuts? I used the word impedance whichcan mean two components only one of which is used for power. What on earth are you trying to say now or are you looking for a reason to thro stones. Now calm down and point out where I was not CORRECT as you put it and what are the consequences of this error relative to what we are talking about?
If your point is that I didn't emphasise the word complex then there is no need to respond, you can have it your way I don't mind if it helps you out with your apparent anger.

Dave wrote:
> art wrote:
>
> > Help me help me please , a detuned element has a reactive impedance
> > value, simple fact.
>
> NOT CORRECT! It is a complex impedance that contains both a resistive and an
> reactive component.
>
> > Now with your superior knowledge and education show not just me but all
> > of us how the production of a reactive impedance does not or cannot
> > impede the formation of emmited flux? I dont want just comments or
> > guesses just an explanation of your position which aligns with the laws
> > of Kirchoff, Ampere, Green ,Laplace etc as a group or as single people
> > to give your response some credability . Cecil has given you a starting
> > point as to what exactly reactance is so the rest should be easy for
> > you considering how easily you can dismiss my logic and education
> > regarding the Yagi antenna. Bill I cant wait to hear the mutterings of
> > a master of your station, a chance to learn something really new, maybe
> > not even written in a book Go man go! Well I know you can't.... but I
> > am just demonstrating that if you want to snipe then others will be
> > encouraged to snipe and it is not nice. Knoweledge is what I am after
> > not errent gun shots
> >
> >
> >
> > Bill Turner wrote:
> >
> >>ORIGINAL MESSAGE:
> >>
> >>On 1 Dec 2006 18:29:51 -0800, "art" <aunwin@insightbb.com> wrote:
> >>
> >>
> >>

> >>>Since two elements out of the
> >>>three are producing reactive impedances and wherein
> >>>the reactive portions of impedance is pure waste
> >>>pray tell me how one can consider a yagi as efficient?
> >>
> >>------------ REPLY FOLLOWS ------------
> >>
> >>Please let us know what electronics school you attended so we can
> >>avoid it like the plague and, if at all possible, have it
> >>de-certified.
> >>
> >>Thanks,
> >>
> >>Bill, W6WRT
> >
> >

3266. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 03:20:42 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ektfoj$r1k$1@news.ndhu.edu.tw>
Source record: 48640

Tom Ring wrote:
> Dave wrote:
> ...
> I am plonking this thread, and art.
>
> tom
> K0TAR

Ahhhh. Mr. Tom Ring. I would almost bet he shares much in common with the average IBM employee!

Graduated with a C+ grade point average!

JS

3267. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 03:20:53 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165116053.604725.98730@j44g2000cwa.googlegroups.com>
Source record: 48641

Tom it is no good plonking me for what david is saying because he is
not quoting me, in fact some of it is a requote of what he said not me.
I think he is creating a straw man that he can argue with, is that what
you call reality? He has spent most of his time in space and I believe
him

Tom Ring wrote:
> Dave wrote:
>
> > SNIPPED
> >
> > Art, It has absolutely NOTHING to do with measurements, or with 95 watts
> > or 5 watts, or antenna patterns, or the reactive components.
> >
> > It is defining efficiency properly!
> >
> > Net radiated power divided by power input is Efficiency. Measure it or
> > calculate it any way you want!
> >
> > An antenna with -3 dB loss is a 50% efficient antenna independent of the
> > actual input power. Choose any power input you like. An antenna with -3
> > dB loss is a 50% efficient antenna regardless of gain, directivity,
> > antenna patterns, patents, claims, marketing Bull S--t, or anything else.
> >
> > Put your favorite antenna inside a sphere of any suitable diameter that
> > contains the antenna. The total rf power coming out of the sphere
> > divided by the total rf power into the antenna [sphere] is the antenna
> > efficiency. There is NO OTHER definition!
> >
> > Reducing power in the back and side lobes has absolutely NOTHING to do
> > with efficiency. It has to do with directivity.
> >
> > Design of a Yagi, traps, conductors, element spacing etc. will produce
> > variations in gain, directivity, efficiency [variations in losses,
> > heat]. Practically, the difference in efficiency between a 90% efficient
> > antenna and a 98% efficient antenna is swamped by variations in the path
> > loss physics.
> >
> > I spent years of my life designing rf systems for telemetry from space
> > vehicles through reentry to a ground station. Data integrity at the
> > ground station was and still is the dominating requirement. Based on
> > allowable data error rates, the total path equation required S/N ratios
> > of 12 dB or more. The solution is a systems solution where the minor
> > variations in antenna efficiency get lost in the calculations.

> >
>
> Art doesn't care about reality, he thinks he can create a new one which
> ignores physics. You are wasting your time.
>
> I am plonking this thread, and art.
>
> tom
> K0TAR

3268. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 03:30:19 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <fxrch.2734$Wq.2014@trnddc08>
Source record: 48642

Hi Art

If this was a car news group I'd realize that you have left me in your
dust. I just cant keep up with you. I thought I understood antennas and
I even thought I could design them. But, I dont even know the meaning of
the words you use, and I am too lazy to study and learn about things like
"emission of flux".
I had designed and built some Yagi arrays that worked pretty but I was
never aware that I detuned any of their elements. I just thought they were
as efficient as any other array of similar size.
It is obvious to me that I'll never understand why those Yogis are
considered inefficient.

Jerry

"art" <aunwin@insightbb.com> wrote in message
news:1165108252.428566.64160@l12g2000cwl.googlegroups.com...
> No Jerry you are on the right path, the envelope under question is the
> application of power that produces the emmission of flux in the near
> field You have to be carefull as to what radiation refers to and where
> or sniping will start because some radiation starts in the near field
> does not really take off because of radiation that cancells or
> neutralises the emitted flux
> so far field radiation does not occur so you have to be carefull after
> the flux flows when you really only have two fields acting in concert
> You will also here people refer to the gain of a radiated field as an
> indication of efficiency which is just comparing the position of choice
> to another position iof choice without regard to the volume enclosed in
> a radiation field which is normally spread in all directions whether
> you want it or not. So we are looking strictlyat how much energy we
> lose in the providing flux emmisions which profides radiation without
> concern where it goes otherwise you will get into a sqogmire of
> confusion. Frankly I can tell you that a element detuned is the root of
> all the inefficiences experienced with a Yagi.Period
> but others resist this notion or fact
> Art
>
>
>
>
> Jerry Martes wrote:
>> "art" <aunwin@insightbb.com> wrote in message
>> news:1165079106.476070.48740@80g2000cwy.googlegroups.com...
>> > Hi Jerry sorry that I didn't respond to you earlier but here goes
>> > untuned elements which haveWhen you decide to get something going you

>> > need a means to get there.
>> > When you decide on the means you need to know if you are expending the
>> > minimum energy to get there
>> > In this particular case we have decided on generating a time varying
>> > field around some reradiatiung elements to obtain a radiating field of
>> > some sort Since we are applying energy
>> > to elements we want to know if the elements are doing a good job or are
>> > they losing out on energy translation by generating heat e.t.c instead
>> > of it all going where I want it to. So what we do is find out what
>> > energy we put in to obtain our objective and measure what we got out
>> > towards our objective to see how effective we were which is a measure
>> > of efficiency... Ideally we dont want to produce heat and all that
>> > other stuff but the anteena array that we have chosen to do this is a
>> > yagi array of elements which starts of with a resonant dipole which has
>> > a purely resistive impedance. But the yagi then goes on to upset things
>> > by adding which have a reactive impedance which detracts from the purly
>> > resistive value of the impedance which means losses when we should have
>> > added extra resonant elements to the set up as a means of adding to the
>> > structure to maintain zero losses BUT the yagi does go a long way
>> > towards our objectives so it has hung around for a long while. As a
>> > side issue
>> > we should also consider the environment that our array is working in
>> > and also the type of element material we are using as well as the means
>> > taken to input power but that gets more complicated so the question is
>> > really revolving around the energy input versus a magnetic near field
>> > generation that goes on to form a far field radiation field.
>> > SOOOOOOOooooo
>> > efficiency in this case compares the electrical power applied to the
>> > yagi to generate a magnetic and electric fieldaround the yagi and to
>> > check how much energy was lost on the way to our objective. Sorry for
>> > the delay but fortunately I did check back in before I moved on to
>> > other things
>> > Regards
>> > Art
>>
>> Hi Art
>>
>> As I read it, the efficiency (in percentage) we are using for this
>> discussion is Power Out divided by Power In, if the "objective" is to
>> radiate power. Or, correct me if I misread.
>>
>> Jerry
>

3269. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 03:30:43 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165116643.431876.322720@j72g2000cwa.googlegroups.com>
Source record: 48643

Well I obviously misunderstood the question
What I have done is to make elements resonant with possesion of
different lengths
This is not that unusual with antennas. Now 'how' you make a shorter
element resonant at the same frequency is where we part. I would make
the element resonant by the addition of nearby elements not by adding a
constant like an inductance ,so obviously I have not plotted anything
according to what you are pointing to

John Smith wrote:
> art wrote:
> > Well now I am not sure what you want plotting if you are making the
> > reflector resonant
> > other than the design frequency of the array.
> >> JS
> >
>
> Art:
>
> No, the reflector would remain the same ~5% longer (electrically and
> physically) than the de. And, the director remains physically shorter
> than the de, but made resonate with the proper addition of a coil,
> somewhere in its length, so as to be made resonate at the same freqs as
> the de (or approx. so, since the coil will undoubtedly change some
> characteristics from that of the resonate de.
>
> Art, you are rapid losing me here. Either I am not able to see what you
> are getting at, or else I suspect you of having some facts or formulas
> twisted about here...
>
> Regards,
> JS

3270. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 03:31:01 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165116661.692118.179810@73g2000cwn.googlegroups.com>
Source record: 48644

Well I obviously misunderstood the question
What I have done is to make elements resonant with possesion of
different lengths
This is not that unusual with antennas. Now 'how' you make a shorter
element resonant at the same frequency is where we part. I would make
the element resonant by the addition of nearby elements not by adding a
constant like an inductance ,so obviously I have not plotted anything
according to what you are pointing to

John Smith wrote:
> art wrote:
> > Well now I am not sure what you want plotting if you are making the
> > reflector resonant
> > other than the design frequency of the array.
> >> JS
> >
>
> Art:
>
> No, the reflector would remain the same ~5% longer (electrically and
> physically) than the de. And, the director remains physically shorter
> than the de, but made resonate with the proper addition of a coil,
> somewhere in its length, so as to be made resonate at the same freqs as
> the de (or approx. so, since the coil will undoubtedly change some
> characteristics from that of the resonate de.
>
> Art, you are rapid losing me here. Either I am not able to see what you
> are getting at, or else I suspect you of having some facts or formulas
> twisted about here...
>
> Regards,
> JS

3271. Re: Guide Lines for this news group

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 03:32:56 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1165116776.575952.37510@16g2000cwy.googlegroups.com>
Source record: 48645
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy

Slow Code wrote:
> Danny Richardson <n_group@k6mhe.com> wrote in
> news:tqh3n2h7gjtdevv66fvnmv0be7clnpf019@4ax.com:
>
> > On Sat, 02 Dec 2006 09:48:44 -0800, Bill Turner <noway@nowhow.com>
> > wrote:
> >
> >>ORIGINAL MESSAGE:
> >>
> >>On Sat, 2 Dec 2006 08:19:07 -0800, "Caveat Lector" <CL@nowhere.com>
> >> wrote:
> >>
> >>>Maybe this will help(a little) to get rid of the off topic posts
> >>>
> >>>For what this News Group is about and applicable guide lines see URL:
> >>>
> >>>http://www.faqs.org/faqs/radio/personal-intro/
> >>>
> >>>Thanks for reading
> >>>73 CL
> >>>
> >>
> >>------------ REPLY FOLLOWS ------------
> >>
> >>Dream on, CL. These guys already know that and they don't care. It's
> >>been that way forever. It's the Curse of Usenet.
> >>
> >>Bill, W6WRT
> >
> > After years of resisting I'm ready for a moderated antenna group. I've
> > used my kill filter more times in the last three months than I've ever
> > done in the previous ten years.
> >
> > I, for one, am sick and tired of the foul-mouth off topic postings
> > and, if that requires a moderated group to get rid of them it would be
> > a very small price to pay.
> >
> > Danny,
>
>
> I know what you mean Dan.

No you don't. You're one of the foul-mouthed off-topic posters that
Dan is complaining about.

> With the anticipation that ham radio is going
> to get dumbed down again real soon, the dumb-it-downers

It got "dumbed-down" when a license was issued to you.

BTW, what is your call?

3272. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 03:42:43 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165117363.350224.60740@f1g2000cwa.googlegroups.com>
Source record: 48646

I wouldn't worry about that, you have made them and they work in a
manner that satisfies you what more could you want of an antenna?
Remember an extra DB in performance lookes like an achievement when
dealing with design but the fact is you would not see a difference if
you upgraded your antenna, so efficiency is not a factor for you as a
user. Increasing efficiency is just one small step that when added to
other small steps it gets everybodies attention it is at that point you
will take the step to upgrade. Enjoy and remember efficiency is a very
relevant term as it could be refering to something that is desired but
impossible to improve
Art

Jerry Martes wrote:
> Hi Art
>
> If this was a car news group I'd realize that you have left me in your
> dust. I just cant keep up with you. I thought I understood antennas and
> I even thought I could design them. But, I dont even know the meaning of
> the words you use, and I am too lazy to study and learn about things like
> "emission of flux".
> I had designed and built some Yagi arrays that worked pretty but I was
> never aware that I detuned any of their elements. I just thought they were
> as efficient as any other array of similar size.
> It is obvious to me that I'll never understand why those Yogis are
> considered inefficient.
>
> Jerry
>
>
>
>
>
> "art" <aunwin@insightbb.com> wrote in message
> news:1165108252.428566.64160@l12g2000cwl.googlegroups.com...
> > No Jerry you are on the right path, the envelope under question is the
> > application of power that produces the emmission of flux in the near
> > field You have to be carefull as to what radiation refers to and where
> > or sniping will start because some radiation starts in the near field
> > does not really take off because of radiation that cancells or
> > neutralises the emitted flux
> > so far field radiation does not occur so you have to be carefull after
> > the flux flows when you really only have two fields acting in concert
> > You will also here people refer to the gain of a radiated field as an
> > indication of efficiency which is just comparing the position of choice

> > to another position iof choice without regard to the volume enclosed in
> > a radiation field which is normally spread in all directions whether
> > you want it or not. So we are looking strictlyat how much energy we
> > lose in the providing flux emmisions which profides radiation without
> > concern where it goes otherwise you will get into a sqogmire of
> > confusion. Frankly I can tell you that a element detuned is the root of
> > all the inefficiences experienced with a Yagi.Period
> > but others resist this notion or fact
> > Art
> >
> >
> >
> >
> > Jerry Martes wrote:
> >> "art" <aunwin@insightbb.com> wrote in message
> >> news:1165079106.476070.48740@80g2000cwy.googlegroups.com...
> >> > Hi Jerry sorry that I didn't respond to you earlier but here goes
> >> > untuned elements which haveWhen you decide to get something going you
> >> > need a means to get there.
> >> > When you decide on the means you need to know if you are expending the
> >> > minimum energy to get there
> >> > In this particular case we have decided on generating a time varying
> >> > field around some reradiatiung elements to obtain a radiating field of
> >> > some sort Since we are applying energy
> >> > to elements we want to know if the elements are doing a good job or are
> >> > they losing out on energy translation by generating heat e.t.c instead
> >> > of it all going where I want it to. So what we do is find out what
> >> > energy we put in to obtain our objective and measure what we got out
> >> > towards our objective to see how effective we were which is a measure
> >> > of efficiency... Ideally we dont want to produce heat and all that
> >> > other stuff but the anteena array that we have chosen to do this is a
> >> > yagi array of elements which starts of with a resonant dipole which has
> >> > a purely resistive impedance. But the yagi then goes on to upset things
> >> > by adding which have a reactive impedance which detracts from the purly
> >> > resistive value of the impedance which means losses when we should have
> >> > added extra resonant elements to the set up as a means of adding to the
> >> > structure to maintain zero losses BUT the yagi does go a long way
> >> > towards our objectives so it has hung around for a long while. As a
> >> > side issue
> >> > we should also consider the environment that our array is working in
> >> > and also the type of element material we are using as well as the means
> >> > taken to input power but that gets more complicated so the question is
> >> > really revolving around the energy input versus a magnetic near field
> >> > generation that goes on to form a far field radiation field.
> >> > SOOOOOOOooooo
> >> > efficiency in this case compares the electrical power applied to the
> >> > yagi to generate a magnetic and electric fieldaround the yagi and to
> >> > check how much energy was lost on the way to our objective. Sorry for
> >> > the delay but fortunately I did check back in before I moved on to
> >> > other things

> >> > Regards
> >> > Art
> >>
> >> Hi Art
> >>
> >> As I read it, the efficiency (in percentage) we are using for this
> >> discussion is Power Out divided by Power In, if the "objective" is to
> >> radiate power. Or, correct me if I misread.
> >>
> >> Jerry
> >

3273. Re: Guide Lines for this news group

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 03:44:24 UTC
From: "A. G. Bell" <hello?@marksakook>
Message-ID: <gq6nq.ubo.19.1@news.alt.net>
Source record: 48647
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy

<hot-ham-and-cheese@hotmail.com> wrote in message
news:1165116776.575952.37510@16g2000cwy.googlegroups.com...
>
> Slow Code wrote:
> > Danny Richardson <n_group@k6mhe.com> wrote in
> > news:tqh3n2h7gjtdevv66fvnmv0be7clnpf019@4ax.com:
> >
> > > On Sat, 02 Dec 2006 09:48:44 -0800, Bill Turner <noway@nowhow.com>
> > > wrote:
> > >
> > >>ORIGINAL MESSAGE:
> > >>
> > >>On Sat, 2 Dec 2006 08:19:07 -0800, "Caveat Lector" <CL@nowhere.com>
> > >> wrote:
> > >>
> > >>>Maybe this will help(a little) to get rid of the off topic posts
> > >>>
> > >>>For what this News Group is about and applicable guide lines see URL:
> > >>>
> > >>>http://www.faqs.org/faqs/radio/personal-intro/
> > >>>
> > >>>Thanks for reading
> > >>>73 CL
> > >>>
> > >>
> > >>------------ REPLY FOLLOWS ------------
> > >>
> > >>Dream on, CL. These guys already know that and they don't care. It's
> > >>been that way forever. It's the Curse of Usenet.
> > >>
> > >>Bill, W6WRT
> > >
> > > After years of resisting I'm ready for a moderated antenna group. I've
> > > used my kill filter more times in the last three months than I've ever
> > > done in the previous ten years.
> > >
> > > I, for one, am sick and tired of the foul-mouth off topic postings
> > > and, if that requires a moderated group to get rid of them it would be
> > > a very small price to pay.
> > >
> > > Danny,
> >
> >

> > I know what you mean Dan.
>
> No you don't. You're one of the foul-mouthed off-topic posters that
> Dan is complaining about.
>
> > With the anticipation that ham radio is going
> > to get dumbed down again real soon, the dumb-it-downers
>
> It got "dumbed-down" when a license was issued to you.
>
> BTW, what is your call?
>
What is YOUR call, Billy? Which part of Ohio do you live in? Cincinnati
maybe?

3274. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 03:51:03 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ekthhm$1p4$1@aioe.org>
Source record: 48648

art wrote:
> Tom it is no good plonking me for what david is saying because he is
> not quoting me, in fact some of it is a requote of what he said not me.
> I think he is creating a straw man that he can argue with, is that what
> you call reality? He has spent most of his time in space and I believe
> him
>
> Tom Ring wrote:
>> Dave wrote:
>>
>>> SNIPPED
>>>

Art:

First, you must learn "theory" (and there IS a reason they term that THEORY! it is JUST THAT!) the way they learned it, so you can quote it to them verbatim, else they can't relate, else they are quick to dismiss. It helps if every once in awhile you say, "I know the accepted way of thinking says this, or that... but what about this other, or that other?" (yanno what I mean?)

Then you can really begin "thinking."

However, that is not all bad, it gives common ground so we ALL can communicate on a level which gives some understanding and purpose, perhaps to a final goal ...

... and beware, there are "other thinkers" here, they just choose to remain hidden and duck the wrath and arrows of the "rote-ly educated."

JS

3275. Dipole with inherent directional capabilities?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 03:59:35 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1165118375.085196.69960@j72g2000cwa.googlegroups.com>
Source record: 48649

Art,

I want to know about this concept. Can you tell me how to build one?
By what means might it change the very simple calculation of efficiency
given in the long and rambling thread which I am trying to avoid.

Take an antenna, any antenna you can dream up, measure the power
radiated in each direction. Add it all up. Compare that to the power
fed to the antenna.

A 100% efficient antenna radiates all the power it's fed.

A 50% efficent antenna radiates half the power it's fed.

A 150% efficent antenna radiates half again as much power as it's fed.

Why is an inherently directional "dipole" different from a yagi in this
respect?

Dan

3276. Re: Guide Lines for this news group

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 04:01:51 UTC
From: Mark@kb9rqz.aprs
Message-ID: <gvi4n25epo22b8c4jt50mcvksmlmj7n9fp@4ax.com>
Source record: 48650
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy

On Sat, 2 Dec 2006 22:44:24 -0500, "A. G. Bell" <hello?@marksakook>
wrote:

>
><hot-ham-and-cheese@hotmail.com> wrote in message
>news:1165116776.575952.37510@16g2000cwy.googlegroups.com...
>>
>> Slow Code wrote:
>> > Danny Richardson <n_group@k6mhe.com> wrote in
>> > news:tqh3n2h7gjtdevv66fvnmv0be7clnpf019@4ax.com:
>> >
>> > > On Sat, 02 Dec 2006 09:48:44 -0800, Bill Turner <noway@nowhow.com>
>> > > wrote:
>> > >
>> > >>ORIGINAL MESSAGE:
>> > >>
>> > >>On Sat, 2 Dec 2006 08:19:07 -0800, "Caveat Lector" <CL@nowhere.com>
>> > >> wrote:
>> > >>
>> > >>>Maybe this will help(a little) to get rid of the off topic posts
>> > >>>
>> > >>>For what this News Group is about and applicable guide lines see URL:
>> > >>>
>> > >>>http://www.faqs.org/faqs/radio/personal-intro/
>> > >>>
>> > >>>Thanks for reading
>> > >>>73 CL
>> > >>>
>> > >>
>> > >>------------ REPLY FOLLOWS ------------
>> > >>
>> > >>Dream on, CL. These guys already know that and they don't care. It's
>> > >>been that way forever. It's the Curse of Usenet.
>> > >>
>> > >>Bill, W6WRT
>> > >
>> > > After years of resisting I'm ready for a moderated antenna group. I've
>> > > used my kill filter more times in the last three months than I've ever
>> > > done in the previous ten years.
>> > >
>> > > I, for one, am sick and tired of the foul-mouth off topic postings
>> > > and, if that requires a moderated group to get rid of them it would be
>> > > a very small price to pay.

>> > >
>> > > Danny,
>> >
>> >
>> > I know what you mean Dan.
>>
>> No you don't. You're one of the foul-mouthed off-topic posters that
>> Dan is complaining about.
>>
>> > With the anticipation that ham radio is going
>> > to get dumbed down again real soon, the dumb-it-downers
>>
>> It got "dumbed-down" when a license was issued to you.
>>
>> BTW, what is your call?
>>
>What is YOUR call, Billy? Which part of Ohio do you live in? Cincinnati
>maybe?

BB's call is well know and esily located

My and My name are at the the top of the Page

your call if any and Slow Code's call are something you are rightly
ashamed to post
>
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3277. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 04:12:28 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165116648.667175.116510@l12g2000cwl.googlegroups.com>
Source record: 48651

Well I obviously misunderstood the question
What I have done is to make elements resonant with possesion of
different lengths
This is not that unusual with antennas. Now 'how' you make a shorter
element resonant at the same frequency is where we part. I would make
the element resonant by the addition of nearby elements not by adding a
constant like an inductance ,so obviously I have not plotted anything
according to what you are pointing to

John Smith wrote:
> art wrote:
> > Well now I am not sure what you want plotting if you are making the
> > reflector resonant
> > other than the design frequency of the array.
> >> JS
> >
>
> Art:
>
> No, the reflector would remain the same ~5% longer (electrically and
> physically) than the de. And, the director remains physically shorter
> than the de, but made resonate with the proper addition of a coil,
> somewhere in its length, so as to be made resonate at the same freqs as
> the de (or approx. so, since the coil will undoubtedly change some
> characteristics from that of the resonate de.
>
> Art, you are rapid losing me here. Either I am not able to see what you
> are getting at, or else I suspect you of having some facts or formulas
> twisted about here...
>
> Regards,
> JS

3278. Re: CW IS ham radio. bullshit

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 04:17:31 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12n4jur5uef2k3f@corp.supernews.com>
Source record: 48652
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

Slow Code wrote:
> "M Peraaho" <mperaaho@northlc.com> wrote in
> news:ooGdnXRWMMHZJuzYnZ2dnUVZ_oednZ2d@trueband.net:
>
>
>>The Indians use to communicate with smoke signals. Learning smoke
>>signals should be mandatory. This would separate the men from the boys.
>> Smoke signals are not dependent on electricity. You can use a match or
>>rub two sticks together. This is the only reliable way of passing
>>messages when all else fails.
>
>
>
> Dear MP,
>
> Please pull your friggen head out of your ass and use your brain for once.
>
> Smoke signals are a line of sight form of communication and you can't see
> them at night unless the fire is extremely large, and smoke signals don't
> work well in natural disasters like huricanes and tornados. Blind people
> can't see them either, they can only smell the smoke.
>
> CW works well all the time, unless you're too lazy or dumb to learn it.
> In which case you'll probably want to stick to playing with your matches
> and smoke bombs.
>
>
> SC

If you want to go slightly higher tech you could use a Heliograph. Of course they don't work at night either or on a cloudy day but the signal can be directed like a beam antenna.

Dave N

3279. Re: CW IS ham radio. bullshit

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 04:24:01 UTC
From: Mark@kb9rqz.aprs
Message-ID: <o9k4n2184oeme4p95joqkfihsa67jt3pks@4ax.com>
Source record: 48653
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

On Sat, 02 Dec 2006 22:17:31 -0600, "David G. Nagel" <nagel@core.com>
wrote:

>Slow Code wrote:
>> "M Peraaho" <mperaaho@northlc.com> wrote in
>> news:ooGdnXRWMMHZJuzYnZ2dnUVZ_oednZ2d@trueband.net:
>>
>>
>>>The Indians use to communicate with smoke signals. Learning smoke
>>>signals should be mandatory. This would separate the men from the boys.
>>> Smoke signals are not dependent on electricity. You can use a match or
>>>rub two sticks together. This is the only reliable way of passing
>>>messages when all else fails.
>>
>>
>>
>> Dear MP,
>>
>> Please pull your friggen head out of your ass and use your brain for once.
>>
>> Smoke signals are a line of sight form of communication and you can't see
>> them at night unless the fire is extremely large, and smoke signals don't
>> work well in natural disasters like huricanes and tornados. Blind people
>> can't see them either, they can only smell the smoke.
>>
>> CW works well all the time, unless you're too lazy or dumb to learn it.
>> In which case you'll probably want to stick to playing with your matches
>> and smoke bombs.
>>
>>
>> SC
>
>If you want to go slightly higher tech you could use a Heliograph. Of
>course they don't work at night either or on a cloudy day but the signal
>can be directed like a beam antenna.

one could add a torch to the heilograph to allow for sending 24/7
>
>Dave N
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3280. Re: Dipole with inherent directional capabilities?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 04:30:10 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ektjr3$6j4$1@aioe.org>
Source record: 48654

n3ox.dan@gmail.com wrote:
> Art,
>
> I want to know about this concept. Can you tell me how to build one?
> By what means might it change the very simple calculation of efficiency
> given in the long and rambling thread which I am trying to avoid.
>
> Take an antenna, any antenna you can dream up, measure the power
> radiated in each direction. Add it all up. Compare that to the power
> fed to the antenna.
>
> A 100% efficient antenna radiates all the power it's fed.
>
> A 50% efficent antenna radiates half the power it's fed.
>
> A 150% efficent antenna radiates half again as much power as it's fed.
>
> Why is an inherently directional "dipole" different from a yagi in this
> respect?
>
> Dan
>

Dan:

I am not Art. However, the questions look so ridiculous, let me provide some possible answers.

> A 100% efficient antenna radiates all the power it's fed.
ANSWER: Impossible. Well, outside of a superconducting physics lab anyway !

> A 150% efficent antenna radiates half again as much power as it's fed.
ANSWER: Again, impossible at this time, maybe in the future? Perhaps aliens know how to do that?

> Why is an inherently directional "dipole" different from a yagi in this respect?
ANSWER: A dipole has "inherently directional properties", perhaps given it by its creator? God? The laws of physics? Aliens? Well, it just has them! And, you ask, why are they different than a yagi's? Geezh, does a darn dipole even look like a darn yagi? I mean, come on, give me some room here! Ok, let me give you a clue, there is more metal and dielectric material in the yagi, that is why! <grin>

I think the top, very top efficiency of a silver plated-glass insulated antenna in earths atmosphere, and with ample surface area to less "skin effect" (probably space too, but there is moisture/oxygen/nitrogen/carbon dioxide/etc. factor to atmosphere) is ~98%. When we finally understand the ether's relationship to an antenna, it would NOT surprise me if we can bring that close to 99.99999999999999, not a great improvement--but hey, it gives me something to think about.

Regards,
JS

3281. Re: CW IS ham radio. bullshit

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 04:43:45 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <45725601$0$1018$39cecf19@news.twtelecom.net>
Source record: 48655
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

David G. Nagel wrote:
> Slow Code wrote:
>
>> "M Peraaho" <mperaaho@northlc.com> wrote in
>> news:ooGdnXRWMMHZJuzYnZ2dnUVZ_oednZ2d@trueband.net:
>>
>>> The Indians use to communicate with smoke signals. Learning smoke
>>> signals should be mandatory. This would separate the men from the boys.
>>> Smoke signals are not dependent on electricity. You can use a match or
>>> rub two sticks together. This is the only reliable way of passing
>>> messages when all else fails.
>>
>>
>>
>>
>> Dear MP,
>>
>> Please pull your friggen head out of your ass and use your brain for
>> once.
>>
>> Smoke signals are a line of sight form of communication and you can't see
>> them at night unless the fire is extremely large, and smoke signals don't
>> work well in natural disasters like huricanes and tornados. Blind people
>> can't see them either, they can only smell the smoke.
>> CW works well all the time, unless you're too lazy or dumb to learn
>> it. In which case you'll probably want to stick to playing with your
>> matches
>> and smoke bombs.
>>
>> SC
>
>
> If you want to go slightly higher tech you could use a Heliograph. Of
> course they don't work at night either or on a cloudy day but the signal
> can be directed like a beam antenna.
>
> Dave N

These CW vs The World arguments are amusing, kind of like old
programmers claimimg BASIC is the only way to go, or old database guys
who would claim that flatfile databases are better than SQL.

tom
K0TAR

3282. Re: Classic Computer for a Ham Shack

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 04:46:56 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <V4SdnbQmHK5dy-_YnZ2dnUVZ_vqdnZ2d@bright.net>
Source record: 48656
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy

I second that! The VIC-20 is awesome (and easy to write machine
language programs for it). My first ham use for the VIC-20 was a CW
keyer program. I still have two VIC-20s and a C-64...

Scott
N0EDV

Slow Code wrote:

> "Alex" <samalex@gmail.com> wrote in
> news:1164727510.256694.183240@h54g2000cwb.googlegroups.com:
>
>
>>Hey Guys,
>>
>>I'm a new ham radio operator, but I've been working with computers for
>>most of my life. I'm now in the process of setting-up my first 'ham
>>shack', and instead of going with the latest and greatest, I hope to
>>employee several classic computers to help me along. I have quite a
>>collection in my closet I plan on pulling out, but I'd like opinions of
>>others on what they would use in such a situation.
>>
>>First, I do want to connect my radio to the computer, and many of the
>>technologies used by ham radio operators, like slow scan TV, packet
>>radio, etc, can be used on most of the classic computers in some form
>>or fashion. This I don't think I'll have a problem, no matter which
>>systemI go with.
>>
>>One of the main things I do want to do is have the computer on my home
>>network. I don't need a web browser or even a GUI interface... the
>>main thing I would really need is Telnet and FTP. I also want
>>something with a word processor and spreadsheet program -- even
>>Visicalc would be nice to use.
>>
>>And finally I want something fun.. which is the entire point of this
>>venture :) I know some older computers still have huge repositories of
>>software online, and whether it's a game or neat utility, I'd love to
>>setup a classic computer I can really use and have fun with while in my
>>'ham shack'.
>>
>>Here's a list of computers I have around me now:
>>Tandy Color Computer 2
>>Tandy Color Computer 3 (128K model)
>>Commodore Amiga 500

>>Apple II (original, not PLUS)
>>Mac Classic
>>
>>And though I don't currently own one, I'm looking at getting a
>>Commodore 128 as well, either from a friend of possibly from ebay.
>>
>>Anyway, just curious what others would choose if you had to pick a
>>computer or even a couple of older computers to use again. Also if
>>there's any ham operators out there with experience with older systems,
>>I'd love some feedback!
>>
>>Take care, and thanks in advance for any ideas.
>>
>>Alex
>
>
>
> Hi Alex, You sound like a brand new no-code Tech. Welcome to ham radio.
>
> All those computers you mentioned will work fine, but if you really want
> to do any serious computer work you're going to want to invest in a Vic
> 20, or a TI-99, or a Commodore 64. Power users swear by'em.
>
> SC

3283. Re: CW IS ham radio. bullshit

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 04:48:21 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <V4SdnbcmHK6Lyu_YnZ2dnUVZ_vqdnZ2d@bright.net>
Source record: 48657
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

Unless they're deaf...

Slow Code wrote:

> "M Peraaho" <mperaaho@northlc.com> wrote in
> news:ooGdnXRWMMHZJuzYnZ2dnUVZ_oednZ2d@trueband.net:
>
>

>
> CW works well all the time, unless you're too lazy or dumb to learn it.

>
> SC

3284. Re: CW IS ham radio. bullshit

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 04:49:48 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <V4SdnbYmHK7xyu_YnZ2dnUVZ_vqdnZ2d@bright.net>
Source record: 48658
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

BASIC??!!?? That sucks! Machine language is where it's at! :)

Scott
N0EDV

Tom Ring wrote:

> David G. Nagel wrote:
>
>> Slow Code wrote:
>>
>>> "M Peraaho" <mperaaho@northlc.com> wrote in
>>> news:ooGdnXRWMMHZJuzYnZ2dnUVZ_oednZ2d@trueband.net:
>>>
>>>> The Indians use to communicate with smoke signals. Learning smoke
>>>> signals should be mandatory. This would separate the men from the
>>>> boys.
>>>> Smoke signals are not dependent on electricity. You can use a match or
>>>> rub two sticks together. This is the only reliable way of passing
>>>> messages when all else fails.
>>>
>>>
>>>
>>>
>>>
>>> Dear MP,
>>>
>>> Please pull your friggen head out of your ass and use your brain for
>>> once.
>>>
>>> Smoke signals are a line of sight form of communication and you can't
>>> see
>>> them at night unless the fire is extremely large, and smoke signals
>>> don't
>>> work well in natural disasters like huricanes and tornados. Blind people
>>> can't see them either, they can only smell the smoke. CW works well
>>> all the time, unless you're too lazy or dumb to learn it. In which
>>> case you'll probably want to stick to playing with your matches
>>> and smoke bombs.
>>>
>>> SC
>>
>>
>>

>> If you want to go slightly higher tech you could use a Heliograph. Of
>> course they don't work at night either or on a cloudy day but the
>> signal can be directed like a beam antenna.
>>
>> Dave N
>
>
> These CW vs The World arguments are amusing, kind of like old
> programmers claimimg BASIC is the only way to go, or old database guys
> who would claim that flatfile databases are better than SQL.
>
> tom
> K0TAR

3285. Re: CW IS ham radio. bullshit

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 05:13:29 UTC
From: Mark@kb9rqz.aprs
Message-ID: <f7n4n29t4tue7grolmnk1nrscmar195rr0@4ax.com>
Source record: 48659
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

On Sun, 03 Dec 2006 04:48:21 +0000, Scott <acepilot@bloomer.net>
wrote:

>Unless they're deaf...
or worse dyslexic
>
>
>
>Slow Code wrote:
>
>> "M Peraaho" <mperaaho@northlc.com> wrote in
>> news:ooGdnXRWMMHZJuzYnZ2dnUVZ_oednZ2d@trueband.net:
>>
>>
>
>>
>> CW works well all the time, unless you're too lazy or dumb to learn it.
>
>>
>> SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3286. Re: Dipole with inherent directional capabilities?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 05:36:05 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ektnmkghp1@aioe.org>
Source record: 48660

John Smith wrote:
> n3ox.dan@gmail.com wrote:
>> Art,
>> ...
> JS

Oh yeah. That ~98% figure, that took for granted the antenna conductors were chilled at or very near superconducting temps. or, the conductors were constructed of a "yet to be developed" superconducting material. But, certainly, you picked up that, that was implied from my previous text.

In fact, the skin effect is a phenomenon which could consume a whole book to itself. I mean, why rf chooses to only travel the surface of metal conductors? (why would the surface of metal offer less resistance than the atoms of the metal inner most? Indeed, if you make the inner material of silver and the other covering of a conductor of iron, it still attempts to favor the iron!) Almost leading one to believe it (rf) is attempting to "leap to the superconducting ether", but then, I dream a lot ...

Regards,
JS

3287. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 06:11:00 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <STtch.9706$f8.4921@bignews7.bellsouth.net>
Source record: 48661

"art" <aunwin@insightbb.com> wrote in message
news:1165111368.150344.208770@j44g2000cwa.googlegroups.com...
> >From a theoretical way of getting at the answer it seems
> a logical way of proceding. So now to the rest of the task.1 how do we
> determine volumes that you talk about that are a result of deflection 2
> How do we determine
> radiation that was cancelled or neutralised and 3 How do you determine
> the radiation volume created by ground reflection so we can work back
> to search for ground losses. That last one really bothers me as I have
> never got a good handle on the contribution of ground reflection to any
> particular part of the radiation envelope.
>
> Art
>
>
>
> Denny wrote:
>> For those who wish to actually learn and not just insult each other,
>> get a calculator, learn how to calculate Cosine Theta <a trivial math
>> problem that any 9th grader can be taught in 5 minutes flat>, get a BIG
>> piece of paper <reason to come>, and actually calculate the shape and
>> vector length of the lobes of a two element Yagi-Uda antenna... Do the
>> calculation in both the horizonal and vertical planes... From that you
>> can calculate the volume of each lobe, which is proportional to the
>> percentage of power in each lobe... From that number you can very
>> simply calculate what percentage went into the lobes you prefer and
>> what went in the lobes you don't prefer...
>>
>> Now, the reason for the BIG piece of paper... The antenna patterns you
>> see on the screen with EZNEC, or in the antenna handbooks, are
>> logarithmic, not linear <and there are flavors to them, ARRL, linear
>> logarithmic, modified logarithmic>... So, the patterns are
>> distorted... Why is that? Because if they were linear and the front
>> lobe and the rear lobe are to the same scale the front lobe will take
>> up the entire length of the screen/paper and the rear lobe will need a
>> magnifying glass to be seen... A rear lobe that is 20dB down from the
>> front lobe is down by the power ratio of 100... So, if your forward
>> lobe calculates out to be 10 inches long, the rear lobe will be be 1/10
>> of an inch.... I'll let you figure out the size of a lobe that is 30dB
>> down (get out your microscope)
>>
>> For those who want to review do a search on Joseph Reisert, who has
>> published numerous writings on antennas and patterns... There many are
>> others also, but Joe is published on the web, and very readable...

>>
>> cheers ... denny / k8do
>
The radiation IS NOT cancelled or Neutralized. You need to learn more about what is going on with an antenna. I suggest you do some serious reading, actually reading with an open mind and not reading trying to find little phrases that seem to you to prove your beliefs. It should be fairly obvious that if an antenna worked by neutralization or cancelation that it would take more energy to cancel out radiation in the undesired direction of a yagi than is available in the desired direction. Therefore a Yagi or any other antenna does not work by cancellation.

I gues I could express this a lot better but its late and whats the use.

3288. Re: Dipole with inherent directional capabilities?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 06:16:38 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1165126598.381844.106620@79g2000cws.googlegroups.com>
Source record: 48662

John,

Obviously you can have neither a 100% efficent antenna nor a 150%
efficient antenna. That doesn't change the definition of efficiency.
That was my point. It doesn't matter if you're talking about possible
or impossible antennas, efficiency is power out divided by power in.

Also, yes, a dipole has directional characteristics, but it would seem
that Art is talking about something more directional than a dipole that
is not a multielement array, and he asks us to imagine a dipole with
inherent directional capabilities

This suggests that it doesn't have the familar dipole directionality,
but something else.

What is that something else? How does it bear upon efficiency?

Dan

3289. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 06:20:20 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <C0uch.9709$f8.9167@bignews7.bellsouth.net>
Source record: 48663

"art" <aunwin@insightbb.com> wrote in message
news:1165079106.476070.48740@80g2000cwy.googlegroups.com...
> Hi Jerry sorry that I didn't respond to you earlier but here goes
> untuned elements which haveWhen you decide to get something going you
> need a means to get there.
> When you decide on the means you need to know if you are expending the
> minimum energy to get there
> In this particular case we have decided on generating a time varying
> field around some reradiatiung elements to obtain a radiating field of
> some sort Since we are applying energy
> to elements we want to know if the elements are doing a good job or are
> they losing out on energy translation by generating heat e.t.c instead
> of it all going where I want it to. So what we do is find out what
> energy we put in to obtain our objective and measure what we got out
> towards our objective to see how effective we were which is a measure
> of efficiency... Ideally we dont want to produce heat and all that
> other stuff but the anteena array that we have chosen to do this is a
> yagi array of elements which starts of with a resonant dipole which has
> a purely resistive impedance. But the yagi then goes on to upset things
> by adding which have a reactive impedance which detracts from the purly
> resistive value of the impedance which means losses when we should have
> added extra resonant elements to the set up as a means of adding to the
> structure to maintain zero losses BUT the yagi does go a long way
> towards our objectives so it has hung around for a long while. As a
> side issue
> we should also consider the environment that our array is working in
> and also the type of element material we are using as well as the means
> taken to input power but that gets more complicated so the question is
> really revolving around the energy input versus a magnetic near field
> generation that goes on to form a far field radiation field.
> SOOOOOOOooooo
> efficiency in this case compares the electrical power applied to the
> yagi to generate a magnetic and electric fieldaround the yagi and to
> check how much energy was lost on the way to our objective. Sorry for
> the delay but fortunately I did check back in before I moved on to
> other things
> Regards
> Art
>
>
>
>
>
> Jerry Martes wrote:

>> Hi Art
>>
>> You know, I am really a slow learner. I still dont understand how
>> efficiency is defined. Can you try again to teach me how efficiency is
>> defined??
>>
>> Thanks
>> Jerry
>>
>>
>>
>> "art" <aunwin@insightbb.com> wrote in message
>> news:1165031258.705399.218220@79g2000cws.googlegroups.com...
>> > Hi Jerry perhaps I am wrong that there ARE people who want to talk
>> > antennas
>> > We went thru this some time ago and I was referring to efficiency of
>> > the yagi antenna
>> > with respect to the radiation field where much is reflected to areas of
>> > no concern.
>> > Others did not like this and said efficiency referred to is one of the
>> > radiation facets of a radiating array and the yagi is efficient and
>> > then the sniping statrted and the newsgroup went down hill as others
>> > joined to emulate and perpetuate abrasive non antenna related
>> > subjects. I just popped back to see if the group wanted to change back
>> > to antenna talk
>> > and posted the term efficiency of the yagi in terms of radiation which
>> > everybody was
>> > auguing about. Well things haven't changed they still just want to
>> > throw stones and more will join in as the thread goes on., Ill stick it
>> > out for an hour or so and then move on again.
>> > Cant wait for somebody to compare with free space stuff to add to the
>> > confusion, I know it will come
>> >
>> >
>> >
>> >
>> > Jerry Martes wrote:
>> >> "art" <aunwin@insightbb.com> wrote in message
>> >> news:1165026591.431588.248540@80g2000cwy.googlegroups.com...
>> >> > Some time ago I mentioned how inefficient Yagi design
>> >> > antennas were thinking more in the way of how little of
>> >> > the radiation used got to its required direction.
>> >> > At that time people said the antenna was efficient though
>> >> > they wanted to talk about
>> >> > actual radiation efficiency and the sniping began
>> >> > .Nobody but nobody came back with the radiation
>> >> > efficiency of a Yagi as they saw the question, they
>> >> > just wanted to throw stones.Imagine that antennas
>> >> > was not what the experts wanted to talk about and
>> >> > the newsgroup took a turn for the worst

>> >> > So I join in with the thoughts of radiation efficiency
>> >> > of a yagi unless you prefere to give up this antenna
>> >> > newsgroup. But before you scream out and throw
>> >> > stones again I will referr to efficiency as most of the
>> >> > members of this group what's left of them think of the term.
>> >> > So let's look at that if that is what you preferr..
>> >> >
>> >> > The basic small yagi has three elements one driven,
>> >> > one a reflector and one a director yet only one
>> >> > element has a truly resistive impedance whereas
>> >> > the other two do not. Since two elements out of the
>> >> > three are producing reactive impedances and wherein
>> >> > the reactive portions of impedance is pure waste
>> >> > pray tell me how one can consider a yagi as efficient?
>> >> > And please, please don't waste time on "I don't understand"
>> >> > otherwise everything drops down to the subject of spark noise
>> >> > which was really decided by hams a long while ago.
>> >> > On the other side of the coin, if the reactive portion of an
>> >> > impedance is not waste then why is LCR
>> >> > type mesh circuitry only revolve around lumped circuitry?
>> >> > HINT add up the power emminating from each element
>> >> > P =I sq times real resistance for those who are just followers.
>> >> >
>> >> > There again maybe it is best that you be honest and say
>> >> > you don't understand! Better that than join those who have
>> >> > nothing to say about antennas!
>> >>
>> >>
>> >> Hi Art
>> >>
>> >> OK, I dont understand. Perhaps I could begin to understand if I
>> >> was
>> >> given the definition of efficiency we are using in this discussion.
>> >> How
>> >> do
>> >> you define efficiency?
>> >>
>> >> Jerry
>> >
>

At resonance it is the antenna as a whole that is resistive not just the
driven element.

3290. Re: Dipole with inherent directional capabilities?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 06:32:03 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ektqvf$o02$1@aioe.org>
Source record: 48664

n3ox.dan@gmail.com wrote:
> John,
>
> Obviously you can have neither a 100% efficent antenna nor a 150%
> efficient antenna. That doesn't change the definition of efficiency.
> That was my point. It doesn't matter if you're talking about possible
> or impossible antennas, efficiency is power out divided by power in.
>
> Also, yes, a dipole has directional characteristics, but it would seem
> that Art is talking about something more directional than a dipole that
> is not a multielement array, and he asks us to imagine a dipole with
> inherent directional capabilities
>
> This suggests that it doesn't have the familar dipole directionality,
> but something else.
>
> What is that something else? How does it bear upon efficiency?
>
> Dan
>

Interesting, I may not see what you say so quickly there, it has been a
full day here, but, expect a reply after I have given that some thought ...

Thanks,
JS

3291. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 06:40:35 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <Mkuch.9715$f8.6697@bignews7.bellsouth.net>
Source record: 48665

"art" <aunwin@insightbb.com> wrote in message
news:1165110421.419586.159990@l12g2000cwl.googlegroups.com...
> Help me help me please , a detuned element has a reactive impedance
> value, simple fact.
> Now with your superior knowledge and education show not just me but all
> of us how the production of a reactive impedance does not or cannot
> impede the formation of emmited flux? I dont want just comments or
> guesses just an explanation of your position which aligns with the laws
> of Kirchoff, Ampere, Green ,Laplace etc as a group or as single people
> to give your response some credability . Cecil has given you a starting
> point as to what exactly reactance is so the rest should be easy for
> you considering how easily you can dismiss my logic and education
> regarding the Yagi antenna. Bill I cant wait to hear the mutterings of
> a master of your station, a chance to learn something really new, maybe
> not even written in a book Go man go! Well I know you can't.... but I
> am just demonstrating that if you want to snipe then others will be
> encouraged to snipe and it is not nice. Knoweledge is what I am after
> not errent gun shots
>
>
>
> Bill Turner wrote:
>> ORIGINAL MESSAGE:
>>
>> On 1 Dec 2006 18:29:51 -0800, "art" <aunwin@insightbb.com> wrote:
>>
>>
>> >Since two elements out of the
>> > three are producing reactive impedances and wherein
>> > the reactive portions of impedance is pure waste
>> > pray tell me how one can consider a yagi as efficient?
>>
>> ------------ REPLY FOLLOWS ------------
>>
>> Please let us know what electronics school you attended so we can
>> avoid it like the plague and, if at all possible, have it
>> de-certified.
>>
>> Thanks,
>>
>> Bill, W6WRT
>
I have a better idea Art, since you are the ones making the claims why dont
you use these references to show your claims are correct. Subject yourself

to the same terms as you expect of others. Must of us have better things to do than convince a green wall it is really green and not blue.

3292. Re: Ever hear an operator on the bands that you'd just like to slap the shit out of?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 10:05:51 UTC
From: N7ZZT - Eric Oyen <n7zzt@127.0.0.1>
Message-ID: <2320269.TxDrq9aXQa@www.usenetzone.com>
Source record: 48666
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.swap

Slow Code wrote:

> If the CW requirement is eliminated, there's going to be a lot more of
> them on the bands.
>
> SC

better learn how to filter man. otherwise, you are going to be in a lot of peoples faces and involved in more than one dance with the law.

3293. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 11:23:25 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <sfmdnXY6c6cwLu_YnZ2dnUVZ_hmdnZ2d@comcast.com>
Source record: 48667

art wrote:

> David are you going nuts? I used the word impedance whichcan mean two
> components only one of which is used for power.

No! You used the phrase "reactive impedance".

That is significantly different from "Complex Impedance"!

XL [2*Pi*f*L] is a reactive impedance, not a complex impedance!

XC [1/(2*Pi*f*C)] is a reactive impedance, not a complex impedance.

R[Rr + Rloss] + j[XL] is a complex impedance.

I still say you're using technical definitions that do not conform to the
standard definitions.

3294. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 13:05:58 UTC
From: Richard Fry <rfry@adams.net>
Message-ID: <ekui3q$2iv8$1@news.ndhu.edu.tw>
Source record: 48668

"art" <aunwin@insightbb.com> wrote in message
> Really Cecil I am trying to get people to think
> about elements containing inherranr directional properties so that
> uneeded radiation is harnessesd for useful purposes but they are
> shutting their ears.

Art,

The dipole elements (of all lengths) in a Yagi _do_ have their own directional properties, and generate their own radiation patterns -- the fields of which add/subtract in space as a function of their relative magnitudes and phases to produce a net field that varies around the radiation sphere centered on the antenna.

From reading between the lines, maybe you are relating antenna efficiency to the free-space field strength that the antenna produces at a given distance and direction in the far field when a given amount of r-f power is applied to its input terminals, compared to the field produced for the same conditions by a reference radiator such as a 1/2-wave dipole, or an isotropic source.

For this definition it is reasonable to expect that both the test and the reference antenna have negligible conductor and dielectric loss, and that they both present a return loss of 30 dB or better to the transmission line leading to the transmitter. All of that is practical to achieve. Also note under these conditions that a return loss of 30 dB means that 99.9% of the power applied to the antenna is radiated (somewhere), so if that is the meaning of antenna efficiency, it is high indeed.

By this definition, the efficiency of a Yagi in its direction of maximum field is very high, and does not indicate that sub-optimal choices were made for its mechnical layout. In fact, the inventors of this antenna and many others have spent much time and effort with physical and electrical models of the Yagi to optimize its patterns and gains. The result of all that finds that the director(s) should be shorter than the driven element, that the reflector should be longer, and that using more than one reflector has minimal effect. That is the "bottom line," and speculation to the contrary won't change it.

Using this Yagi design and this definition of efficiency, a standard, 6-element Yagi has a main lobe peak efficiency of about 250% compared to a 1/2-wave dipole, and 316% compared to an isotropic radiator, which correspond to radiated power ratios of about 610% and 1,000%, respectively.

IEEE Standard 145-1983 gives the standard definitions of terms for antennas (gain, directivity, efficiency etc).

RF

3295. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 13:24:34 UTC
From: Dave <noone@nowhere.com>
Message-ID: <RvudnS_gIYyJTe_YnZ2dnUVZ_uKdnZ2d@crocker.com>
Source record: 48669

"Richard Fry" <rfry@adams.net> wrote in message
news:ekui3q$2iv8$1@news.ndhu.edu.tw...
> "art" <aunwin@insightbb.com> wrote in message
>> Really Cecil I am trying to get people to think
>> about elements containing inherranr directional properties so that
>> uneeded radiation is harnessesd for useful purposes but they are
>> shutting their ears.

every thing that radiates has 'inherent directional properties'. it is
those properties that software like nec models. adding up all the
contributions of lots of little tiny pieces of radiating current is what
goes into designing all sorts of antennas, including yagis. there is no
magic wire that is going to get more power on target, no strange property
that is going to give you super gain, and no way to get rid of all the
'uneeded radiation'. There will always be some losses, power going where
you don't want it to, etc... believe me, many phd's have made their life
studies of reducing that last little bit of radiation off the side or back,
and the conclusion is??? you can't do it. there are many volumes on how to
reduce it in different cases, lots of spectacular designs that are totally
impractical for ham use, and some super applications of standard techniques
for things like the deep space network and radio astronomy.. but there is no
magic in a wire, no matter how you bend it or where you stick it.

3296. Re: FM Transmitter for CD Players?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 13:36:55 UTC
From: "W. Watson" <wolf_tracks@invalid.com>
Message-ID: <XpAch.6122$ql2.3415@newsread3.news.pas.earthlink.net>
Source record: 48670

Well, the unit arrived Saturday and I tried it out. This must be a city version where people are crowded together. It's range is 30-75'. I need it about 30' away from where I'll receive the final signal. Generally, I can hear it, but have to do some fussing with the FM rcvr. Well, I'm not done with the testing yet. They suggest putting it up high and/or putting a piece of metal sheet under the xmitter. I had hoped for a xmission range of 100' or more to get the signal to an out building. Maybe they have a 'country' version. Yikes.

Wayne T. Watson (Watson Adventures, Prop., Nevada City, CA)
(121.015 Deg. W, 39.262 Deg. N) GMT-8 hr std. time)
Obz Site: 39ï¿½ 15' 7" N, 121ï¿½ 2' 32" W, 2700 feet
--
"I have made this letter [e-mail] a rather long one, only
because I didn't have the lesiure to make it shorter."
-- Blaise Pascal
Web Page: <home.earthlink.net/~mtnviews>

3297. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 13:44:00 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1165153440.471278.326990@n67g2000cwd.googlegroups.com>
Source record: 48671

As soon as you explain what you mean by "efficiency" I can answer that in detail..

What do you mean by efficiency? Is efficiency 100% of applied power being in the forward lobe and 0% in sidelobes or rear lobes? If so, better get a new hobby because it ain't gonna happen... Can't happen due to the laws of physics... For discussion I'm going to assume that this is your goal... Let's go up a bit in frequency where the antennas are small and easy to work with... Telescopes... The only difference between blue light and 20 meters is the frequency...

Now those telescopes are some really high gain antennas.. So, here we have this super, duper, high gain antenna (I don't know what the gain in DBI is, but it is huge, man, huge)... And we point it at a really faint signal, say the star Rigel - which is an Isotropic radiator - a point source... And we adjust the resonance (focus) for the best possible signal we can get... We put a slit on the telescope and scan across that signal and <gasp> it has side lobes! Not all the power <luminence> is in the main lobe... Mathematically there will always be side lobes off the main lobe... By reciprocity, it is impossible to focus a point souce of light down to a point... The center brilliance will be sorrounded by circles of confusion <lobes>... Like wise it is impossible to build an antenna that has a response that is only a single main lobe and no side lobes...

'Now, we can build arrays of antennas that enhance the main lobe and diminish the side and rear lobes through pattern multiplication, and we can get those unwanted lobes down to a few thousandths of the power in the main lobe... One way is a broadside array of six of a dozen, or so, more point sources with half wave spacing and fed in Quadrature, or other current variations... Krause's book has a good set of patterns and explanation of this method of synthesizing an antenna that is very "efficient"... <efficiency being defined as I 'assumed' above>... However, these antennas are not efficient in terms of time, labor, size, cost, and complexity...

So, to reiterate, go to Reisert, and Krause, and Terman, et. al. to find your magically 'efficient' antenna...

denny / k8do

btw, a thought just caught me... W8JI on his web site has a great table of antenna 'efficiency' in low noise receiving antennas... Maybe this is what you mean... GO look it up..

3298. Zero Sidelobe Antenna Design

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 13:49:44 UTC
From: Richard Fry <rfry@adams.net>
Message-ID: <ekukls$2mnl$1@news.ndhu.edu.tw>
Source record: 48672

"Dave" wrote in Art's Yagi thread:
>... believe me, many phd's have made their life studies of reducing
> that last little bit of radiation off the side or back, and the conclusion
> is??? you can't do it.

Just to note that an inline array of radiators spaced 1/2 wavelength apart and fed with equal phase, but binomial power distribution produces a radiation pattern with zero sidelobes, and an infinite front-back ratio. These designs are shown in chapter 5 of Kraus' "Antennas for All Applications," 3rd edition.

Such antenna arrays have been marketed by FM broadcast antenna OEMs to reduce the power density (radhaz levels) on the ground around towers with high power FM systems on them.

RF

3299. Re: Dipole with inherent directional capabilities?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 13:50:50 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1165153850.661666.15620@80g2000cwy.googlegroups.com>
Source record: 48673

If I had seen this thread I wouldn't have wasted the time I spent just
making a post on 'efficiency.'..
Look guys... Antennas are not magic wands... They are well understood
EM entities, mathematically described by Maxwell and others in
equations, and subject to the laws of physics... When you guys get
tired of discussing the dark side of the force, check back in...

denny / k8do

3300. Re: Zero Sidelobe Antenna Design

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 13:59:15 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1165154355.127223.240170@l12g2000cwl.googlegroups.com>
Source record: 48674

Read the chaper again... That is an inline array of point sources... A different kettle of fish from an inline array of real, physical antennas... Now, you may approximate this stellar performance by going to very short radiators with capacity hats on the ends, etc. so that the current distribution across the radiator approximates linear, but the price you pay in matching the source and feed line to these near point radiators ought to keep you busy until you meet the requirements for social security... These are not what I would consider efficient antenna arrays...

> Such antenna arrays have been marketed by FM broadcast antenna OEMs to
> reduce the power density (radhaz levels) on the ground around towers with
> high power FM systems on them.

Gosh, I don't see CushCraft offering any such arrays for 80 meters - I sure could use one!!!

denny / k8do

3301. Re: Zero Sidelobe Antenna Design

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 14:14:48 UTC
From: Richard Fry <rfry@adams.net>
Message-ID: <ekum4s$2p01$1@news.ndhu.edu.tw>
Source record: 48675

"Denny" <k8do@mailblocks.com> wrote in message
> Read the chaper again... That is an inline array of point sources...
> A different kettle of fish from an inline array of real, physical
> antennas...

The example in Kraus showed isotropic radiators, but the same zero sidelobe, infinite F/B descriptors for the array pattern apply for any pattern shape generated by the individual radiators, as long as they are the same.

The FM broadcast antennas I referred to use standard FM c-pol elements fed as I described, and have these characteristics -- except for re-radiation by the tower.

Set up a simple NEC model using dipoles, and check for yourself.

Or you can look at mine in paper 10 at http://rfry.org

RF

3302. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 15:04:15 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <PHBch.233$Qa7.148@trnddc03>
Source record: 48576

"Denny" <k8do@mailblocks.com> wrote in message
news:1165153440.471278.326990@n67g2000cwd.googlegroups.com...
> As soon as you explain what you mean by "efficiency" I can answer that
> in detail..
>
> What do you mean by efficiency? Is efficiency 100% of applied power
> being in the forward lobe and 0% in sidelobes or rear lobes? If so,
> better get a new hobby because it ain't gonna happen... Can't happen
> due to the laws of physics... For discussion I'm going to assume that
> this is your goal... Let's go up a bit in frequency where the antennas
> are small and easy to work with... Telescopes... The only difference
> between blue light and 20 meters is the frequency...
>
> Now those telescopes are some really high gain antennas.. So, here we
> have this super, duper, high gain antenna (I don't know what the gain
> in DBI is, but it is huge, man, huge)... And we point it at a really
> faint signal, say the star Rigel - which is an Isotropic radiator - a
> point source... And we adjust the resonance (focus) for the best
> possible signal we can get... We put a slit on the telescope and scan
> across that signal and <gasp> it has side lobes! Not all the power
> <luminence> is in the main lobe... Mathematically there will always be
> side lobes off the main lobe... By reciprocity, it is impossible to
> focus a point souce of light down to a point... The center brilliance
> will be sorrounded by circles of confusion <lobes>... Like wise it is
> impossible to build an antenna that has a response that is only a
> single main lobe and no side lobes...
>
> 'Now, we can build arrays of antennas that enhance the main lobe and
> diminish the side and rear lobes through pattern multiplication, and we
> can get those unwanted lobes down to a few thousandths of the power in
> the main lobe... One way is a broadside array of six of a dozen, or so,
> more point sources with half wave spacing and fed in Quadrature, or
> other current variations... Krause's book has a good set of patterns
> and explanation of this method of synthesizing an antenna that is very
> "efficient"... <efficiency being defined as I 'assumed' above>...
> However, these antennas are not efficient in terms of time, labor,
> size, cost, and complexity...
>
> So, to reiterate, go to Reisert, and Krause, and Terman, et. al. to
> find your magically 'efficient' antenna...
>
> denny / k8do
>
> btw, a thought just caught me... W8JI on his web site has a great table

> of antenna 'efficiency' in low noise receiving antennas... Maybe this
> is what you mean... GO look it up..

Hi Denny

You seemed to have missed the point completely. Maybe your news reader didnt supply you with the original post where Art refers to Efficiency of a Yagi as being low.
Art finally agreed that the efficiency he refers to with his Yagi is the Power IN divided by Power Out kind of efficiency. Since I consider the statement that the Yagi antenna is I squared R lossy to be entirely erroneous, I realized that I had no place in such a frivilous discussion. Now I find it difficult to understand why you want to write so extensively about telescopes, and broadside arrays, and sidelobes when we are considering Efficiency. You may want to refer to Apperature Efficiency, but, you are doing a poor job of it.

Whats with you Denny??? Why do you think of yourself as so superior that you raise your voice at me telling me to "GO look it up".

Jerry
>

3303. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 15:06:19 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <LJBch.868$hI.58@newssvr11.news.prodigy.net>
Source record: 48577

art wrote:
> Even Cecil who I suggest with his extra deep physics
> education gets mocked sometimes ...

Art, I'm flattered but it is wrong. I have a B.S.
degree in EE from Texas A&M and Masters work in
education from Sam Houston State. I took Balanis'
antenna course at ASU and he and I worked together
on GSM simulations because my real field of expertise
is digital electronics. What I am mocked for is
thinking outside the box, e.g. that the distributed
network model allows RF energy to be tracked through
an antenna system.
--
73, Cecil http://www.w5dxp.com

3304. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 15:19:24 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <0WBch.873$hl.327@newssvr11.news.prodigy.net>
Source record: 48578

John Smith wrote:
> Cecil Moore wrote:
>> Actually Art, adding reactance reduces the current in
>> the element thus *decreasing* losses below what a resonant
>> passive element would have. Pure reactance is lossless.
>
> On the surface, this is all very correct, however, you cannot induce
> reactance without inducing some value (albeit it may, or may not, be
> trivial) of pure resistance (ohmic dc), barring the use of
> superconducting material, of course.

I assume you are saying that lengthening a passive
element increases the ohmic losses? Then wouldn't
shortening a passive element, to induce capacitive
reactance, decrease the ohmic losses? And in either
case, since reactance reduces the induced current
and since ohmic losses are proportional to the square
of the current while only being proportional to the
first power of resistance, wouldn't that still
decrease ohmic losses?

Can people who live by the trivial sword, also
trip and fall on that same trivial sword? :-)
--
73, Cecil http://www.w5dxp.com

3305. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 15:50:06 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <OmCch.882$hI.352@newssvr11.news.prodigy.net>
Source record: 48579

Dave wrote:
> Cecil Moore wrote:
>
>> Dave wrote:
>>> All other "definitions" are red herrings and do not contribute to the
>>> answer.
>>
>> Not if the question is: What is beam efficiency? :-)
>
> ABSOLUTELY NOT!!!!

From "Antennas For All Applications", 3rd edition by
John D. Kraus and Ronald J. Marhefka, page 665:

"Turning now to the *beam efficiency E(m)*, or the
ratio of the solid angle of the main beam Omega(m)
to the total beam solid angle Omega(a), we have ..."

All emphasis is the book author's, not w5dxp's.

From "Antenna Theory, Analysis and Design", 2nd edition,
by Constantin A. Balanis, page 63:

begin quote:
2.10 BEAM EFFICIENCY

Another parameter that is frequently used to judge the
quality of transmitting and receiving antennas is the
beam efficiency. For an antenna with its major lobe
directed along the z-axis (Theta = 0), as shown in
Figure 2.4(a), the beam efficiency (BE) is defined by

power transmitted(received) within cone angle Theta(1)
BE = --
power transmitted(received) by the antenna

end quote:

In trying to figure out what definition Art is using,
this definition seems to me to be the closest.
--
73, Cecil http://www.w5dxp.com

3306. two stacked yagis vs one long yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 15:54:37 UTC
From: N4aeq <tucker@conninc.com>
Message-ID: <1165161277.556098.152350@79g2000cws.googlegroups.com>
Source record: 48580

First off if size is no problem then what would be the advantage to two stacked yagis opposed to one long yagi, considering the gain of each setup would be equal?

3307. Re: two stacked yagis vs one long yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 16:02:50 UTC
From: Dave <noone@nowhere.com>
Message-ID: <y5-dnaUybeCxaO_YnZ2dnUVZ_omdnZ2d@crocker.com>
Source record: 48581

the gain probably wouldn't be the same... but the advantage of stacked yagis
is that you can fill in the gaps in the vertical takeoff angles that a
single yagi has with the 2nd, (or 3rd, or 4th) in the stack.

"N4aeq" <tucker@conninc.com> wrote in message
news:1165161277.556098.152350@79g2000cws.googlegroups.com...
> First off if size is no problem then what would be the advantage to
> two stacked yagis opposed to one long yagi, considering the gain of
> each setup would be equal?
>

3308. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 16:03:26 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <izCch.885$hl.492@newssvr11.news.prodigy.net>
Source record: 48582

> Remember only R is of consideration for the addition of power from each
> element which provides flux unless you can quantasize reaction for me
> as producing the emmision of flux other than a indication of the
> direction it takes .

I assume you are talking about radiation resistance.
There are other R's that cause loss of desired radiation
including conduction-dielectric losses. Some signal
is lost to the ground after being radiated.

Assuming that your definition of efficiency includes
beam efficiency, I would suggest taking an optimized
two-element Yagi into EZNEC and determining the maximum
gain. Then replace the reflector by an element identical
to the driven element including the source signal. Using
the same amount of total driving power, if you can come
up with a gain superior to the Yagi, would that prove
the point you are trying to make?
--
73, Cecil http://www.w5dxp.com

3309. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 16:22:36 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <gRCch.891$hI.220@newssvr11.news.prodigy.net>
Source record: 48583

Jimmie D wrote:
> The radiation IS NOT cancelled ...

Doesn't the performance of non-reflecting glass
depend upon EM wave cancellation? Doesn't the
gain of a beam depend upon EM wave cancellation
in some other direction?
--
73, Cecil http://www.w5dxp.com

3310. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 16:34:10 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <60Dch.895$hI.110@newssvr11.news.prodigy.net>
Source record: 48585

Dave wrote:
> art wrote:
>> David are you going nuts? I used the word impedance whichcan mean two
>> components only one of which is used for power.
>
> No! You used the phrase "reactive impedance".

It was more than likely an inclusive statement, not an
exclusive one. I suspect Art meant, "a reactive impedance
term value" when he said "a reactive impedance value".
--
73, Cecil http://www.w5dxp.com

3311. Re: CW IS ham radio. bullshit

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 16:41:17 UTC
From: John Doe <hgorden@adelphia.net>
Message-ID: <xJGdnTeFiKYyYe_YnZ2dnUVZ_tCdnZ2d@adelphia.com>
Source record: 48584
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

In a lot of areas - the FIRE DEPTS. don't approve of OPEN BURNINGS - so
I guess that means that you would have to get the local fire depts. blessing
prior to your disaster to use smoke!

Reference to the subject - if one did not want to use pure CW (if there
is a mental or physical block from learning it) - there are other digital
signals that could be used, i.e.:PSK31, etc.

Other line of site communications could be - focused white light beams,
Lasers, flags, etc.

I think the real issue is that you and some of your friends are just
plain against CW, (and you want to turn everybody else in that same
direction), you don't use it, you don't want to learn it, etc. If that is
the case, then why don't you just drop it - QUIT NAGGING LIKE AN OLD LADY -
and go onto some other subject or project?
73's

<snip>

3312. Re: Dipole with inherent directional capabilities?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 16:41:46 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1165164106.405578.130700@l12g2000cwl.googlegroups.com>
Source record: 48586

"Look guys... Antennas are not magic wands"

Denny, I know that. I was hoping to do a little devil's advocate thing here but newsgroups aren't the place for subtlety. Useful, anyway... I'd rather have threads with antenna nonsense than threads with the other nonsense that's been overwhelming this NG.

Should have put it in the other thread, sorry.

Dan

3313. Re: Classic Computer for a Ham Shack

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 16:48:14 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12n5vug58gbrg57@corp.supernews.com>
Source record: 48587
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy

What you really need is an Altair.

Dave N

Scott wrote:
> I second that! The VIC-20 is awesome (and easy to write machine
> language programs for it). My first ham use for the VIC-20 was a CW
> keyer program. I still have two VIC-20s and a C-64...
>
> Scott
> N0EDV
>
> Slow Code wrote:
>
>> "Alex" <samalex@gmail.com> wrote in
>> news:1164727510.256694.183240@h54g2000cwb.googlegroups.com:
>>
>>> Hey Guys,
>>>
>>> I'm a new ham radio operator, but I've been working with computers for
>>> most of my life. I'm now in the process of setting-up my first 'ham
>>> shack', and instead of going with the latest and greatest, I hope to
>>> employee several classic computers to help me along. I have quite a
>>> collection in my closet I plan on pulling out, but I'd like opinions of
>>> others on what they would use in such a situation.
>>>
>>> First, I do want to connect my radio to the computer, and many of the
>>> technologies used by ham radio operators, like slow scan TV, packet
>>> radio, etc, can be used on most of the classic computers in some form
>>> or fashion. This I don't think I'll have a problem, no matter which
>>> systemI go with.
>>>
>>> One of the main things I do want to do is have the computer on my home
>>> network. I don't need a web browser or even a GUI interface... the
>>> main thing I would really need is Telnet and FTP. I also want
>>> something with a word processor and spreadsheet program -- even
>>> Visicalc would be nice to use.
>>>
>>> And finally I want something fun.. which is the entire point of this
>>> venture :) I know some older computers still have huge repositories of
>>> software online, and whether it's a game or neat utility, I'd love to
>>> setup a classic computer I can really use and have fun with while in my
>>> 'ham shack'.
>>>

>>> Here's a list of computers I have around me now:
>>> Tandy Color Computer 2
>>> Tandy Color Computer 3 (128K model)
>>> Commodore Amiga 500
>>> Apple II (original, not PLUS)
>>> Mac Classic
>>>
>>> And though I don't currently own one, I'm looking at getting a
>>> Commodore 128 as well, either from a friend of possibly from ebay.
>>>
>>> Anyway, just curious what others would choose if you had to pick a
>>> computer or even a couple of older computers to use again. Also if
>>> there's any ham operators out there with experience with older systems,
>>> I'd love some feedback!
>>>
>>> Take care, and thanks in advance for any ideas.
>>> Alex
>>
>>
>>
>>
>> Hi Alex, You sound like a brand new no-code Tech. Welcome to ham radio.
>> All those computers you mentioned will work fine, but if you really want
>> to do any serious computer work you're going to want to invest in a Vic
>> 20, or a TI-99, or a Commodore 64. Power users swear by'em.
>> SC

3314. Re: Guide Lines for this news group

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 17:00:08 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1165165208.082088.45350@16g2000cwy.googlegroups.com>
Source record: 48588
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy

Mark@kb9rqz.aprs wrote:
> On Sat, 2 Dec 2006 22:44:24 -0500, "A. G. Bell" <hello?@marksakook>
> wrote:
>
> >
> ><hot-ham-and-cheese@hotmail.com> wrote in message
> >news:1165116776.575952.37510@16g2000cwy.googlegroups.com...
> >>
> >> Slow Code wrote:
> >> > Danny Richardson <n_group@k6mhe.com> wrote in
> >> > news:tqh3n2h7gjtdevv66fvnmv0be7clnpf019@4ax.com:
> >> >
> >> > > On Sat, 02 Dec 2006 09:48:44 -0800, Bill Turner <noway@nowhow.com>
> >> > > wrote:
> >> > >
> >> > >>ORIGINAL MESSAGE:
> >> > >>
> >> > >>On Sat, 2 Dec 2006 08:19:07 -0800, "Caveat Lector" <CL@nowhere.com>
> >> > >> wrote:
> >> > >>
> >> > >>>Maybe this will help(a little) to get rid of the off topic posts
> >> > >>>
> >> > >>>For what this News Group is about and applicable guide lines see URL:
> >> > >>>
> >> > >>>http://www.faqs.org/faqs/radio/personal-intro/
> >> > >>>
> >> > >>>Thanks for reading
> >> > >>>73 CL
> >> > >>>
> >> > >>
> >> > >>---------- REPLY FOLLOWS ----------
> >> > >>
> >> > >>Dream on, CL. These guys already know that and they don't care. It's
> >> > >>been that way forever. It's the Curse of Usenet.
> >> > >>
> >> > >>Bill, W6WRT
> >> > >
> >> > > After years of resisting I'm ready for a moderated antenna group. I've
> >> > > used my kill filter more times in the last three months than I've ever
> >> > > done in the previous ten years.
> >> > >
> >> > > I, for one, am sick and tired of the foul-mouth off topic postings
> >> > > and, if that requires a moderated group to get rid of them it would be

> >> > > a very small price to pay.
> >> > >
> >> > > Danny,
> >> >
> >> >
> >> > I know what you mean Dan.
> >>
> >> No you don't. You're one of the foul-mouthed off-topic posters that
> >> Dan is complaining about.
> >>
> >> > With the anticipation that ham radio is going
> >> > to get dumbed down again real soon, the dumb-it-downers
> >>
> >> It got "dumbed-down" when a license was issued to you.
> >>
> >> BTW, what is your call?
> >>
> >What is YOUR call, Billy? Which part of Ohio do you live in? Cincinnati
> >maybe?
>
> BB's call is well know and esily located
>
> My and My name are at the the top of the Page
>
> your call if any and Slow Code's call are something you are rightly
> ashamed to post

I wouldn't blame him for being ashamed of it, but for what it's worth,
his call is W4NTI.

3315. Re: Classic Computer for a Ham Shack

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 17:01:54 UTC
From: pltrgyst <pltrgyst@spamlessxhost.org>
Message-ID: <1n06n2l5iote3d7qmmrllpjf999d6b1tco@4ax.com>
Source record: 48589
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy

On Sun, 03 Dec 2006 10:48:14 -0600, "David G. Nagel" <nagel@core.com> wrote:

>What you really need is an Altair.

...or an Imsai, or an Intel SDK. 8;)

-- Larry

3316. Re: Dipole with inherent directional capabilities?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 17:06:13 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <9uDch.905$hI.28@newssvr11.news.prodigy.net>
Source record: 48591

n3ox.dan@gmail.com wrote:
> I was hoping to do a little devil's advocate thing
> here but newsgroups aren't the place for subtlety.

You forgot to add the smiley face. :-)
--
73, Cecil http://www.w5dxp.com

3317. Re: FM Transmitter for CD Players?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 17:06:41 UTC
From: Alan WA4SCA <APBIDDLE@UNITED.NET>
Message-ID: <je06n2532a6mi4ohb3fslaf71lnrgrq9uv@4ax.com>
Source record: 48590

The CCrane version is a "full gallon" as far as the FCC is concerned.
I have one which covers my house, and 3 acre yard, with full quieting.
It is on the ground floor of a frame house, and sits on top of a metal
filing cabinet, and works equally well on top of the tuner/amp. I
have found that, as you would expect, the signal improves modestly as
you move to higher TX frequencies.

--
Alan
WA4SCA

3318. Re: Classic Computer for a Ham Shack

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 17:07:02 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <WuDch.907$hI.279@newssvr11.news.prodigy.net>
Source record: 48592
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy

David G. Nagel wrote:
> What you really need is an Altair.

An IBM-650 would probably do the job.
--
73, Cecil http://www.w5dxp.com

3319. Re: FM Transmitter for CD Players?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 17:09:15 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <%wDch.909$hI.98@newssvr11.news.prodigy.net>
Source record: 48593

Alan WA4SCA wrote:
> The CCrane version is a "full gallon" as far as the FCC is concerned.
> I have one which covers my house, and 3 acre yard, with full quieting.
> It is on the ground floor of a frame house, and sits on top of a metal
> filing cabinet, and works equally well on top of the tuner/amp. I
> have found that, as you would expect, the signal improves modestly as
> you move to higher TX frequencies.

Is it illegal to put an unconnected piece of aluminum
tape on the wall behind one of those units?
--
73, Cecil http://www.w5dxp.com

3320. Challenger DX opinions?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 17:10:49 UTC
From: John <john_stlmo@yahoo.com>
Message-ID: <UyDch.18$ca2.1@newsfe07.lga>
Source record: 48594

I've used a Butternut HF6V for several years but the last ice storm took it's toll - plus, it's time to try something different in my small city space...

Has anyone used the Gap Challenger, compared to other verticals, and could give an opinion?

Thanks.

John
St. Louis MO

3321. Re: CW IS ham radio. bullshit

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 17:19:39 UTC
From: "Dr.Ace" <Ace@WH2T.com>
Message-ID: <d168$4573070d$4fc40c3$29320@DIALUPUSA.NET>
Source record: 48595
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

"John Doe" <hgorden@adelphia.net> wrote in message
news:xJGdnTeFiKYyYe_YnZ2dnUVZ_tCdnZ2d@adelphia.com...
> In a lot of areas - the FIRE DEPTS. don't approve of OPEN BURNINGS - so
> I guess that means that you would have to get the local fire depts.
> blessing prior to your disaster to use smoke!
>
> Reference to the subject - if one did not want to use pure CW (if there
> is a mental or physical block from learning it) - there are other digital
> signals that could be used, i.e.:PSK31, etc.
>
> Other line of site communications could be - focused white light beams,
> Lasers, flags, etc.
>
> I think the real issue is that you and some of your friends are just
> plain against CW, (and you want to turn everybody else in that same
> direction), you don't use it, you don't want to learn it, etc. If that is
> the case, then why don't you just drop it - QUIT NAGGING LIKE AN OLD
> LADY - and go onto some other subject or project?
> 73's
>
> <snip>
>
That will never happen SC is like a broken record . New day same old
postings from SC .
Ace - WH2T

3322. Re: Zero Sidelobe Antenna Design

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 17:23:00 UTC
From: Richard Fry <rfry@adams.net>
Message-ID: <ekv15ravr1@news.ndhu.edu.tw>
Source record: 48596

"Richard Fry"
> The example in Kraus showed isotropic radiators, but the same zero
> sidelobe, infinite F/B descriptors for the array pattern apply for any
> pattern shape generated by the individual radiators, as long as
> they are the same.

I need to correct myself. As applying to binomially-fed FM broadcast
arrays I should have written infinite max-min ratio, not infinite F/B ratio.

RF

3323. Re: KTN4GN inviting people to monitor FOUO, was: Re: K4YZ have told CAP you intend to violate FOUO frequncy info?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 17:37:35 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1165167455.581658.82880@80g2000cwy.googlegroups.com>
Source record: 48597
Cross-posted to: rec.radio.amateur.antenna,rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

```
Slow Code wrote:
> hot-ham-and-cheese@hotmail.com wrote in
> news:1165086130.017402.217720@16g2000cwy.googlegroups.com:
>
> >
> > Slow Code wrote:
> >> hot-ham-and-cheese@hotmail.com wrote in
> >> news:1164938185.794275.103550@j44g2000cwa.googlegroups.com:
> >>
> >> >
> >> > kb9rqz-1@hotmail.com wrote:
> >> >> K4YZ wrote:
> >> >> > hot-ham@hotmail.com wrote:
> >> >
> >> >> > > So what was it all about???
> >> >> > >
> >> >> > > Monitoring CAP FOUO communications.
> >> >> > >
> >> >> > > I recall K4YZ/KTN4GN inviting people to monitor him and he would
> >> >> > > send an SWL confirmation.
> >> >> > >
> >> >> > > Hi! So much for FOUO.
> >> >> >
> >> >> > Uh huh.
> >> >> >
> >> >> > And nowhere in my QRZ bio did I mention operating
> >> >> > frequencies, net
> >> >> > times, operational objectives, etc.
> >> >>
> >> >> so?
> >> >
> >> > WWW.QRZ.COM search "K4YZ"
> >> >
> >> >> > FOUO maintained...Brain made a fool of...Again...
> >> >>
> >> >> maybe maybe not
> >> >>
> >> >> have you told CAP you intend to confirm FOUO freqs and time
> >> >
> >> > This is where his innocense falls apart. Somehow he's going to
> >> > confirm an SWL card with "I can neither confirm nor deny..."
> >> > Riiiiight.
```

> >> >
> >> > PopComm needs to beware publishing this idiot's letters.
> >>
> >> You really are a bitter ham.
> >
> > At least I'm a ham. That can't be said of you.
> >
> >> Lack of CW in the radio diet will do that to
> >> you.
> >
> > Nope, being accused of molesting Boy Scouts did it for me.
> >
> > Everything that K4YZ/KTN4GN says is suspect and needs to be
> > scrutinized.
> >
> > For example, his Civil Air Patrol FOUO letter that was published in the
> > Nov 2006 issue of PopComm completely contradicts his QRZ.COM/K4YZ offer
> > to confirm his CAP communications.
> >
> > That is what this thread is about... if you'd care to stay on topic.
> >
> >
> >> Just look at all the hate on eleven meters.
> >
> > I wouldn't know, but there's no need to look there. The hate is
> > already on RRAP, and K4YZ fosters most of it. When this group becomes
> > moderated, I expect K4YZ to be banned. He'll have to hang out on the
> > Nurse or CAP yahoo groups of his own creation and moderation.
> >
> >> Those people are even
> >> gunning each other down in shopping mall parking lots.
> >>
> >> SC
> >
> > What a coincidence. K4YZ has offered to "meet" several hams at the
> > Dayton Hamfest, and there's a lot of hamfest parking at the shopping
> > mall.
>
>
> The only hate I see, is the hate most everyone here has for the CW test.

I learned it. I passed it. I see it as irrelevant government hurdle
to be passed. It serves no regulatory purpose in the ARS. No other
mode has a stand alone exam that denies access to HF.

> But that's about it. How'd ya like the boy scouts?
>
> SC

Fantastic organization. Lots of activities. I'd recommend
boy/girl/venture scouting to any youth. Keeps them busy and they stay

out of trouble and off of drugs.

3324. Re: Zero Sidelobe Antenna Design

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 17:43:00 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1165167780.218917.99230@80g2000cwy.googlegroups.com>
Source record: 48598

Infinite F/B ratio? I get the impression that we're talking about a multi-bay FM antenna that should be omnidirectional in azimuth... Do you mean infinite horizontal to zenith ratio? Or Front-to-Side ratio if it were installed horizontally? Maybe I'm missing something. I guess I'm missing Kraus's book! We're not talking a unidirectional beam here, right?

A 5x5 planar dipole array with a 2:1:1:0.1:0.1 ratio spaced on a 1/2 wavelength grid gives a nice clean bidirectional beam with "no" sidelobes.

A pair of these arrays spaced 90 degrees and fed 90 degrees makes a nice unidirectional clean beam with good F/B and low rear lobes, and no front sidelobes.

Not envious of someone who tries to build a distribution harness for this thing, though.

http://www.n3ox.net/projects/eznec/dipole_array_144.ez

73,
Dan

3325. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 17:45:10 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <D2Ech.10077$f8.9802@bignews7.bellsouth.net>
Source record: 48599

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:gRCch.891$hI.220@newssvr11.news.prodigy.net...
> Jimmie D wrote:
>> The radiation IS NOT cancelled ...
>
> Doesn't the performance of non-reflecting glass
> depend upon EM wave cancellation? Doesn't the
> gain of a beam depend upon EM wave cancellation
> in some other direction?
> --
> 73, Cecil http://www.w5dxp.com

The radiation is not cancelled in the way ART means, One of the problems of replying to his post is you can not do really do it without sounding like an idiot.

3326. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 17:45:33 UTC
From: jawod <jawod@fuse.net>
Message-ID: <45730D3D.2030002@fuse.net>
Source record: 48603

>
> Doesn't the performance of non-reflecting glass
> depend upon EM wave cancellation?
This I can respond to (though I doubt that I should)

The term usually used is "anti-reflective" and refers to a specific
multi-coating technique on the glass (or other medium).

the "anti" refers to destructive wave interference for reflected light
by varying the refractive index of successive coatings. Thus, MORE of
the incident travels through the medium than is reflected back

If the goal is to increase the % of light refracted THROUGH the medium,
then anti-reflective coating increases the efficiency.

Take the same glass without the AR coating, and LESS light is refracting
THROUGH the medium (more reflecting back): lower efficiency.

This definition of efficiency only makes sense when you're interested in
light refracted through the glass.

P-in / P-out does not = this definition of efficiency.

The efficiency definition implies interest in directionality.

Is this not where the confusion lies in all these posts?

John

PS,
Think of a simple flashlight with a mirror and a lens.

As a simple analogy, the filament of the light is the driven element
with a mirror behind and a lens in front...a LIGHT Yagi, no?

No diff in P-in/p-out...just all light directed out of the flashlight
into a beam.

3327. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 17:46:51 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165168011.193322.122270@73g2000cwn.googlegroups.com>
Source record: 48600

Cecil Moore wrote:
> art wrote:
> > But the yagi then goes on to upset things
> > by adding which have a reactive impedance which detracts from the purly
> > resistive value of the impedance which means losses ...
>
> Actually Art, adding reactance reduces the current in
> the element thus *decreasing* losses below what a resonant
> passive element would have. Pure reactance is lossless.

This current that you are referring to, I used P =I squared R
which leads to lower power. Where did I go wrong
Regards
Art

>
> Seems to me that the reactance in the passive elements
> provides a phase shift that causes destructive interference
> in the desired places and constructive interference in
> the desired places.
>
> I came in late and thus apologize if anyone else has stated
> this earlier.
> --
> 73, Cecil http://www.w5dxp.com

3328. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 17:46:56 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165168015.963289.113240@80g2000cwy.googlegroups.com>
Source record: 48601

Cecil Moore wrote:
> art wrote:
> > But the yagi then goes on to upset things
> > by adding which have a reactive impedance which detracts from the purly
> > resistive value of the impedance which means losses ...
>
> Actually Art, adding reactance reduces the current in
> the element thus *decreasing* losses below what a resonant
> passive element would have. Pure reactance is lossless.

This current that you are referring to, I used P =I squared R
which leads to lower power. Where did I go wrong
Regards
Art

>
> Seems to me that the reactance in the passive elements
> provides a phase shift that causes destructive interference
> in the desired places and constructive interference in
> the desired places.
>
> I came in late and thus apologize if anyone else has stated
> this earlier.
> --
> 73, Cecil http://www.w5dxp.com

3329. Re: Zero Sidelobe Antenna Design

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 17:47:32 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1165168052.924112.203410@79g2000cws.googlegroups.com>
Source record: 48602

Sorry Richard, I started composing the message, then I started modeling
the antenna, then I finished the message and found your correction ;-)

73,
Dan

3330. Re: Classic Computer for a Ham Shack

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 17:49:47 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <Zv-dnSL7W9Smk-7YnZ2dnUVZ_uqdnZ2d@bright.net>
Source record: 48604
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy

Yes, forgot about the SDK-85. Used that in tech school way back in
1981. That was a smoking little bare-bones computer system...

Scott

pltrgyst wrote:
> On Sun, 03 Dec 2006 10:48:14 -0600, "David G. Nagel" <nagel@core.com> wrote:
>
>
>>What you really need is an Altair.
>
>
> ...or an Imsai, or an Intel SDK. 8;)
>
> -- Larry

3331. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 17:56:12 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1165168572.119321.233340@79g2000cws.googlegroups.com>
Source record: 48605

> PS,
> Think of a simple flashlight with a mirror and a lens.
>
> As a simple analogy, the filament of the light is the driven element
> with a mirror behind and a lens in front...a LIGHT Yagi, no?
>
> No diff in P-in/p-out...just all light directed out of the flashlight
> into a beam.

John,

You're right about the efficiency, but be careful with the flashlight analogy. A light yagi might have ~ 200 nanometer long elements.

An 20m band reflector analogous to that in a mini maglight would have to be 800 miles in diameter.

The analogy with respect to efficiency is fine... but there's no HF antenna that can form a beam like that.

73,
Dan

3332. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 18:00:33 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165168832.974991.249480@79g2000cws.googlegroups.com>
Source record: 48606

Interesting Jimmy
Could you show me how me how a vector directed at a socalled reflector
behaves with respect to a constant plane without the implication of a
neutralising effect.
Now the reflector "works" only as a part of a particular plane so
please go on from there.
I often read of additive and subtractive radiation in books written by
the masters and I have seemed to have got the wrong idea about these
matters
Art

Jimmie D wrote:
> "art" <aunwin@insightbb.com> wrote in message
> news:1165111368.150344.208770@j44g2000cwa.googlegroups.com...
> > >From a theoretical way of getting at the answer it seems
> > a logical way of proceding. So now to the rest of the task.1 how do we
> > determine volumes that you talk about that are a result of deflection 2
> > How do we determine
> > radiation that was cancelled or neutralised and 3 How do you determine
> > the radiation volume created by ground reflection so we can work back
> > to search for ground losses. That last one really bothers me as I have
> > never got a good handle on the contribution of ground reflection to any
> > particular part of the radiation envelope.
> >
> > Art
> >
> >
> >
> > Denny wrote:
> >> For those who wish to actually learn and not just insult each other,
> >> get a calculator, learn how to calculate Cosine Theta <a trivial math
> >> problem that any 9th grader can be taught in 5 minutes flat>, get a BIG
> >> piece of paper <reason to come>, and actually calculate the shape and
> >> vector length of the lobes of a two element Yagi-Uda antenna... Do the
> >> calculation in both the horizonal and vertical planes... From that you
> >> can calculate the volume of each lobe, which is proportional to the
> >> percentage of power in each lobe... From that number you can very
> >> simply calculate what percentage went into the lobes you prefer and
> >> what went in the lobes you don't prefer...
> >>
> >> Now, the reason for the BIG piece of paper... The antenna patterns you
> >> see on the screen with EZNEC, or in the antenna handbooks, are
> >> logarithmic, not linear <and there are flavors to them, ARRL, linear
> >> logarithmic, modified logarithmic>... So, the patterns are

> >> distorted... Why is that? Because if they were linear and the front
> >> lobe and the rear lobe are to the same scale the front lobe will take
> >> up the entire length of the screen/paper and the rear lobe will need a
> >> magnifying glass to be seen... A rear lobe that is 20dB down from the
> >> front lobe is down by the power ratio of 100... So, if your forward
> >> lobe calculates out to be 10 inches long, the rear lobe will be be 1/10
> >> of an inch.... I'll let you figure out the size of a lobe that is 30dB
> >> down (get out your microscope)
> >>
> >> For those who want to review do a search on Joseph Reisert, who has
> >> published numerous writings on antennas and patterns... There many are
> >> others also, but Joe is published on the web, and very readable...
> >>
> >> cheers ... denny / k8do
> >
> The radiation IS NOT cancelled or Neutralized. You need to learn more about
> what is going on with an antenna. I suggest you do some serious reading,
> actually reading with an open mind and not reading trying to find little
> phrases that seem to you to prove your beliefs. It should be fairly obvious
> that if an antenna worked by neutralization or cancelation that it would
> take more energy to cancel out radiation in the undesired direction of a
> yagi than is available in the desired direction. Therefore a Yagi or any
> other antenna does not work by cancellation.
>
> I gues I could express this a lot better but its late and whats the use.

3333. Re: Classic Computer for a Ham Shack

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 18:08:11 UTC
From: Count Floyd <CountFloyd@MonsterChillerHorrorTheater>
Message-ID: <g40vCXBzNU8x-pn2-zRdCZdWrUQre@localhost>
Source record: 48607
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.amateur.antenna

On Sun, 3 Dec 2006 17:07:02 UTC, Cecil Moore <mycall@hotmail.com>
wrote:

> David G. Nagel wrote:
> > What you really need is an Altair.
>
> An IBM-650 would probably do the job.
Any IBM PS/2 model would be perfect. They can be had for next to
nothing and are well-nigh indestructible.

--
"What do you mean there's no movie?"

3334. Re: Challenger DX opinions?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 18:15:12 UTC
From: Caveat Lector <CL@nowhere.com>
Message-ID: <SuEch.3659$un3.1359@newsfe14.phx>
Source record: 48608

"John" <john_stlmo@yahoo.com> wrote in message
news:UyDch.18$ca2.1@newsfe07.lga...
> I've used a Butternut HF6V for several years but the last ice storm took
> it's toll - plus, it's time to try something different in my small city
> space...
>
> Has anyone used the Gap Challenger, compared to other verticals, and could
> give an opinion?
>
> Thanks.
>
> John
> St. Louis MO

Lots of reviews at URL

http://www.eham.net/reviews/detail/455

73 es Good Radiating -- CL

3335. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 18:27:09 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165170429.624102.233300@80g2000cwy.googlegroups.com>
Source record: 48609

Cecil Moore wrote:
> > Remember only R is of consideration for the addition of power from each
> > element which provides flux unless you can quantasize reaction for me
> > as producing the emmision of flux other than a indication of the
> > direction it takes .

I agree there are other losses but to prevent including losses that are
outside the E and H process change over such as ground reflections etc
is it not better to just accept The pure resistance only so there is no
need to characterize individual losses Once you go beyond the near
field it gets complicated as losses are created outside the EH
generation process.
Ii am not sure how the EZNEC thing functions but if you design the
array where all elements are driven you can then use the individual
element impedances to determine overall efficiency.i.e. power in versus
power out
Fortunately thats the way my program can operate
Art

>
> I assume you are talking about radiation resistance.
> There are other R's that cause loss of desired radiation
> including conduction-dielectric losses. Some signal
> is lost to the ground after being radiated.
>
snipe?
> --
> 73, Cecil http://www.w5dxp.com

3336. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 18:30:29 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ekv52mgbd1@aioe.org>
Source record: 48610

Cecil Moore wrote:
> John Smith wrote:
>> Cecil Moore wrote:

> Can people who live by the trivial sword, also
> trip and fall on that same trivial sword? :-)

Cecil:

Yes they can. And, that would be no trivial trip! It is just, in the dark, like I am most of the time, I can't seem to avoid them, the trips.

However, what I am saying can be proved, or disproved in the real world. What I am saying, is construct a SHF antenna and chuck a xmitter and pa behind it. Encase the antenna in good insulating (polyurethane foam for instance?) material and have a temperature sensor attached to each element. Crank up the power and you will see some sort of rise in temp in the director (indeed, it should be seen in ALL elements), since heat = loss (actually, since we all accept the law of conservation of energy, loss is a misnomer, really it is only a change in frequency, from rf to infrared--beware a trivial trip!) we demonstrate an induced loss in the system.

Next, remove all elements and materials to a distance from the de where absolutely no coupling can occur. Tune and match the de to the pa output, now bring the director into proximity to the de, observe the power flow to the de as you finally set the director into proper position to form a good frontal lobe, you MUST now re-tune and adjust the de, this is because electrical factors (resistance, reactance and possible other factors we are not even aware of) of the director are now being "mirrored" into the de (an ohmic loss (heat) should also have risen in the de due to the mirrored directors imperfections.)

That is all I am saying. Now we would have go get out our equipment which can measure the weight of fly wings to know the real importance of all that...

Geesh Cecil, you never ask ANY simple questions!

Warmest regards,
JS

3337. Re: KTN4GN inviting people to monitor FOUO, was: Re: K4YZ have told CAP you intend to violate FOUO frequncy info?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 19:09:07 UTC
From: Mark@kb9rqz.aprs
Message-ID: <k386n2p3v54rc9qb40l9clr6mo3pje8oa9@4ax.com>
Source record: 48611
Cross-posted to: rec.radio.amateur.antenna,rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On 3 Dec 2006 09:37:35 -0800, hot-ham-and-cheese@hotmail.com wrote:

>
>Slow Code wrote:
>> hot-ham-and-cheese@hotmail.com wrote in
>> news:1165086130.017402.217720@16g2000cwy.googlegroups.com:
>>
>> >
>> > Slow Code wrote:
>> >> hot-ham-and-cheese@hotmail.com wrote in
>> >> news:1164938185.794275.103550@j44g2000cwa.googlegroups.com:
>> >>
>> >> >
>> >> > kb9rqz-1@hotmail.com wrote:
>> >> >> K4YZ wrote:
>> >> >> > hot-ham@hotmail.com wrote:
>> >> >
>> >> >> >> > > So what was it all about???
>> >> >> > >
>> >> >> > > Monitoring CAP FOUO communications.
>> >> >> > >
>> >> >> > > I recall K4YZ/KTN4GN inviting people to monitor him and he would
>> >> >> > > send an SWL confirmation.
>> >> >> > >
>> >> >> > > Hi! So much for FOUO.
>> >> >> >
>> >> >> > Uh huh.
>> >> >> >
>> >> >> > And nowhere in my QRZ bio did I mention operating
>> >> >> > frequencies, net
>> >> >> > times, operational objectives, etc.
>> >> >>
>> >> >> so?
>> >> >
>> >> > WWW.QRZ.COM search "K4YZ"
>> >> >
>> >> >> > FOUO maintained...Brain made a fool of...Again...
>> >> >>
>> >> >> maybe maybe not
>> >> >>
>> >> >> have you told CAP you intend to confirm FOUO freqs and time
>> >> >

>> >> > This is where his innocense falls apart. Somehow he's going to
>> >> > confirm an SWL card with "I can neither confirm nor deny..."
>> >> > Riiiiight.
>> >> >
>> >> > PopComm needs to beware publishing this idiot's letters.
>> >>
>> >> You really are a bitter ham.
>> >
>> > At least I'm a ham. That can't be said of you.
>> >
>> >> Lack of CW in the radio diet will do that to
>> >> you.
>> >
>> > Nope, being accused of molesting Boy Scouts did it for me.
>> >
>> > Everything that K4YZ/KTN4GN says is suspect and needs to be
>> > scrutinized.
>> >
>> > For example, his Civil Air Patrol FOUO letter that was published in the
>> > Nov 2006 issue of PopComm completely contradicts his QRZ.COM/K4YZ offer
>> > to confirm his CAP communications.
>> >
>> > That is what this thread is about... if you'd care to stay on topic.
>> >
>> >
>> >> Just look at all the hate on eleven meters.
>> >
>> > I wouldn't know, but there's no need to look there. The hate is
>> > already on RRAP, and K4YZ fosters most of it. When this group becomes
>> > moderated, I expect K4YZ to be banned. He'll have to hang out on the
>> > Nurse or CAP yahoo groups of his own creation and moderation.
>> >
>> >> Those people are even
>> >> gunning each other down in shopping mall parking lots.
>> >>
>> >> SC
>> >
>> > What a coincidence. K4YZ has offered to "meet" several hams at the
>> > Dayton Hamfest, and there's a lot of hamfest parking at the shopping
>> > mall.
>>
>>
>> The only hate I see, is the hate most everyone here has for the CW test.
>
>I learned it. I passed it. I see it as irrelevant government hurdle
>to be passed. It serves no regulatory purpose in the ARS. No other
>mode has a stand alone exam that denies access to HF.

congrats on managing wqish I had had any luck with it

>
>> But that's about it. How'd ya like the boy scouts?
>>
>> SC
>
>Fantastic organization. Lots of activities. I'd recommend
>boy/girl/venture scouting to any youth. Keeps them busy and they stay
>out of trouble and off of drugs.

I have Issues with the BSA as a organization BB. given the way my
private has been invaded and praded by Steve and his freind I suspect
I need not explain why we disagree about the BSA
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3338. Re: CW IS ham radio. bullshit

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 19:10:40 UTC
From: Mark@kb9rqz.aprs
Message-ID: <v786n2h7sk202rdlfbgcgcn0sgqgt2jnc1@4ax.com>
Source record: 48612
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

On Sun, 3 Dec 2006 11:41:17 -0500, "John Doe" <hgorden@adelphia.net>
wrote:

> In a lot of areas - the FIRE DEPTS. don't approve of OPEN BURNINGS - so
>I guess that means that you would have to get the local fire depts. blessing
>prior to your disaster to use smoke!
>
> Reference to the subject - if one did not want to use pure CW (if there
>is a mental or physical block from learning it) - there are other digital
>signals that could be used, i.e.:PSK31, etc.
>
> Other line of site communications could be - focused white light beams,
>Lasers, flags, etc.
>
> I think the real issue is that you and some of your friends are just
>plain against CW, (and you want to turn everybody else in that same
>direction), you don't use it, you don't want to learn it, etc. If that is
>the case, then why don't you just drop it - QUIT NAGGING LIKE AN OLD LADY -
>and go onto some other subject or project?
>73's
no we are againt a manatory test of for Morse Code. I like CW (see you
in hell sometime?)
>
><snip>
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3339. Re: CW IS ham radio. bullshit

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 19:11:29 UTC
From: Mark@kb9rqz.aprs
Message-ID: <v986n213or718kcs696esrb03dkjoi11oo@4ax.com>
Source record: 48613
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

On Sun, 3 Dec 2006 12:19:39 -0500, "Dr.Ace" <Ace@WH2T.com> wrote:

>
>"John Doe" <hgorden@adelphia.net> wrote in message
>news:xJGdnTeFiKYyYe_YnZ2dnUVZ_tCdnZ2d@adelphia.com...
>> In a lot of areas - the FIRE DEPTS. don't approve of OPEN BURNINGS - so
>> I guess that means that you would have to get the local fire depts.
>> blessing prior to your disaster to use smoke!
>>
>> Reference to the subject - if one did not want to use pure CW (if there
>> is a mental or physical block from learning it) - there are other digital
>> signals that could be used, i.e.:PSK31, etc.
>>
>> Other line of site communications could be - focused white light beams,
>> Lasers, flags, etc.
>>
>> I think the real issue is that you and some of your friends are just
>> plain against CW, (and you want to turn everybody else in that same
>> direction), you don't use it, you don't want to learn it, etc. If that is
>> the case, then why don't you just drop it - QUIT NAGGING LIKE AN OLD
>> LADY - and go onto some other subject or project?
>> 73's
>>
>> <snip>
>>
> That will never happen SC is like a broken record . New day same old
>postings from SC .
>Ace - WH2T
>
glad to see you admit that you are one of the more honest (or more
enlightened hard to tell) of the gruop
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3340. i punce in agin

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 19:14:51 UTC
From: an old fiend <Mark@kb9rqz.apr>
Message-ID: <45731563$0$20600$88260bb3@free.teranews.com>
Source record: 48615
Cross-posted to:
rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb,alt.usenet.kooks

ok I back four anoter tuff day on the news grupes it my job tis is waht I
do so bringit on you loosers

show-na-to-va (that is the greeting for this time of year as JEW rendered
phonicticaly)
happy new years it means and it can be better one if Wismen Robson and SC a
few just decided to not to be as hateful

with the punce gotcha he wonders why I simple don't bother to ty impoving
my spelling do u hav anyting cognet two say?

p s dont even tink aoubt forgering my fake emale a dress

http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3341. Re: Guide Lines for this news group

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 19:15:30 UTC
From: Mark@kb9rqz.aprs
Message-ID: <lf86n2tlbpllc55djdbac0jcrn8bk9o4o2@4ax.com>
Source record: 48614
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy

```
On 3 Dec 2006 09:00:08 -0800, hot-ham-and-cheese@hotmail.com wrote:

>
>Mark@kb9rqz.aprs wrote:
>> On Sat, 2 Dec 2006 22:44:24 -0500, "A. G. Bell" <hello?@marksakook>
>> wrote:
>>
>> >
>> ><hot-ham-and-cheese@hotmail.com> wrote in message
>> >news:1165116776.575952.37510@16g2000cwy.googlegroups.com...
>> >>
>> >> Slow Code wrote:
>> >> > Danny Richardson <n_group@k6mhe.com> wrote in
>> >> > news:tqh3n2h7gjtdevv66fvnmv0be7clnpf019@4ax.com:
>> >> >
>> >> > > On Sat, 02 Dec 2006 09:48:44 -0800, Bill Turner <noway@nowhow.com>
>> >> > > wrote:
>> >> > >
>> >> > >>ORIGINAL MESSAGE:
>> >> > >>
>> >> > >>On Sat, 2 Dec 2006 08:19:07 -0800, "Caveat Lector" <CL@nowhere.com>
>> >> > >> wrote:
>> >> > >>
>> >> > >>>Maybe this will help(a little) to get rid of the off topic posts
>> >> > >>>
>> >> > >>>For what this News Group is about and applicable guide lines see URL:
>> >> > >>>
>> >> > >>>http://www.faqs.org/faqs/radio/personal-intro/
>> >> > >>>
>> >> > >>>Thanks for reading
>> >> > >>>73 CL
>> >> > >>>
>> >> > >>
>> >> > >>------------ REPLY FOLLOWS ------------
>> >> > >>
>> >> > >>Dream on, CL. These guys already know that and they don't care. It's
>> >> > >>been that way forever. It's the Curse of Usenet.
>> >> > >>
>> >> > >>Bill, W6WRT
>> >> > >>
>> >> > > After years of resisting I'm ready for a moderated antenna group. I've
>> >> > > used my kill filter more times in the last three months than I've ever
>> >> > > done in the previous ten years.
```

>> >> > >
>> >> > > I, for one, am sick and tired of the foul-mouth off topic postings
>> >> > > and, if that requires a moderated group to get rid of them it would be
>> >> > > a very small price to pay.
>> >> > >
>> >> > > Danny,
>> >> >
>> >> >
>> >> > I know what you mean Dan.
>> >>
>> >> No you don't. You're one of the foul-mouthed off-topic posters that
>> >> Dan is complaining about.
>> >>
>> >> > With the anticipation that ham radio is going
>> >> > to get dumbed down again real soon, the dumb-it-downers
>> >>
>> >> It got "dumbed-down" when a license was issued to you.
>> >>
>> >> BTW, what is your call?
>> >>
>> >What is YOUR call, Billy? Which part of Ohio do you live in? Cincinnati
>> >maybe?
>>
>> BB's call is well know and esily located
>>
>> My and My name are at the the top of the Page
>>
>> your call if any and Slow Code's call are something you are rightly
>> ashamed to post
>
>I wouldn't blame him for being ashamed of it, but for what it's worth,
>his call is W4NTI.

I don't blame him either really

after all going outright annymouse as opposed to efort to divert spam
to dead ends, is the wisest thing the ProCoders have been trying in
years
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3342. stil a crime

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 19:20:07 UTC
From: Mark@kb9rqz.aprs
Message-ID: <5q86n2lcu72qeam6hj2svsrl3ncpkvo135@4ax.com>
Source record: 48616
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

On Sun, 3 Dec 2006 14:14:51 -0500, "an old fiend" <Mark@kb9rqz.apr>
wrote:

>
you must live to harras me stave
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3343. FYI: New Radio Website

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 19:26:33 UTC
From: Martin Johnson <ac7lk@aol.com>
Message-ID: <gsedneD1WpC-uO7YnZ2dnUVZ_tednZ2d@nventure.com>
Source record: 48617

EVEN 900mhZ HOME-MADE ANTENNA

http://kc7zwg.com

3344. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 19:52:16 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <QVFch.9974$yf7.3946@newssvr21.news.prodigy.net>
Source record: 48618

Jimmie D wrote:
> The radiation is not cancelled in the way ART means.

Sorry, I came in late. Here's a quotation from a web
site concerning wave cancellation that might help:

"... when two waves of equal amplitude and wavelength
that are 180-degrees ... out of phase with each other
meet, they are not actually annihilated, ... All of the
photon energy present in these waves must somehow be
recovered or redistributed in a new direction, according
to the law of energy conservation ... Instead, upon
meeting, the photons are redistributed to regions that
permit constructive interference, so the effect should
be considered as a redistribution of light waves and
photon energy rather than the spontaneous construction
or destruction of light."

If the EM energy doesn't change form, the destructive
interference from wave cancellation must result in
an equal magnitude of constructive interference
somewhere else - like squeezing a balloon. Sorry if
this has been said previously.
--
73, Cecil http://www.w5dxp.com

3345. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 20:09:23 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <T9Gch.10053$yf7.9387@newssvr21.news.prodigy.net>
Source record: 48619

art wrote:
> Cecil Moore wrote:
>> Actually Art, adding reactance reduces the current in
>> the element thus *decreasing* losses below what a resonant
>> passive element would have. Pure reactance is lossless.
>
> This current that you are referring to, I used P =I squared R
> which leads to lower power. Where did I go wrong

Lower power results in lowering the loss due to heat.
That leaves more power available to be radiated by
the antenna system but not necessarily radiated by
this single element that we are discussing. I suspect
two driven elements are theoretically capable of
better performance than a two element Yagi given
equal total power input into the elements.
--
73, Cecil http://www.w5dxp.com

3346. Re: RoomCap Antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 21:24:29 UTC
From: hb9abx@freesurf.ch
Message-ID: <1165181069.793603.63430@l12g2000cwl.googlegroups.com>
Source record: 48620

Felix wrote:

> Comparison: RoomCap with EH-Antenna
>
> The EH-antenna is offered as a compact, efficient short antenna.
> The user reports about this antenna are very varying, from
> enthusiastic
> to unusable.
> Therefore, I was interested since long time to perform a comparison
> test
> of the RoomCap with this antenna.

Now, an additional comparison was made,
now between RoomCap and Magloop antenna.

Since long time it was my desire to compare the RoomCap antenna with a
good
magnetic Loop antenna.
On November 30th 2006 this test took place.
The test was assisted by Edy, HB9EBG.

Comparing antenna = Magnetic Loop, 85cm diameter, 35 mm diameter of
tube, copper tube, silvered, with Annecke butterfly capacitor with
remote tuning, in vertical position.

Test antenna = RoomCap for 20m, 5cm diameter, length of radiator =
150cm, without top capacity.

Both antennas were placed at the same height (150 cm above ground) in a
free field,
using the same 100 W transceiver, and adjusted to VSWR 1:1.

In total, 13 comparing QSOs were conducted in the time between 13.30h
to 16.00h.
In each QSO the antenna was quickly changed many times and the remote
station
was asked to indicate the average signal strength difference between
the two antennas.

In all contacts the RoomCap was reported clearly as the stronger
antenna, where the
smallest reported difference was 1 S point and the largest difference
was 5 S points.

Here follows the list of the reporting stations with the indicated
difference in S points.

YO5PDW + 1
LY3ZM + 3
RU6AH + 1
UA3AIU + 1,5
YO3AJN + 2
EA8BRW + 2
LY2SP + 4
UR0EA + 2
YO4AAC + 1
UT8NF + 1
YO6KSU + 2
UR5HDE + 5
SV0XBA + 2

This corresponds to an average difference of 2.11 S points.
An S point is defined as 6 db, resulting in about 12 db advantage.
(It is clear, that the receivers many times do not follow exactly
this definition, but in the average this may be close enough.)
In other words:
The RoomCap radiates about 15 times stronger than the Magloop.
(15 times the power).

Felix HB9ABX

3347. Re: FM Transmitter for CD Players?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 21:26:47 UTC
From: Alan WA4SCA <APBIDDLE@UNITED.NET>
Message-ID: <c1g6n2p0u4vbuv4gifu29cvlblodug3mqg@4ax.com>
Source record: 48621

Cecil,

>>Is it illegal to put an unconnected piece of aluminum tape on the wall behind one of those units?

Probably not, though it would require a careful reading to determine.
I doubt if a length of wire which just happened to be the right
length, and in the right place, would be an issue either.
--

--
Alan
WA4SCA

3348. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 21:58:42 UTC
From: jawod <jawod@fuse.net>
Message-ID: <45734892.10902@fuse.net>
Source record: 48623

n3ox.dan@gmail.com wrote:
>>PS,
>>Think of a simple flashlight with a mirror and a lens.
>>
>>As a simple analogy, the filament of the light is the driven element
>>with a mirror behind and a lens in front...a LIGHT Yagi, no?
>>
>>No diff in P-in/p-out...just all light directed out of the flashlight
>>into a beam.
>
>
> John,
>
> You're right about the efficiency, but be careful with the flashlight
> analogy. A light yagi might have ~ 200 nanometer long elements.
>
> An 20m band reflector analogous to that in a mini maglight would have
> to be 800 miles in diameter.
>

Thanks for the response, Dan.

I'm not sure a yagi in it's HF form can work at all in the visible spectrum. I just wanted to treat the yagi notion of a reflector and director as it occurs within the light spectrum (form isn't important): directional efficiency is what I was trying to get at, and seems to be missed by some posters

73,

John

3349. Re: two stacked yagis vs one long yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 22:01:34 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <63i6n25cfcpuqufpptbrlufs20dfqb2tem@4ax.com>
Source record: 48622

On 3 Dec 2006 07:54:37 -0800, "N4aeq" <tucker@conninc.com> wrote:

> First off if size is no problem then what would be the advantage to
>two stacked yagis opposed to one long yagi, considering the gain of
>each setup would be equal?
It has been my experience that a single, long Yagi has a narrower beam
width and a narrower bandwidth.

A longer one is easier to feed than a stack but harder to keep in the
air... If the birds like sitting on one end...
John Ferrell W8CCW

3350. Re: two stacked yagis vs one long yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 23:08:57 UTC
From: Dave Oldridge <doldridg@leavethisoutshaw.ca>
Message-ID: <Xns988E9A71F8EABdoldridgsprintca@64.59.135.159>
Source record: 48624

"N4aeq" <tucker@conninc.com> wrote in news:1165161277.556098.152350@
79g2000cws.googlegroups.com:

> First off if size is no problem then what would be the advantage to
> two stacked yagis opposed to one long yagi, considering the gain of
> each setup would be equal?

One advantage is that you can dual-feed them all the way from the shack
and, with proper phasing control, can actually manipulate the take-off
angle. Plus they tend to be less sharp in the azimuth plane (not so
pointy).

--
Dave Oldridge+
ICQ 1800667

3351. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 23:12:54 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165187574.790946.235320@79g2000cws.googlegroups.com>
Source record: 48625

IIf you can design a bandpass filter in a RLC or complex circuitry
method then you can design an antenna array that does the same thing.
That is not out of the box thinking.Just remove coupling from the
overall function

Regards
Art
> art wrote:
> > Even Cecil who I suggest with his extra deep physics
> > education gets mocked sometimes ...
>
> Art, I'm flattered but it is wrong. I have a B.S.
> degree in EE from Texas A&M and Masters work in
> education from Sam Houston State. I took Balanis'
> antenna course at ASU and he and I worked together
> on GSM simulations because my real field of expertise
> is digital electronics. What I am mocked for is
> thinking outside the box, e.g. that the distributed
> network model allows RF energy to be tracked through
> an antenna system.
> --
> 73, Cecil http://www.w5dxp.com

3352. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 23:24:27 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165188267.915671.196600@80g2000cwy.googlegroups.com>
Source record: 48526

Exactly.That is similar to two equal forces acting to compressa piece
of steel Opposite to when you use tension the side forces press inwards
until a 45 degree break or shear angle occurs where the vectors forces
move out at right angles to the compressive force Newton is correct,
you cant destroy energy
Art:
> Jimmie D wrote:
> > The radiation is not cancelled in the way ART means.
>
> Sorry, I came in late. Here's a quotation from a web
> site concerning wave cancellation that might help:
>
> "... when two waves of equal amplitude and wavelength
> that are 180-degrees ... out of phase with each other
> meet, they are not actually annihilated, ... All of the
> photon energy present in these waves must somehow be
> recovered or redistributed in a new direction, according
> to the law of energy conservation ... Instead, upon
> meeting, the photons are redistributed to regions that
> permit constructive interference, so the effect should
> be considered as a redistribution of light waves and
> photon energy rather than the spontaneous construction
> or destruction of light."
>
> If the EM energy doesn't change form, the destructive
> interference from wave cancellation must result in
> an equal magnitude of constructive interference
> somewhere else - like squeezing a balloon. Sorry if
> this has been said previously.
> --
> 73, Cecil http://www.w5dxp.com

3353. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-03 23:29:15 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165188555.184358.288250@79g2000cws.googlegroups.com>
Source record: 48527

Cecil Moore wrote:
> art wrote:
> > Cecil Moore wrote:
> >> Actually Art, adding reactance reduces the current in
> >> the element thus *decreasing* losses below what a resonant
> >> passive element would have. Pure reactance is lossless.
Whoa Cecil i dont follow that at all
art

> >
> > This current that you are referring to, I used P =I squared R
> > which leads to lower power. Where did I go wrong
>
> Lower power results in lowering the loss due to heat.
> That leaves more power available to be radiated by
> the antenna system but not necessarily radiated by
> this single element that we are discussing. I suspect
> two driven elements are theoretically capable of
> better performance than a two element Yagi given
> equal total power input into the elements.
> --
> 73, Cecil http://www.w5dxp.com

3354. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 00:23:00 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165191780.876767.193880@n67g2000cwd.googlegroups.com>
Source record: 48528

More current is not necessarily used for reradiation .
You also have circulating current because of inherrant
inductance and capacitance since we are dealing with a series
circuit. You can add resistance to the circuit when you are at
some distance from resonance which is similar to forming band
pass shapes but the bottom line is that at resonance or near
resonance pure resistance rules To get closer to what is really
happening is to go back to 455 khz when used in radio
circuits to revive the memory
Art

Cecil Moore wrote:
> art wrote:
> > Cecil Moore wrote:
> >> Actually Art, adding reactance reduces the current in
> >> the element thus *decreasing* losses below what a resonant
> >> passive element would have. Pure reactance is lossless.
> >
> > This current that you are referring to, I used P =I squared R
> > which leads to lower power. Where did I go wrong
>
> Lower power results in lowering the loss due to heat.
> That leaves more power available to be radiated by
> the antenna system but not necessarily radiated by
> this single element that we are discussing. I suspect
> two driven elements are theoretically capable of
> better performance than a two element Yagi given
> equal total power input into the elements.
> --
> 73, Cecil http://www.w5dxp.com

3355. Re: Tower height question (moved thread from tower pro NG)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 00:34:33 UTC
From: "J. Mc Laughlin" <jcm@power-net.net>
Message-ID: <12n6r5aq095nd04@corp.supernews.com>
Source record: 48529

Hello neighbors:

You should have seen my antennas droop with the ice we had. Not easy to keep things up in this area. You are fortunate still to be climbing. I have gone to using riggers.
Do you know any riggers you trust who are based in this area?

73, Mac N8TT

--
J. Mc Laughlin; Michigan U.S.A.
Home: JCM@Power-Net.Net

3356. Re: two stacked yagis vs one long yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 00:50:31 UTC
From: N4aeq <tucker@conninc.com>
Message-ID: <1165193431.156300.203260@j72g2000cwa.googlegroups.com>
Source record: 48530

Thanks but after reading some other post i think i will put up a
stacked set of four in a H
pattern, according to what ive read if i use a folded dipole to feed
them (about 200ohm)
& use equal length feed line then i could conbine then in parallel and
come out with 50 ohms?

rt wrote:
> John Ferrell wrote:
> > On 3 Dec 2006 07:54:37 -0800, "N4aeq" <tucker@conninc.com> wrote:
> >
> > > First off if size is no problem then what would be the advantage to
> > >two stacked yagis opposed to one long yagi, considering the gain of
> > >each setup would be equal?
> > It has been my experience that a single, long Yagi has a narrower beam
> > width and a narrower bandwidth.
>
> That is absolutely correct. with the stack you have a downward vector
> on the nain lobe which widens the bandwidth as well as lowering the
> TOA. Ofcourse when stacking you really should use similar antennas or
> you will get in trouble with bandwidth Stacking does a couple of things
> for you. The top antenna protects the lower antenna against static
> noise
> and the use of the top stack is in use only for a short time for low
> angle pragation. The stack is easer on the rotor ofcourse and needs
> little landspace compared to a long boom.
> Art
>
>
>
> >
> > A longer one is easier to feed than a stack but harder to keep in the
> > air... If the birds like sitting on one end...
> > John Ferrell W8CCW

3357. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 00:51:52 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165193512.655791.270060@f1g2000cwa.googlegroups.com>
Source record: 48531

Tom Ring wrote:
> art wrote:
>
> > Not a reasonable answer, could be speculation like some of the comments
> > I get from experts. The yagi is not totally efficient in changing the
> > time changing field to a radiative field
> > because it has detuned elements contrary to what Roy states that a
> > reflector aids the forward lobe.......that is trash talk but many of
> > the so called experts are following like lemmons
> >
>
> So why is it then, that Roy and several dozen others here have made good
> livings, written respected books, and designed antenna systems that
> defined how good it can get? And all you have done is call them names?
When I don't agree with them they call me names It is always them or
their followers and I eventually retaliate with a vengance and I think
I can do it better than them.
They are of a group that everything is known about antennas and is
written in books. If you refer to something that is not in the books
then they attack where I wish they would take a bit of time trying to
understand what I am getting at so I can make use of their superior
knowledge outside of yagis but yagis dominate their whole life to the
exclusion of anything else so we are at an impasse. Tough but it is of
their choice where I have offered my hand many times only to be
rejected.
Art

>
> Sounds like the "so called experts" are a lot effing smarter than you.
>
> All you have done is throw stones, which is what you accuse all of us
> of, by the way. And you haven't given a microgram of proof that what
> you believe is true.
>
> tom
> K0TAR

3358. Re: FYI: New Radio Website

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 00:52:33 UTC
From: N4aeq <tucker@conninc.com>
Message-ID: <1165193553.839952.14600@l12g2000cwl.googlegroups.com>
Source record: 48532

Good site but they dont give any details on their homeade 900 repeater
antenna?

Martin Johnson wrote:
> EVEN 900mhZ HOME-MADE ANTENNA
>
> http://kc7zwg.com

3359. Re: FM Transmitter for CD Players?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 00:52:44 UTC
From: "W. Watson" <wolf_tracks@invalid.com>
Message-ID: <wjKch.6478$ql2.1180@newsread3.news.pas.earthlink.net>
Source record: 48533

Alan WA4SCA wrote:

> The CCrane version is a "full gallon" as far as the FCC is concerned.
> I have one which covers my house, and 3 acre yard, with full quieting.
> It is on the ground floor of a frame house, and sits on top of a metal
> filing cabinet, and works equally well on top of the tuner/amp. I
> have found that, as you would expect, the signal improves modestly as
> you move to higher TX frequencies.
>
>
> --
> Alan
> WA4SCA

Part of my problem is that the radio in the bedroom, where I do most of my listening, is right near the noise source. I need the source on all night (CPAP unit). The best reception of my favorite station is 30' away, across the house, and I may not be able to find a better spot for the xmitter. Oh, well, I'll keep playing with this. Higher tonight. (My rcvr is it a Crane's getting repaired, and will be back this week I'm told. Until then I'm a bit limited, since it gets the favorite station.)

Wayne T. Watson (Watson Adventures, Prop., Nevada City, CA)
(121.015 Deg. W, 39.262 Deg. N) GMT-8 hr std. time)
Obz Site: 39ï¿½ 15' 7" N, 121ï¿½ 2' 32" W, 2700 feet
--
"I have made this letter [e-mail] a rather long one, only
because I didn't have the lesiure to make it shorter."
-- Blaise Pascal
Web Page: <home.earthlink.net/~mtnviews>

3360. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 01:15:29 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <REKch.18457$9v5.18119@newssvr29.news.prodigy.net>
Source record: 48534

art wrote:
>>> Cecil Moore wrote:
>>>> Actually Art, adding reactance reduces the current in
>>>> the element thus *decreasing* losses below what a resonant
>>>> passive element would have. Pure reactance is lossless.

> Whoa Cecil i dont follow that at all

Resonant passive elements absorb more power
than do non-resonant passive elements. Resonant
passive elements therefore dissipate more heat
than non-resonant passive elements.

With EZNEC, check out the feedpoint impedance
of a two element Yagi when both elements are
resonant Vs when one element is 5% longer and
a non-resonant reflector.

The following values are not optimized by any
means but will give you an idea.

With ten foot spacing between two 33 foot elements

The gain is virtually bidirectional at 10.7 dBi.
The feedpoint impedance is 20 ohms and the current
induced in the passive element is 0.84 amps.

Keeping everything else the same and adding one
foot to the reflector yields the following results.

The gain increases to 11.9 dBi with a F/B ratio
of about 8 dB. The feedpoint impedance is 30 ohms
and the current induced in the passive element is
lower at 0.75 amps.

Making the reflector non-resonant causes its current
to fall by about 0.1 amp thus reducing losses while
the feedpoint impedance has increased by 50% and the
gain has increased by 1.2 dB. There doesn't seem to
be any downside to non-resonant passive elements.
--
73, Cecil http://www.w5dxp.com

3361. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 01:20:31 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <zJKch.18460$9v5.10984@newssvr29.news.prodigy.net>
Source record: 48535

art wrote:
> You also have circulating current because of inherrant
> inductance and capacitance since we are dealing with a series
> circuit.

Every real world network contains both inductance
and capacitance. The circulating currents between
them are maximum at resonance, i.e. when the
reactances appear to disappear but they don't.
--
73, Cecil http://www.w5dxp.com

3362. Re: two stacked yagis vs one long yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 01:49:05 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <geu6n2h5uisctmudgmgcev83em2b9epa1b@4ax.com>
Source record: 48536

On 3 Dec 2006 07:54:37 -0800, "N4aeq" <tucker@conninc.com> wrote:

> First off if size is no problem then what would be the advantage to
>two stacked yagis opposed to one long yagi, considering the gain of
>each setup would be equal?

Depends to some extent on whether you are focussed on gain in the
desired direction, or rejection of unwanted signals, or a balanced
system assessment (eg G/T).

Stacking a pair yagis in one plane narrows the beamwidth in the
orthogonal plane... so if you stack two horizontal yagis above each
other, you achieve the gain increase by reducing the vertical
beamwidth without much change to the horizontal beamwidth or pattern.
The stacking distance influences the pattern, the location of the
pattern nulls near the main lobe, the magnitude of side lobes.

Obviously there are a bunch of mechanical / physical issues depending
on the required gain, and the stacked yagis requires a more
complicated feed arrangement which has additional loss which might be
significant if you were chasing best G/T ratio.

Owen
--

3363. Re: Challenger DX opinions?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 01:52:22 UTC
From: Mike Coslo <mcoslo@comcast.net>
Message-ID: <Xns988ED4580232Dmcoslocomcastnet@216.196.97.136>
Source record: 48537

John <john_stlmo@yahoo.com> wrote in news:UyDch.18$ca2.1@newsfe07.lga:

> I've used a Butternut HF6V for several years but the last ice storm took
> it's toll - plus, it's time to try something different in my small city
> space...

Wow! funny you should mention that! I lost mine in the same storm front here in PA. The antenna got whipped around so much that the fiberglass/dowel joint pulled through the drill holes, then finally broke the tubing, and down it came. I had some more tubing of the right size, so the fix wasn't too hard

> Has anyone used the Gap Challenger, compared to other verticals, and
> could give an opinion?

I haven't used one, but a Ham I know has - and liked the Butternut a lot more. He's pretty knowlegeable IMO, but that's just one data point.

- 73 de Mike KB3EIA -

3364. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 02:24:12 UTC
From: craigm <none@domain.invalid>
Message-ID: <yELch.25$F26.588968@news.sisna.com>
Source record: 48538

art wrote:

> IIf you can design a bandpass filter in a RLC or complex circuitry
> method then you can design an antenna array that does the same thing.
> That is not out of the box thinking.Just remove coupling from the
> overall function
>

Designing an RLC circuit is trivial. The equations are simple and well known to any 2nd year EE student.

However, you need field theory and materials knowledge (among other things)to design an antenna.

If you design an antenna only looking at ohm's law, you will never be successful.

3365. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 02:26:37 UTC
From: craigm <none@domain.invalid>
Message-ID: <NGLch.26$Y26.607409@news.sisna.com>
Source record: 48539

art wrote:

>
> Cecil Moore wrote:
>> > Remember only R is of consideration for the addition of power from each
>> > element which provides flux unless you can quantasize reaction for me
>> > as producing the emmision of flux other than a indication of the
>> > direction it takes .
>
> I agree there are other losses but to prevent including losses that are
> outside the E and H process change over such as ground reflections etc
> is it not better to just accept The pure resistance only so there is no
> need to characterize individual losses Once you go beyond the near
> field it gets complicated as losses are created outside the EH
> generation process.
> Ii am not sure how the EZNEC thing functions but if you design the
> array where all elements are driven you can then use the individual
> element impedances to determine overall efficiency.i.e. power in versus
> power out
> Fortunately thats the way my program can operate
> Art
>
>

Does this mean you are ignoring any interaction between elements?

3366. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 02:44:34 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165200274.862297.92560@80g2000cwy.googlegroups.com>
Source record: 48540

Re "it does not agree...".When you look at the main characteristic of a
yagi antenna which is the gain of the main lobe and then compare it
with the rest of the radiation field then I would say it is
inefficient. I sure wish I had a picture of all the radiation vectors
that go into the shaping of the field. I did a circular pattern array
the other day where a circular cone was radiated vertically and I
thought that was as close to a beam that I ever had seen but why it
formed that way is a mystery. Frankly I feel the major need nowadays is
a broard beam as possible for line of site use for wireless devices
where the gain is constant for excess of 90 degrees coverage plus
large bandwidth rather than a emphasis on gain itself
Art

Richard Fry wrote:
> "art" <aunwin@insightbb.com> wrote in message
> > Some time ago I mentioned how inefficient Yagi design
> > antennas were thinking more in the way of how little of
> > the radiation used got to its required direction. etc
> _________________
>
> The above statement does not agree with the measured patterns and
> performance results of Yagi antennas.
>
> A well-designed, 6-element Yagi has a peak gain of at least 10 dBi, which
> means that it radiates about 6.3 times more power in that direction than if
> the same input power was radiated by a reference 1/2-wave dipole, and
> measured in its direction of maximum gain.
>
> RF

3367. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 02:54:38 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165200878.314376.149550@16g2000cwy.googlegroups.com>
Source record: 48541

Ofcourse they are.They are both resonant and have the same "Q" which is
equivalent to half power. Isnt that why we talk of a half power width
of a main beam because of the assertion I just made. This is a
excellent candidate for a complex circuit analysis since the Q is the
same regardles of movement away from the resonant frequency and
coupling is not a factor!
Art
Art

Cecil Moore wrote:
> art wrote:
> > Cecil Moore wrote:
> >> Actually Art, adding reactance reduces the current in
> >> the element thus *decreasing* losses below what a resonant
> >> passive element would have. Pure reactance is lossless.
> >
> > This current that you are referring to, I used P =I squared R
> > which leads to lower power. Where did I go wrong
>
> Lower power results in lowering the loss due to heat.
> That leaves more power available to be radiated by
> the antenna system but not necessarily radiated by
> this single element that we are discussing. I suspect
> two driven elements are theoretically capable of
> better performance than a two element Yagi given
> equal total power input into the elements.
> --
> 73, Cecil http://www.w5dxp.com

3368. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 02:54:43 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165200883.558936.149700@16g2000cwy.googlegroups.com>
Source record: 48542

Ofcourse they are.They are both resonant and have the same "Q" which is
equivalent to half power. Isnt that why we talk of a half power width
of a main beam because of the assertion I just made. This is a
excellent candidate for a complex circuit analysis since the Q is the
same regardles of movement away from the resonant frequency and
coupling is not a factor!
Art
Art

Cecil Moore wrote:
> art wrote:
> > Cecil Moore wrote:
> >> Actually Art, adding reactance reduces the current in
> >> the element thus *decreasing* losses below what a resonant
> >> passive element would have. Pure reactance is lossless.
> >
> > This current that you are referring to, I used P =I squared R
> > which leads to lower power. Where did I go wrong
>
> Lower power results in lowering the loss due to heat.
> That leaves more power available to be radiated by
> the antenna system but not necessarily radiated by
> this single element that we are discussing. I suspect
> two driven elements are theoretically capable of
> better performance than a two element Yagi given
> equal total power input into the elements.
> --
> 73, Cecil http://www.w5dxp.com

3369. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 03:14:25 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <el03oq$n16$1@aioe.org>
Source record: 48543

Cecil Moore wrote:
> The feedpoint impedance is 20 ohms and the current
> induced in the passive element is 0.84 amps.
>

Cecil:

Does Roy's program allow you to insert a reflector made of
nickel-chromium wire. Stick one of those turkeys in there and see if
that doesn't cut that 0.84 amps down a bit! <grin>

Chuckling,
JS

3370. Re: two stacked yagis vs one long yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 03:16:44 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <4573931d$0$6154$39cecf19@news.twtelecom.net>
Source record: 48544

N4aeq wrote:

> First off if size is no problem then what would be the advantage to
> two stacked yagis opposed to one long yagi, considering the gain of
> each setup would be equal?
>

We use a 4 over 4 array for 6m that I designed for the VHF contests.
The advantage for us, in the northern midwest, is that I was able to
make a relatively high gain system, 10.5dBd free space, that had no dead
spots in the pattern, as well as a main lobe that was over 45 degrees
wide at -3dB. The F/B is intentionally only about 18dB. It's nice to
have a pattern with no deep nulls in the midwest, because the signals
can come from any direction, and there are usually no, or few, big
signals to cause problems. We can also cover a broad area, easily 90+
degrees, during openings with the main lobe without turning.

On the other hand, if I was on either coast in a high population density
area, I would want a long yagi with as much F/B and F/S as I could get.

Whenever possible, you design and build what is best for your location.

tom
K0TAR

3371. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 03:32:08 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <el04q7pdq1@aioe.org>
Source record: 48545

art wrote:
> Tom Ring wrote:
>> art wrote:
> They are of a group that everything is known about antennas and is
> written in books. If you refer to something that is not in the books
>

Art:

If you refer to something that is "not in the books" one should take great care. Why I do think evidence can be brought out and can be demonstrated that some of the ways we "think" antennas are working is not real, however, great men have developed thinking models and formulas which are able to let us design and use WORKING antennas which are PRACTICAL. I site that mysterious 377 ohms as an example, or for another, incorporating the spin rate of the earth into antenna formulas (time), ridiculous (but useful!) But, those "old books" contain methods and means to develop antennas which do work and which do work well, we owe much to those who have gone before us ...

I am only hoping that by refusing to allow "magic numbers" to be embedded into equations without any suitable explanation of what those numbers are "REALLY ABOUT" will one day awake the man who can form the vision and see what the others have all been unable to, Tesla seemed to have had an excellent ability which I hold as example of the type of "vision seer" I mean.

I have an open mind, I guess you are as likely as the next guy to "be the one!" Never hurts to try anyway ...

However, thank God practical antennas work and we have the tools to design and build them.

Regards,
JS

3372. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 03:56:02 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165204562.345406.213520@l12g2000cwl.googlegroups.com>
Source record: 48546

I figure that if it works ok on my program AO PRO and it is then
checked out OK on NEC4
independently,and I can produce the electrical laws that backs it up it
will get into the books tho for the present time it is not there now.
For a very long time I have tried to introduce this and others to those
who are experienced in that sort of thing but I could never get it off
the ground because the thread kept on being changed to suit somebodies
whim or it developed into a name calling setup that it was impossible
to procede. Actually I let one patent application drop during the
examination process because of the badmouthing that I got but my back
is now stiffer and this one is going all the way. I do it not for money
reasons but because antennas is my hobby despite my so called lack of
knoweledge I have had patents during my working years at G.E. and other
places so the idea of patents doesn't carry much with me any more. For
all the experts we have had over the years on this newsgroup I have
never been able to thrash out one of my ideas to fruition because of
various nebulous reasons. If I brought one up involving SWR, coupling,
baluns e.t.c. the thread will grow by leaps and bounds in minuits
because everybody has something to say about it. If a subject is
brought up that one cannot provide insight then that person feels
denied that he cant post so he will resort to firing bullets and
stones.
Art

John Smith wrote:
> art wrote:
> > Tom Ring wrote:
> >> art wrote:
> > > They are of a group that everything is known about antennas and is
> > > written in books. If you refer to something that is not in the books
> > >
> >
> > Art:
> >
> > If you refer to something that is "not in the books" one should take
> > great care. Why I do think evidence can be brought out and can be
> > demonstrated that some of the ways we "think" antennas are working is
> > not real, however, great men have developed thinking models and formulas
> > which are able to let us design and use WORKING antennas which are
> > PRACTICAL. I site that mysterious 377 ohms as an example, or for
> > another, incorporating the spin rate of the earth into antenna formulas
> > (time), ridiculous (but useful!) But, those "old books" contain methods
> > and means to develop antennas which do work and which do work well, we
> > owe much to those who have gone before us ...

>
> I am only hoping that by refusing to allow "magic numbers" to be
> embedded into equations without any suitable explanation of what those
> numbers are "REALLY ABOUT" will one day awake the man who can form the
> vision and see what the others have all been unable to, Tesla seemed to
> have had an excellent ability which I hold as example of the type of
> "vision seer" I mean.
>
> I have an open mind, I guess you are as likely as the next guy to "be
> the one!" Never hurts to try anyway ...
>
> However, thank God practical antennas work and we have the tools to
> design and build them.
>
> Regards,
> JS

3373. Auto tuners & verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 04:13:38 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <p577n25k19uk75ind5n7o8bl6tqgak548e@4ax.com>
Source record: 48547

I am considering purchasing a remote auto tuner for my continuing tinkering with verticals. My current focus is on 80-160 meters with 33+ foot verticals. The auto tuners specs claim a max inductance of around 32 uh. The tuners computed with the ARRL program TLW20 require much larger values of inductance.

Will the Auto tuner (SGC-237) that claims to match any wire greater than 28 feet long really do it?

John Ferrell W8CCW

3374. Re: Challenger DX opinions?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 04:57:10 UTC
From: Charlie <charlie@ease.biz>
Message-ID: <12n7am179b1n479@corp.supernews.com>
Source record: 48548

I like the Hustler BTV line of verticals. Had my 5-BTV up over 2 years now
and it works a treat. Whichever vertical you settle on invest some time into
a ground radial system if it is to be a ground mounted antenna.

1. http://www.ad5th.com/5-BTV.html

--

73,Charlie-AD5TH
www.ad5th.com

"Mike Coslo" <mcoslo@comcast.net> wrote in message
news:Xns988ED4580232Dmcoslocomcastnet@216.196.97.136...
> John <john_stlmo@yahoo.com> wrote in news:UyDch.18$ca2.1@newsfe07.lga:
>
>> I've used a Butternut HF6V for several years but the last ice storm took
>> it's toll - plus, it's time to try something different in my small city
>> space...
>
> Wow! funny you should mention that! I lost mine in the same storm
> front here in PA. The antenna got whipped around so much that the
> fiberglass/dowel joint pulled through the drill holes, then finally broke
> the tubing, and down it came. I had some more tubing of the right size, so
> the fix wasn't too hard
>
>
>
>> Has anyone used the Gap Challenger, compared to other verticals, and
>> could give an opinion?
>
>
> I haven't used one, but a Ham I know has - and liked the Butternut a
> lot more. He's pretty knowlegeable IMO, but that's just one data point.
>
> - 73 de Mike KB3EIA -
>

3375. Re: Auto tuners & verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 05:08:07 UTC
From: Sum Ting Wong <sumtingwong@privacy.net>
Message-ID: <p3b7n25ic9plid64lej2m9pg1soq8hodpn@4ax.com>
Source record: 48549

On Sun, 03 Dec 2006 23:13:38 -0500, John Ferrell
<johnferrell@sprintmail.com> wrote:

>
>Will the Auto tuner (SGC-237) that claims to match any wire greater
>than 28 feet long really do it?

I have a SGC-230 (the big one) and an approximate 35' telescoping
whip on the R/rear of a 30' 5th wheel and it tunes fine on the lower
bands, including 160M. I have to shorten the whip up a bit to get it
to tune on 10M though.

S.T.W.

3376. Re: 1938 GE antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 05:47:28 UTC
From: richardharrison@webtv.net
Message-ID: <4503-4573B670-150@storefull-3255.bay.webtv.net>
Source record: 48551

larev wrote:
"I`ve heard the term 1/2 wave dipole with a balanced lead-in, but don`t know what that would look like."

It might look like two equal length wires supported end to end with insulators at each end and in the center between the two wires.
The balanced line connects in the center to the wires at each end of the center insulator. one line wire to one antenna wire.

The overall length of the two wires totals about 1/2-wavelength only at one particular frequency or wavelength. but it may receive well over a wide range of frequencies though it is resonant only at specific frequencies.

In 1938, GE sold a dipole antenna kit for its multiband home radios. This aerial kit was called a V-doublet kit. The two equal-length wires were to be cut to fit the user`s available space. The kit also included two high to low impedance wideband r-f transformers, one to use between the doublet and the transmission line and the other to use between the transmission line and the radio`s input terminals. The transnission line was a low-impedance twisted pair of insulated wires. The idea was that such a balanced transmission line is immune from noise pick up. Neither wire is grounded. Noise induced in both wires has the same magnitude but cancels in the receiver`s transformer input as it is flowing in opposite directions through the coil.

As I remember, it worked very well.

Best regards, Richard Harrison, KB5WZI

3377. Re: Auto tuners & verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 05:47:47 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <7EOch.2083$Ga1.1290@newssvr12.news.prodigy.net>
Source record: 48550

John Ferrell wrote:
> Will the Auto tuner (SGC-237) that claims to match any wire greater
> than 28 feet long really do it?

I once forgot to attach my bugcatcher so my SG-230
tuned a single four foot bottom section and reported
finding a match on 75m. The question is not will it
find a match but will it put any power into the antenna
at that "match" point - or is the tuner itself just a
dummy load?
--
73, Cecil http://www.w5dxp.com

3378. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 06:38:21 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <unPch.24678$Q7.8210@bignews6.bellsouth.net>
Source record: 48552

"art" <aunwin@insightbb.com> wrote in message
news:1165168832.974991.249480@79g2000cws.googlegroups.com...
> Interesting Jimmy
> Could you show me how me how a vector directed at a socalled reflector
> behaves with respect to a constant plane without the implication of a
> neutralising effect.
> Now the reflector "works" only as a part of a particular plane so
> please go on from there.
> I often read of additive and subtractive radiation in books written by
> the masters and I have seemed to have got the wrong idea about these
> matters
> Art

Then give a reference to what you are talking about if you are so familar
with the "masters".

>
> Jimmie D wrote:
>> "art" <aunwin@insightbb.com> wrote in message
>> news:1165111368.150344.208770@j44g2000cwa.googlegroups.com...
>> > >From a theoretical way of getting at the answer it seems
>> > a logical way of proceding. So now to the rest of the task.1 how do we
>> > determine volumes that you talk about that are a result of deflection 2
>> > How do we determine
>> > radiation that was cancelled or neutralised and 3 How do you determine
>> > the radiation volume created by ground reflection so we can work back
>> > to search for ground losses. That last one really bothers me as I have
>> > never got a good handle on the contribution of ground reflection to any
>> > particular part of the radiation envelope.
>> >
>> > Art
>> >
>> >
>> >
>> > Denny wrote:
>> >> For those who wish to actually learn and not just insult each other,
>> >> get a calculator, learn how to calculate Cosine Theta <a trivial math
>> >> problem that any 9th grader can be taught in 5 minutes flat>, get a
>> >> BIG
>> >> piece of paper <reason to come>, and actually calculate the shape and
>> >> vector length of the lobes of a two element Yagi-Uda antenna... Do
>> >> the
>> >> calculation in both the horizonal and vertical planes... From that you
>> >> can calculate the volume of each lobe, which is proportional to the
>> >> percentage of power in each lobe... From that number you can very

>> >> simply calculate what percentage went into the lobes you prefer and
>> >> what went in the lobes you don't prefer...
>> >>
>> >> Now, the reason for the BIG piece of paper... The antenna patterns you
>> >> see on the screen with EZNEC, or in the antenna handbooks, are
>> >> logarithmic, not linear <and there are flavors to them, ARRL, linear
>> >> logarithmic, modified logarithmic>... So, the patterns are
>> >> distorted... Why is that? Because if they were linear and the front
>> >> lobe and the rear lobe are to the same scale the front lobe will take
>> >> up the entire length of the screen/paper and the rear lobe will need a
>> >> magnifying glass to be seen... A rear lobe that is 20dB down from the
>> >> front lobe is down by the power ratio of 100... So, if your forward
>> >> lobe calculates out to be 10 inches long, the rear lobe will be be
>> >> 1/10
>> >> of an inch.... I'll let you figure out the size of a lobe that is
>> >> 30dB
>> >> down (get out your microscope)
>> >>
>> >> For those who want to review do a search on Joseph Reisert, who has
>> >> published numerous writings on antennas and patterns... There many
>> >> are
>> >> others also, but Joe is published on the web, and very readable...
>> >>
>> >> cheers ... denny / k8do
>> >
>> The radiation IS NOT cancelled or Neutralized. You need to learn more
>> about
>> what is going on with an antenna. I suggest you do some serious reading,
>> actually reading with an open mind and not reading trying to find little
>> phrases that seem to you to prove your beliefs. It should be fairly
>> obvious
>> that if an antenna worked by neutralization or cancelation that it would
>> take more energy to cancel out radiation in the undesired direction of a
>> yagi than is available in the desired direction. Therefore a Yagi or any
>> other antenna does not work by cancellation.
>>
>> I gues I could express this a lot better but its late and whats the use.
>

3379. Re: Auto tuners & verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 06:49:11 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <e5f7n21j8alpt792t8sq8s5t0mggce89oh@4ax.com>
Source record: 48553

On Sun, 03 Dec 2006 23:13:38 -0500, John Ferrell
<johnferrell@sprintmail.com> wrote:

>I am considering purchasing a remote auto tuner for my continuing
>tinkering with verticals. My current focus is on 80-160 meters with
>33+ foot verticals. The auto tuners specs claim a max inductance of
>around 32 uh. The tuners computed with the ARRL program TLW20 require
>much larger values of inductance.
>

Did you model the exact circuit of the SGC tuner? IIRC they use a
l/pi-l configuration and an autotransformer.

>Will the Auto tuner (SGC-237) that claims to match any wire greater
>than 28 feet long really do it?

The demands on the tuner will depend on how good a ground system you
build. If you use a poor ground system, a side benefit of the poor
efficiency is a subtantial amount of resistance in the feedpoint
impedance, though you are probably still looking at thousands of ohms
of capacitive reactance. If on the other hand you have an outstanding
ground system, the very low value of feedpoint R becomes challenging
for the tuner, and the efficiency you saved with the gound system
might be lost in the tuner.

Of course, the other option is to lengthen the vertical to raise the
radiation resistance so that it is not totally swamped by ground
system resistance.

Back to you question, will you get a match? If the tuner lives up to
its specification, you should... but you are looking at the world
through your VSWR meter, and that is a very limited view!

Owen
--

3380. Re: Auto tuners & verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 09:06:40 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <t81fe6FgU+cFFAZk@ifwtech.co.uk>
Source record: 48554

Cecil Moore wrote:
>John Ferrell wrote:
>> Will the Auto tuner (SGC-237) that claims to match any wire greater
>> than 28 feet long really do it?
>
>I once forgot to attach my bugcatcher so my SG-230
>tuned a single four foot bottom section and reported
>finding a match on 75m. The question is not will it
>find a match but will it put any power into the antenna
>at that "match" point - or is the tuner itself just a
>dummy load?

That's precisely the point. If you wanted to match a 30ft whip on the lower bands, and didn't have a tuner, you would be thinking about large air-wound base loading coils.

The small inductors inside amateur auto-tuners are nothing like that standard of construction, so the losses inside the tuner will be higher. As Cecil says, when a tuner is forced into a tough situation, its 'load' impedance may consist mostly of internal losses... and an auto-tuner is perfectly capable of matching that.

One of my prized possessions is a Racal military auto-tuner that is rated to handle 1kW continuously into a 30ft whip at 2MHz. Sure enough, it contains some very large air-wound inductors, with the kind of high-Q construction that you'd expect to see at the base of a mobile whip.

A really good amateur project would be to combine the smart controller of a modern auto-ATU with your own individual collection of large inductors, capacitors and relays. However, it would take some guts to buy an auto-tuner, remove all the undersized RF components, measure their inductances and capacitances, and then throw them away!

--
73 from Ian GM3SEK 'In Practice' columnist for RadCom (RSGB)
http://www.ifwtech.co.uk/g3sek

3381. Re: Zero Sidelobe Antenna Design

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 12:32:42 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1165235562.550953.35390@80g2000cwy.googlegroups.com>
Source record: 48555

Yeah, there is a lot to be said of the pony express days where you had
weeks to think between replies... I put my keyboard in my mouth quite
often...

denny / k8do

n3ox.dan@gmail.com wrote:
> Sorry Richard, I started composing the message, then I started modeling
> the antenna, then I finished the message and found your correction ;-)
>
> 73,
> Dan

3382. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 12:50:44 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1165235141.162037.3260@16g2000cwy.googlegroups.com>
Source record: 48556

Jerry, if I came across a bit loud I apologize.. I usually skim down the latest chatter and then just post to the group off the bottom message, often having no direct bearing on the particular post it spins off from... Also, I skim a number of groups and topics and I run a business so I can miss a post that puts a different spin on things... If I ruffled your feathers it was not intentional...
Let me comment that I absolutely agree with you that claiming a Yagi is inefficient from the perspective of I2R losses shows a lack of basic knowledge... Having said that, let me also note that closing the spacing, i.e. tighter than the classical Yagi-Uda array, and putting the beam into Supergain territory has consequences... Moxon has a non mathematical discussion of the supergain antennas with a graph of spacing v/s gain v/s impedence, and I Krauss mentioned that he designed his flat top array stimulated from a paper by Brown (I think it was) where he discussed arrays that have more than additive gain by tight spacing... Anyway I digress; the point of all this mumble is that these supergain "Yagi" arrays can have quite high I2R losses... But the commercial Yagi-Uda today is not in that class...

Anyway, Cheers ... denny / k8do

3383. Re: Auto tuners & verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 13:26:34 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <emVch.2339$hI.2328@newssvr11.news.prodigy.net>
Source record: 48557

Ian White GM3SEK wrote:
> A really good amateur project would be to combine the smart controller
> of a modern auto-ATU with your own individual collection of large
> inductors, capacitors and relays. However, it would take some guts to
> buy an auto-tuner, remove all the undersized RF components, measure
> their inductances and capacitances, and then throw them away!

And then install a foot long hi-Q air core coil where
once rested a toroidal coil. :-)
--
73, Cecil http://www.w5dxp.com

3384. Re: Auto tuners & verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 13:57:41 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1165240661.067285.109180@79g2000cws.googlegroups.com>
Source record: 48558

>A really good amateur project would be to combine the smart controller
>of a modern auto-ATU with your own individual collection of large
>inductors, capacitors and relays.

That really would be great. I'm keeping that in mind for some day.

For a non-random-wire installation and not too many bands, you can go with manual switching of networks. When I lived in an apartment, I had a magnet wire antenna that consisted of two random lengths fed in the "middle." As such, every time the antenna broke and I put it back up, I needed a new match on each band. This is the kind of a situation where an autotuner really shines; I decided to use a remote manual tuner instead:

http://www.n3ox.net/projects/servo

When I moved into a house, I was able to put up something a little sturdier for the lower bands. Since it's always the same radiator and always the same ground system, I'm just using switched L-networks at the base to match it. It's 40 feet tall; the 80m matching network is a 20 turn tapped coil, #10 copper wire, about 3.5 inches in diameter. The other matching networks have air variable caps and 2" self-supporting #10 coils.

http://www.n3ox.net/projects/lowbandvert

John, if you're thinking of using a 33 foot vertical on 160,80, and the higher bands, might I suggest an approach where you use a GIANT tapped coil matching scheme for 160m, taps switched with a big relay, and then have relays to select whether you're using the 160m/80m matching network or the autotuner. For both of these bands, an inductor with the bottom end attached to the ground system with a tap near the bottom for the feedline and a tap up further for the antenna should work fine. It's basically an L-L step-up L network.

The autotuner should be fairly efficient on 40m and up, though you might want to add a few feet to the vertical to avoid the high impedance of a half wavelength on 20m, but I dunno.

It's really the bands where the vertical is significantly shorter than a 1/4 wavelength where you need a high-Q matching network.

Dan

3385. Speaking of I2R losses

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 14:07:44 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1165241264.802879.295680@f1g2000cwa.googlegroups.com>
Source record: 48559

I am currently playing with tuners... Specifically link coupled... And I have been making my own condensers... Part of the exercise includes efficiency <'that' word again> of power transfer, more specifically tank coil losses... I had been using my fingers as my calibrated temperature differential meter but I have gotten the tuners engineered to the point where there are not enough differences to tell by feel... So I purchased an Infrared measurement gun...

<fascinating little instrument - did you know that on a clear day with the air temperature +12.1 F and zero wind, that a 5 foot diameter black rubber tractor tire facing the clear sky to the North can have a surface temp of -2.6 to -3.0 F? I didn't but that is what I found... OK, I digress again>

So, I have been running power soak measurements of the tuner components with the power source remaining energized during measurements - the nice part of a non contact instrument... The measurements turned up surprising results <to me>...
The continuous power level was 680 watts input to the tuner box at 3508 kc (two Bird meters, uncalibrated and the power averaged / 670 and 690 W. respectively)... The power soak time was ten minutes total... The outside air temperature was +12.1 F throughout the measurement period - mid day... The tuner components were +12.8 at the start (- + 0.2 F)... The tuner parts are in a plastic waste bin with the top on, except during measurements, to control air currents... The box sits about 4 feet away from the wall of a large building and shaded from direct sunlight <weak sun> at the time of measurement...
The coil is ~4" diameter and consists of 20.5 feet (22 uH) of #10 enameled wire wound on a paper mailing tube, and glued down with epoxy.. The link coil is the same wire (2.2 uH) wound on PVC tubing and slid inside of the tank coil tube - it was not available for temperature measurement, a finger slid inside of the PVC tube did not detect any temperature rise <power off!>... The tank condensers are aluminum and are ~24 square inches in area per plate (a pair of caps in a series tank configuration)...
At 5 and 10 minutes the top was popped and the surface temperature of the tank coil and condensers were measured - taking about 30 seconds - and the top replaced... The results for both times were within a few tenths of a degree...
The coil was found to be +12.9 to +13.1 F and the condenser plates were +31.5 to +32.3 F... A result which sent me away mumbling to myself... Not what I expected...
This is consistent with an earlier test in which the tuner was powered for 10 minutes at 1800 watts with the exciter sending dahs at 20 wpm (typical contesting environment)... The components were finger measured

<power off> and the coil felt to be barely above the starting temperature and the plates to be just a bit warmer than the starting temperature, which prompted the purchase of the infrared gun because it couldn't possibly be right - we all know that condensers are 100% efficient and coils are lossy - right?...

denny / k8do

3386. Re: Auto tuners & verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 14:12:07 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <rwRed7H3yCdFFAQn@ifwtech.co.uk>
Source record: 48560

Cecil Moore wrote:
>Ian White GM3SEK wrote:
>> A really good amateur project would be to combine the smart
>>controller of a modern auto-ATU with your own individual collection
>>of large inductors, capacitors and relays. However, it would take
>>some guts to buy an auto-tuner, remove all the undersized RF
>>components, measure their inductances and capacitances, and then
>>throw them away!
>
>And then install a foot long hi-Q air core coil where
>once rested a toroidal coil. :-)

Yes, that's the idea... well, roughly the idea...

--
73 from Ian GM3SEK 'In Practice' columnist for RadCom (RSGB)
http://www.ifwtech.co.uk/g3sek

3387. Re: Auto tuners & verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 14:18:47 UTC
From: chuck <nospam@nospam.org>
Message-ID: <1165242011_41859@sp6iad.superfeed.net>
Source record: 48561

John Ferrell wrote:
> I am considering purchasing a remote auto tuner for my continuing
> tinkering with verticals. My current focus is on 80-160 meters with
> 33+ foot verticals. The auto tuners specs claim a max inductance of
> around 32 uh. The tuners computed with the ARRL program TLW20 require
> much larger values of inductance.
>
> Will the Auto tuner (SGC-237) that claims to match any wire greater
> than 28 feet long really do it?
>
> John Ferrell W8CCW

As others have noted, the auto tuners will have no trouble matching a 33 foot vertical on either 80 or 160 meters, even over sea water.

Using one at the antenna may reduce losses in your coax since the swr will always be low.

The auto tuners will introduce their own losses, as will any antenna tuners, although with shorter antennas the losses may be greater. QST had an article in which auto tuner losses and matching ranges were measured and I think compared with conventional tuners. If I recall, the results were less unfavorable toward auto tuners than I had expected.

To reduce auto tuner matching losses to insignificant levels, you might consider adding some lumped inductance at the base of your vertical (or even better, part way up as in center-loading). You can add a capacitance hat as well. If you cause the 33 foot antenna to appear resonant at either 80 or 160, you will see reduced auto tuner matching losses on both bands. Just a rough approximation to the required number of turns ought to work. You're only trying to provide enough external loading to reduce the tuner's losses. Resonance really doesn't matter much. If you do this, you should be able to enjoy the ease of QSY without a serious loss penalty and without a need to switch taps or retune manually.

Of course your 33 foot vertical resonant at 80 or 160 meters may not perform well at 40 meters and above, or worse, may not provide an impedance your tuner can handle at those frequencies.

Chuck, NT3G

----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

3388. Re: Auto tuners & verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 14:47:34 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <pi9+ZoJGUDdFFAA1@ifwtech.co.uk>
Source record: 48562

n3ox.dan@gmail.com wrote:
>
>The autotuner should be fairly efficient on 40m and up, though you
>might want to add a few feet to the vertical to avoid the high
>impedance of a half wavelength on 20m, but I dunno.
>
Not a problem. When a half-wave vertical is fed against ground, the impedance is lower than many people imagine, and well within the efficient matching range of most auto-tuners.

When you're using an auto-tuner, your whole approach to antennas gets turned around. Just put up whatever you want, or whatever you can, and in most cases the tuner will take care of it.

At the old QTH, I had a 33ft pole which was guyed at the top, and had an auto-ATU and plenty of radials at the bottom. That simple pole worked well on 3.5-18MHz, and would work after a fashion from 1.8 to 30MHz. In addition, it could be tilted over quickly and various other add-ons plugged into the top.

The simplest was a 12ft fishing-pole extension, which favored DX on 3.5-14MHz.

Another configuration added a 30ft horizontal extension wire to make an inverted-L, about a half-wave on 40m and about a quarter-wave on 80m. That one was excellent for 80m DX, and quite usable on 1.8MHz.

For more serious 1.8MHz work, the free end of the horizontal wire could be very quickly lowered to ground level, and an extra 100ft of wire added. This gave a quarter-wave on 1.8MHz, and also an end-fed half-wave for 3.5MHz. It was good for local working on 3.5MHz because the high-current portion was horizontal at about 30ft.

I really couldn't tell you what the exact height and wire lengths were - whatever, the auto-tuner took care of it.

--
73 from Ian GM3SEK 'In Practice' columnist for RadCom (RSGB)
http://www.ifwtech.co.uk/g3sek

3389. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 15:18:31 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165245511.126513.80120@n67g2000cwd.googlegroups.com>
Source record: 48563

No Jimmie you are not open minded you are just looking for auguments. I
am not a electrical engineer so I have had no formal education in the
antenna field but it is my hobby nothing else just a hobby. I dont mind
stating an error or making a mistake because I do not have a resume to
protect so you will have to wait until it is published at that point
you can weigh in as to the ridiculousness of what I have proposed olr
give an excuse like; oh, I thought that you were.....

Jimmie D wrote:
> "art" <aunwin@insightbb.com> wrote in message
> news:1165168832.974991.249480@79g2000cws.googlegroups.com...
> > Interesting Jimmy
> > Could you show me how me how a vector directed at a socalled reflector
> > behaves with respect to a constant plane without the implication of a
> > neutralising effect.
> > Now the reflector "works" only as a part of a particular plane so
> > please go on from there.
> > I often read of additive and subtractive radiation in books written by
> > the masters and I have seemed to have got the wrong idea about these
> > matters
> > Art
>
> Then give a reference to what you are talking about if you are so familar
> with the "masters".
>
> >
> > Jimmie D wrote:
> >> "art" <aunwin@insightbb.com> wrote in message
> >> news:1165111368.150344.208770@j44g2000cwa.googlegroups.com...
> >> > >From a theoretical way of getting at the answer it seems
> >> > a logical way of proceding. So now to the rest of the task.1 how do we
> >> > determine volumes that you talk about that are a result of deflection 2
> >> > How do we determine
> >> > radiation that was cancelled or neutralised and 3 How do you determine
> >> > the radiation volume created by ground reflection so we can work back
> >> > to search for ground losses. That last one really bothers me as I have
> >> > never got a good handle on the contribution of ground reflection to any
> >> > particular part of the radiation envelope.
> >> >
> >> > Art
> >> >
> >> >
> >> >
> >> > Denny wrote:

> >> >> For those who wish to actually learn and not just insult each other,
> >> >> get a calculator, learn how to calculate Cosine Theta <a trivial math
> >> >> problem that any 9th grader can be taught in 5 minutes flat>, get a
> >> >> BIG
> >> >> piece of paper <reason to come>, and actually calculate the shape and
> >> >> vector length of the lobes of a two element Yagi-Uda antenna... Do
> >> >> the
> >> >> calculation in both the horizonal and vertical planes... From that you
> >> >> can calculate the volume of each lobe, which is proportional to the
> >> >> percentage of power in each lobe... From that number you can very
> >> >> simply calculate what percentage went into the lobes you prefer and
> >> >> what went in the lobes you don't prefer...
> >> >>
> >> >> Now, the reason for the BIG piece of paper... The antenna patterns you
> >> >> see on the screen with EZNEC, or in the antenna handbooks, are
> >> >> logarithmic, not linear <and there are flavors to them, ARRL, linear
> >> >> logarithmic, modified logarithmic>... So, the patterns are
> >> >> distorted... Why is that? Because if they were linear and the front
> >> >> lobe and the rear lobe are to the same scale the front lobe will take
> >> >> up the entire length of the screen/paper and the rear lobe will need a
> >> >> magnifying glass to be seen... A rear lobe that is 20dB down from the
> >> >> front lobe is down by the power ratio of 100... So, if your forward
> >> >> lobe calculates out to be 10 inches long, the rear lobe will be be
> >> >> 1/10
> >> >> of an inch.... I'll let you figure out the size of a lobe that is
> >> >> 30dB
> >> >> down (get out your microscope)
> >> >>
> >> >> For those who want to review do a search on Joseph Reisert, who has
> >> >> published numerous writings on antennas and patterns... There many
> >> >> are
> >> >> others also, but Joe is published on the web, and very readable...
> >> >>
> >> >> cheers ... denny / k8do
> >> >
> >> The radiation IS NOT cancelled or Neutralized. You need to learn more
> >> about
> >> what is going on with an antenna. I suggest you do some serious reading,
> >> actually reading with an open mind and not reading trying to find little
> >> phrases that seem to you to prove your beliefs. It should be fairly
> >> obvious
> >> that if an antenna worked by neutralization or cancelation that it would
> >> take more energy to cancel out radiation in the undesired direction of a
> >> yagi than is available in the desired direction. Therefore a Yagi or any
> >> other antenna does not work by cancellation.
> >>
> >> I gues I could express this a lot better but its late and whats the use.
> >

3390. Re: KTN4GN inviting people to monitor FOUO, was: Re: K4YZ have told CAP you intend to violate FOUO frequncy info?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 15:19:53 UTC
From: Not Cocksucker Lloyd <not_time_turd_lloyd@yahoo.com>
Message-ID: <1165245593.087259.149240@73g2000cwn.googlegroups.com>
Source record: 48564
Cross-posted to: rec.radio.amateur.antenna,rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

```
Mark@kb9rqz.aprs wrote:
> On 3 Dec 2006 09:37:35 -0800, hot-ham-and-cheese@hotmail.com wrote:
>
> >
> >Slow Code wrote:
> >> hot-ham-and-cheese@hotmail.com wrote in
> >> news:1165086130.017402.217720@16g2000cwy.googlegroups.com:
> >>
> >> >
> >> > Slow Code wrote:
> >> >> hot-ham-and-cheese@hotmail.com wrote in
> >> >> news:1164938185.794275.103550@j44g2000cwa.googlegroups.com:
> >> >>
> >> >> >
> >> >> > kb9rqz-1@hotmail.com wrote:
> >> >> >> K4YZ wrote:
> >> >> >> > hot-ham@hotmail.com wrote:
> >> >> >
> >> >> > > So what was it all about???
> >> >> > >
> >> >> > > Monitoring CAP FOUO communications.
> >> >> > >
> >> >> > > I recall K4YZ/KTN4GN inviting people to monitor him and he would
> >> >> > > send an SWL confirmation.
> >> >> > >
> >> >> > > Hi! So much for FOUO.
> >> >> >
> >> >> > Uh huh.
> >> >> >
> >> >> > And nowhere in my QRZ bio did I mention operating
> >> >> > frequencies, net
> >> >> > times, operational objectives, etc.
> >> >> >>
> >> >> >> so?
> >> >> >
> >> >> > WWW.QRZ.COM search "K4YZ"
> >> >> >
> >> >> > FOUO maintained...Brain made a fool of...Again...
> >> >> >>
> >> >> >> maybe maybe not
> >> >> >>
> >> >> >> have you told CAP you intend to confirm FOUO freqs and time
```

> >> >> >
> >> >> > This is where his innocense falls apart. Somehow he's going to
> >> >> > confirm an SWL card with "I can neither confirm nor deny..."
> >> >> > Riiiiight.
> >> >> >
> >> >> > PopComm needs to beware publishing this idiot's letters.
> >> >>
> >> >> You really are a bitter ham.
> >> >
> >> > At least I'm a ham. That can't be said of you.
> >> >
> >> >> Lack of CW in the radio diet will do that to
> >> >> you.
> >> >
> >> > Nope, being accused of molesting Boy Scouts did it for me.
> >> >
> >> > Everything that K4YZ/KTN4GN says is suspect and needs to be
> >> > scrutinized.
> >> >
> >> > For example, his Civil Air Patrol FOUO letter that was published in the
> >> > Nov 2006 issue of PopComm completely contradicts his QRZ.COM/K4YZ offer
> >> > to confirm his CAP communications.
> >> >
> >> > That is what this thread is about... if you'd care to stay on topic.
> >> >
> >> >
> >> >> Just look at all the hate on eleven meters.
> >> >
> >> > I wouldn't know, but there's no need to look there. The hate is
> >> > already on RRAP, and K4YZ fosters most of it. When this group becomes
> >> > moderated, I expect K4YZ to be banned. He'll have to hang out on the
> >> > Nurse or CAP yahoo groups of his own creation and moderation.
> >> >
> >> >> Those people are even
> >> >> gunning each other down in shopping mall parking lots.
> >> >>
> >> >> SC
> >> >
> >> > What a coincidence. K4YZ has offered to "meet" several hams at the
> >> > Dayton Hamfest, and there's a lot of hamfest parking at the shopping
> >> > mall.
> >>
> >>
> >> The only hate I see, is the hate most everyone here has for the CW test.
> >
> >I learned it. I passed it. I see it as irrelevant government hurdle
> >to be passed. It serves no regulatory purpose in the ARS. No other
> >mode has a stand alone exam that denies access to HF.
>
> congrats on managing wqish I had had any luck with it

>
> >
> >> But that's about it. How'd ya like the boy scouts?
> >>
> >> SC
> >
> >Fantastic organization. Lots of activities. I'd recommend
> >boy/girl/venture scouting to any youth. Keeps them busy and they stay
> >out of trouble and off of drugs.
>
> I have Issues with the BSA as a organization BB. given the way my
> private has been invaded and praded by Steve and his freind I suspect
> I need not explain why we disagree about the BSA

You sure dont' have issues with NAMBLA, huh, Marqueer the charter
member?

3391. Re: Speaking of I2R losses

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 16:07:22 UTC
From: Rick <ricknj10@hotmail.com>
Message-ID: <_IXch.6$2Q.1@newsfe10.lga>
Source record: 48565

> couldn't possibly be right - we all know that condensers are 100%
> efficient and coils are lossy - right?...

Good work. Congratulations on doing some real experimenting and thanks for reporting.
What do you attribute the losses in the cap to? Could it be contact resistance between the plates and the rotor? Would it be possible to substitute some commercial cap temporarily to compare?

Rick K2XT

3392. Re: Speaking of I2R losses

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 16:37:49 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <el1ir7ucq1@aioe.org>
Source record: 48566

Rick wrote:
>> couldn't possibly be right - we all know that condensers are 100%
>> efficient and coils are lossy - right?...
>
>
> Good work. Congratulations on doing some real experimenting and thanks for
> reporting.
> What do you attribute the losses in the cap to? Could it be contact
> resistance between the plates and the rotor? Would it be possible to
> substitute some commercial cap temporarily to compare?
>
> Rick K2XT
>
>

Show me a 100% efficient cap first, then I will show you where to patent
it and sell it. You will then have the money to purchase my bridge in
the desert!

Regards,
JS

3393. Re: Speaking of I2R losses

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 16:45:00 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <el1j8tvtp1@aioe.org>
Source record: 48567

John Smith wrote:
> Rick wrote:
>>> couldn't possibly be right - we all know that condensers are 100%
>>> efficient and coils are lossy - right?...
>>
>>
>> Good work. Congratulations on doing some real experimenting and
>> thanks for reporting.
>> What do you attribute the losses in the cap to? Could it be contact
>> resistance between the plates and the rotor? Would it be possible to
>> substitute some commercial cap temporarily to compare?
>>
>> Rick K2XT
>>
>
> Show me a 100% efficient cap first, then I will show you where to patent
> it and sell it. You will then have the money to purchase my bridge in
> the desert!
>
> Regards,
> JS

Of course, there must be lossless caps somewhere, huh? Because a cap with no dielectric would suffer no losses (ignoring the resistance of the plates to the inrush, exhaust of electrons), huh? So then, a cap consisting of plates in a vacuum would have no dielectric and no loss.

Strange, I seem to still notice a loss in such a device when examined mathematically. Perhaps the ether is serving as a dielectric?

Chuckling,
JS

3394. Re: KTN4GN inviting people to monitor FOUO, was: Re: K4YZ have told CAP you intend to violate FOUO frequncy info?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 17:17:32 UTC
From: Mark@kb9rqz.aprs
Message-ID: <5ul8n2paj4jr8b7v6jh98tqofj5fm554nv@4ax.com>
Source record: 48568
Cross-posted to: rec.radio.amateur.antenna,rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On 4 Dec 2006 07:19:53 -0800, "Not Cocksucker Lloyd"
<not_time_turd_lloyd@yahoo.com> wrote:

>
>Mark@kb9rqz.aprs wrote:
>> On 3 Dec 2006 09:37:35 -0800, hot-ham-and-cheese@hotmail.com wrote:
>>
>> >
>> >Slow Code wrote:
>> >> hot-ham-and-cheese@hotmail.com wrote in
>> >> news:1165086130.017402.217720@16g2000cwy.googlegroups.com:
>> >>
>> >> >
>> >> > Slow Code wrote:
>> >> >> hot-ham-and-cheese@hotmail.com wrote in
>> >> >> news:1164938185.794275.103550@j44g2000cwa.googlegroups.com:
>> >> >>
>> >> >> >
>> >> >> > kb9rqz-1@hotmail.com wrote:
>> >> >> >> K4YZ wrote:
>> >> >> >> > hot-ham@hotmail.com wrote:
>> >> >> >
>> >> >> >> > > So what was it all about???
>> >> >> >> > >
>> >> >> >> > > Monitoring CAP FOUO communications.
>> >> >> >> > >
>> >> >> >> > > I recall K4YZ/KTN4GN inviting people to monitor him and he would
>> >> >> >> > > send an SWL confirmation.
>> >> >> >> > >
>> >> >> >> > > Hi! So much for FOUO.
>> >> >> >> >
>> >> >> >> > Uh huh.
>> >> >> >> >
>> >> >> >> > And nowhere in my QRZ bio did I mention operating
>> >> >> >> > frequencies, net
>> >> >> >> > times, operational objectives, etc.
>> >> >> >>
>> >> >> >> so?
>> >> >> >
>> >> >> > WWW.QRZ.COM search "K4YZ"
>> >> >> >
>> >> >> > FOUO maintained...Brain made a fool of...Again...

>> >> >> >>
>> >> >> >> maybe maybe not
>> >> >> >>
>> >> >> >> have you told CAP you intend to confirm FOUO freqs and time
>> >> >> >
>> >> >> > This is where his innocense falls apart. Somehow he's going to
>> >> >> > confirm an SWL card with "I can neither confirm nor deny..."
>> >> >> > Riiiiight.
>> >> >> >
>> >> >> > PopComm needs to beware publishing this idiot's letters.
>> >> >>
>> >> >> You really are a bitter ham.
>> >> >
>> >> > At least I'm a ham. That can't be said of you.
>> >> >
>> >> >> Lack of CW in the radio diet will do that to
>> >> >> you.
>> >> >
>> >> > Nope, being accused of molesting Boy Scouts did it for me.
>> >> >
>> >> > Everything that K4YZ/KTN4GN says is suspect and needs to be
>> >> > scrutinized.
>> >> >
>> >> > For example, his Civil Air Patrol FOUO letter that was published in the
>> >> > Nov 2006 issue of PopComm completely contradicts his QRZ.COM/K4YZ offer
>> >> > to confirm his CAP communications.
>> >> >
>> >> > That is what this thread is about... if you'd care to stay on topic.
>> >> >
>> >> >
>> >> >> Just look at all the hate on eleven meters.
>> >> >
>> >> > I wouldn't know, but there's no need to look there. The hate is
>> >> > already on RRAP, and K4YZ fosters most of it. When this group becomes
>> >> > moderated, I expect K4YZ to be banned. He'll have to hang out on the
>> >> > Nurse or CAP yahoo groups of his own creation and moderation.
>> >> >
>> >> >> Those people are even
>> >> >> gunning each other down in shopping mall parking lots.
>> >> >>
>> >> >> SC
>> >> >
>> >> > What a coincidence. K4YZ has offered to "meet" several hams at the
>> >> > Dayton Hamfest, and there's a lot of hamfest parking at the shopping
>> >> > mall.
>> >>
>> >>
>> >> The only hate I see, is the hate most everyone here has for the CW test.
>> >
>> >I learned it. I passed it. I see it as irrelevant government hurdle

>> >to be passed. It serves no regulatory purpose in the ARS. No other
>> >mode has a stand alone exam that denies access to HF.
>>
>> congrats on managing wqish I had had any luck with it
>>
>> >
>> >> But that's about it. How'd ya like the boy scouts?
>> >>
>> >> SC
>> >
>> >Fantastic organization. Lots of activities. I'd recommend
>> >boy/girl/venture scouting to any youth. Keeps them busy and they stay
>> >out of trouble and off of drugs.
>>
>> I have Issues with the BSA as a organization BB. given the way my
>> private has been invaded and praded by Steve and his freind I suspect
>> I need not explain why we disagree about the BSA
>
>You sure dont' have issues with NAMBLA, huh, Marqueer the charter
>member?

I have never said anything in support of Nambla woger

it says some pretty stpid thing and few true tone and smaller and of
less

indeeed I don't recall namble ever coming out here in RRAP woger
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3395. Re: Challenger DX opinions?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 17:34:44 UTC
From: Michael Coslo <mjc5@psu.edu>
Message-ID: <el1m7j$19pa$1@f04n12.cac.psu.edu>
Source record: 48569

Charlie wrote:
> I like the Hustler BTV line of verticals. Had my 5-BTV up over 2 years now
> and it works a treat. Whichever vertical you settle on invest some time into
> a ground radial system if it is to be a ground mounted antenna.

I'd venture that the ground radials are more important than the antenna
itself. Not very glamorous perhaps, but critical.

- 73 de Mike KB3EIA -

3396. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 17:49:43 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <XcZch.2884$Wq.2227@trnddc08>
Source record: 48570

Hi Denny

The fact is, I probably get "ruffled" too easily, probably because I'm insecure. I'm not the sharpest antenna designer around.
My way of antenna design relies mainly on actual, measured data, so I am a little short on convincing theoretical data. But, my approach to determining relative efficiency would be based on measured data.
If *I* had made any statement on the efficiency of *any* antenna, you can be sure I would include some measured data. Measuring Yagi antenna loss is probably too mundane for Art. He already knows things that would require me months of testing to 'check up on'.
If I wanted to know the "I squared R loss" efficiency of one antenna compared to another antenna, I'd need to conduct time consuming experiments.

Jerry

"Denny" <k8do@mailblocks.com> wrote in message
news:1165235141.162037.3260@16g2000cwy.googlegroups.com...
> Jerry, if I came across a bit loud I apologize.. I usually skim down
> the latest chatter and then just post to the group off the bottom
> message, often having no direct bearing on the particular post it spins
> off from... Also, I skim a number of groups and topics and I run a
> business so I can miss a post that puts a different spin on things...
> If I ruffled your feathers it was not intentional...
> Let me comment that I absolutely agree with you that claiming a Yagi is
> inefficient from the perspective of I2R losses shows a lack of basic
> knowledge... Having said that, let me also note that closing the
> spacing, i.e. tighter than the classical Yagi-Uda array, and putting
> the beam into Supergain territory has consequences... Moxon has a non
> mathematical discussion of the supergain antennas with a graph of
> spacing v/s gain v/s impedence, and I Krauss mentioned that he designed
> his flat top array stimulated from a paper by Brown (I think it was)
> where he discussed arrays that have more than additive gain by tight
> spacing... Anyway I digress; the point of all this mumble is that these
> supergain "Yagi" arrays can have quite high I2R losses... But the
> commercial Yagi-Uda today is not in that class...
>
> Anyway, Cheers ... denny / k8do
>

3397. Re: Speaking of I2R losses

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 18:43:14 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <6%Zch.2472$hI.493@newssvr11.news.prodigy.net>
Source record: 48571

Rick wrote:
> What do you attribute the losses in the cap to?

Besides I^2*R losses in the leads, there are dielectric
losses in the dielectric. Ever use a disc-ceramic to try
to pass one amp of RF? My experience is that it will
light up the night sky. :-)
--
73, Cecil http://www.w5dxp.com

3398. Re: Speaking of I2R losses

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 18:44:02 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <S%Zch.2473$hl.1352@newssvr11.news.prodigy.net>
Source record: 48572

John Smith wrote:
> Of course, there must be lossless caps somewhere, huh?

There's some in EZNEC. :-)
--
73, Cecil http://www.w5dxp.com

3399. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 19:34:00 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165260840.864948.135270@16g2000cwy.googlegroups.com>
Source record: 48573

Cecil, I find that very interesting, my antenna is designed around
resonant
elements as you know which provides a more linear SWR curve which I
translated into less losses. I admit I never exceeded the yagi gain tho
I must admit I am pursuing the formation of other types of radiation
including circular When looking at different types of radiation as well
as making desired variables measurements move in concert with each
other so that we can diminish the compromises that come with untuned
elements.I have a lot of ground to cover
Art
Cecil Moore wrote:
> art wrote:
> >>> Cecil Moore wrote:
> >>>> Actually Art, adding reactance reduces the current in
> >>>> the element thus *decreasing* losses below what a resonant
> >>>> passive element would have. Pure reactance is lossless.
>
> > Whoa Cecil i dont follow that at all
>
> Resonant passive elements absorb more power
> than do non-resonant passive elements. Resonant
> passive elements therefore dissipate more heat
> than non-resonant passive elements.
>
> With EZNEC, check out the feedpoint impedance
> of a two element Yagi when both elements are
> resonant Vs when one element is 5% longer and
> a non-resonant reflector.
>
> The following values are not optimized by any
> means but will give you an idea.
>
> With ten foot spacing between two 33 foot elements
>
> The gain is virtually bidirectional at 10.7 dBi.
> The feedpoint impedance is 20 ohms and the current
> induced in the passive element is 0.84 amps.
>
> Keeping everything else the same and adding one
> foot to the reflector yields the following results.
>
> The gain increases to 11.9 dBi with a F/B ratio
> of about 8 dB. The feedpoint impedance is 30 ohms
> and the current induced in the passive element is

> lower at 0.75 amps.
>
> Making the reflector non-resonant causes its current
> to fall by about 0.1 amp thus reducing losses while
> the feedpoint impedance has increased by 50% and the
> gain has increased by 1.2 dB. There doesn't seem to
> be any downside to non-resonant passive elements.
> --
> 73, Cecil http://www.w5dxp.com

3400. Re: Auto tuners & verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 19:43:55 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <5us8n2t3190r6um5qt10upbpfu4v917hc9@4ax.com>
Source record: 48574

On Mon, 4 Dec 2006 14:47:34 +0000, Ian White GM3SEK
<gm3sek@ifwtech.co.uk> wrote:

...
>When you're using an auto-tuner, your whole approach to antennas gets
>turned around. Just put up whatever you want, or whatever you can, and
>in most cases the tuner will take care of it.
...

The autotuner at the feedpoint is certainly an interesting solution to convenient frequency agile operation.

The risk, as some have identified, whilst a match is obtained for the transmitter, and transmission line losses are low, that antenna performance (efficiency) may be lacking. You just can't tell by looking at the VSWR meter on the radio.

I put some notes together exploring models of an antenna system based on NEC models of the radiator, estimates of ground system loss, calculated loss of a practical L match, and calculated transmission line losses. There are three articles that may be of interest (John and others):

http://www.vk1od.net/NaroomaEFW/NaroomaEFW.htm

http://www.vk1od.net/InvertedL/InvertedL.htm

http://www.vk1od.net/multibandunloadedvertical/index.htm

Some have mentioned avoiding high impedance resonances as they will damage the tuner. Some of the articles above predict the voltage impressed on the tuner, and for longish wires, it isn't nearly as severe as using one of these tuners on 2.4m long mobile whip (as people do, and in compliance with the tuner user manual).

Taking a system view, all three of the articles show that there is a lower frequency limit to efficient operation of the antenna system, and the major contibutions to loss.

Ground loss is commonly the most signigicant element for minimal installations.

It seems obvious that in order to reduce ground loss, one should improve the ground system. Taking that system perspective, one of the ways (and it may be the best way in most situations) to reduce ground loss is to lengthen the radiator.

Owen
--

3401. Re: Speaking of I2R losses

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 20:09:54 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1165262994.423001.14000@j72g2000cwa.googlegroups.com>
Source record: 48575

Well, there are dielectrics and there are . . . ummm well you get the point...

In this case the main dielectric of my condensers is glass, probably stannous float bath soda glass... 0.100" thick with an aluminum plate on each side... After my fingers had found the disparate temperature rise on an early test I did a literature search for the dielectric constant and loss factor of glass and discovered that not all glass is equal - or as Orwell put it, some of the animals are more equal than the others...

Anyway, Soda glass has a loss tangent of 0.01 to 0.05 and a dielectric constant of 6 - and Borosilicate glass (Pyrex) has a loss tangent of 0.001 to 0.002 and a dielectric constant of 4... So, it would appear that Borosilicate glass is better as a low loss dielectric... The trade off is that with 1/3 lower Dielectric Constant I would have to increase my plate areas by 1/3 to maintain the same capacity... The jury is out on this... 3.5 mc is relatively low frequency... I am not sure how much of the heating is due to the loss factor of the glass and how much is I2R heating from the current flowing across the plates... I spoze I could order some custom made 8" X 10" X 0.100" Pyrex plates and compare otherwise identical condensers... OTOH, I spoze some of the more equal animals in my house would complain over sticks and stones in their xmas stockings after I pay for the Pyrex...

denny / k8do

3402. Re: Speaking of I2R losses

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 20:38:44 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <el20uutqj1@aioe.org>
Source record: 48427

Cecil Moore wrote:
> Rick wrote:
>> What do you attribute the losses in the cap to?
>
> Besides I^2*R losses in the leads, there are dielectric
> losses in the dielectric. Ever use a disc-ceramic to try
> to pass one amp of RF? My experience is that it will
> light up the night sky. :-)

Cecil:

What is the best fly wing scale you have?

I would think specs would call for one capable of
0.00000000000000000000000000000000000000000000001 gm resolution ...

Well, Santas coming, hang out a big sock!

Scratching head,
JS

3403. Re: Speaking of I2R losses

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 20:39:01 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <tm09n290oths03jb7ti7nrn6n2325s55ai@4ax.com>
Source record: 48426

On 4 Dec 2006 06:07:44 -0800, "Denny" <k8do@mailblocks.com> wrote:

...
>So I purchased an Infrared measurement gun...
>
><fascinating little instrument - did you know that on a clear day with
>the air temperature +12.1 F and zero wind, that a 5 foot diameter
>black rubber tractor tire facing the clear sky to the North can have a
>surface temp of -2.6 to -3.0 F? I didn't but that is what I found...
>OK, I digress again>

It is not such a digression.

You should do make measurements of the temperature of different materials that you know are at the same temperature, and see what results you get from your non-contact thermometer.

The emissivity of the surface is an important factor that limits the absolute accuracy of these things.

It is an interesting experiment that you have described, though I am not sure that surface temperature (if it is accurate) alone is a good indicator of the power flow to the air. For example, would you expect that the temperatures of natural coloured and black aluminium heatsink to be the same if dissipating the same (non zero) power in the same environment? Extending that to your experiment, is dark enamelled copper wire (as may be used in a coil) a better black body radiator than bright aluminium (as may be used in a capacitor).

Owen
--

3404. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 20:46:18 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165265178.777662.33420@f1g2000cwa.googlegroups.com>
Source record: 48428

Well let me take you on a thinking journey OK? I will do it in stages
so there will be no reason to jump the gun with questions unless it is
pertinent to what I have said. Maybe a new thread would be better
before I start out on explaining new thoughts about antennas which are
away from the traditional designs which really requires an open mind
Look out for the Gaussian Antenna heading and we will get started. You
can read up on Gaussian antennas under Google in the mean time to get
up to speed.The wife just got out of hospital so bear with me as I am
having to do different things
Art
John Smith wrote:
> art wrote:
> > Tom Ring wrote:
> >> art wrote:
> > > They are of a group that everything is known about antennas and is
> > > written in books. If you refer to something that is not in the books
> > >
> >
> > Art:
> >
> > If you refer to something that is "not in the books" one should take
> > great care. Why I do think evidence can be brought out and can be
> > demonstrated that some of the ways we "think" antennas are working is
> > not real, however, great men have developed thinking models and formulas
> > which are able to let us design and use WORKING antennas which are
> > PRACTICAL. I site that mysterious 377 ohms as an example, or for
> > another, incorporating the spin rate of the earth into antenna formulas
> > (time), ridiculous (but useful!) But, those "old books" contain methods
> > and means to develop antennas which do work and which do work well, we
> > owe much to those who have gone before us ...
> >
> > I am only hoping that by refusing to allow "magic numbers" to be
> > embedded into equations without any suitable explanation of what those
> > numbers are "REALLY ABOUT" will one day awake the man who can form the
> > vision and see what the others have all been unable to, Tesla seemed to
> > have had an excellent ability which I hold as example of the type of
> > "vision seer" I mean.
> >
> > I have an open mind, I guess you are as likely as the next guy to "be
> > the one!" Never hurts to try anyway ...
> >
> > However, thank God practical antennas work and we have the tools to
> > design and build them.
> >

> Regards,
> JS

3405. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 20:46:24 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165265184.124745.145480@j72g2000cwa.googlegroups.com>
Source record: 48429

Well let me take you on a thinking journey OK? I will do it in stages
so there will be no reason to jump the gun with questions unless it is
pertinent to what I have said. Maybe a new thread would be better
before I start out on explaining new thoughts about antennas which are
away from the traditional designs which really requires an open mind
Look out for the Gaussian Antenna heading and we will get started. You
can read up on Gaussian antennas under Google in the mean time to get
up to speed.The wife just got out of hospital so bear with me as I am
having to do different things
Art
John Smith wrote:
> art wrote:
> > Tom Ring wrote:
> >> art wrote:
> > > They are of a group that everything is known about antennas and is
> > > written in books. If you refer to something that is not in the books
> > >
> >
> > Art:
> >
> > If you refer to something that is "not in the books" one should take
> > great care. Why I do think evidence can be brought out and can be
> > demonstrated that some of the ways we "think" antennas are working is
> > not real, however, great men have developed thinking models and formulas
> > which are able to let us design and use WORKING antennas which are
> > PRACTICAL. I site that mysterious 377 ohms as an example, or for
> > another, incorporating the spin rate of the earth into antenna formulas
> > (time), ridiculous (but useful!) But, those "old books" contain methods
> > and means to develop antennas which do work and which do work well, we
> > owe much to those who have gone before us ...
> >
> > I am only hoping that by refusing to allow "magic numbers" to be
> > embedded into equations without any suitable explanation of what those
> > numbers are "REALLY ABOUT" will one day awake the man who can form the
> > vision and see what the others have all been unable to, Tesla seemed to
> > have had an excellent ability which I hold as example of the type of
> > "vision seer" I mean.
> >
> > I have an open mind, I guess you are as likely as the next guy to "be
> > the one!" Never hurts to try anyway ...
> >
> > However, thank God practical antennas work and we have the tools to
> > design and build them.
> >

> Regards,
> JS

3406. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 20:47:58 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <el21ge$e4$1@aioe.org>
Source record: 48430

Jerry Martes wrote:
> Hi Denny
>
> The fact is, I probably get "ruffled" too easily, probably because I'm
> insecure. I'm not the sharpest antenna designer around.
> My way of antenna design relies mainly on actual, measured data, so I am a
> little short on convincing theoretical data. But, my approach to
> determining relative efficiency would be based on measured data.
> If *I* had made any statement on the efficiency of *any* antenna, you can
> be sure I would include some measured data. Measuring Yagi antenna loss is
> probably too mundane for Art. He already knows things that would require me
> months of testing to 'check up on'.
> If I wanted to know the "I squared R loss" efficiency of one antenna
> compared to another antenna, I'd need to conduct time consuming experiments.
>
> Jerry
>
>
>
>
>
>
> "Denny" <k8do@mailblocks.com> wrote in message
> news:1165235141.162037.3260@16g2000cwy.googlegroups.com...
>> Jerry, if I came across a bit loud I apologize.. I usually skim down
>> the latest chatter and then just post to the group off the bottom
>> message, often having no direct bearing on the particular post it spins
>> off from... Also, I skim a number of groups and topics and I run a
>> business so I can miss a post that puts a different spin on things...
>> If I ruffled your feathers it was not intentional...
>> Let me comment that I absolutely agree with you that claiming a Yagi is
>> inefficient from the perspective of I2R losses shows a lack of basic
>> knowledge... Having said that, let me also note that closing the
>> spacing, i.e. tighter than the classical Yagi-Uda array, and putting
>> the beam into Supergain territory has consequences... Moxon has a non
>> mathematical discussion of the supergain antennas with a graph of
>> spacing v/s gain v/s impedence, and I Krauss mentioned that he designed
>> his flat top array stimulated from a paper by Brown (I think it was)
>> where he discussed arrays that have more than additive gain by tight
>> spacing... Anyway I digress; the point of all this mumble is that these
>> supergain "Yagi" arrays can have quite high I2R losses... But the
>> commercial Yagi-Uda today is not in that class...
>>
>> Anyway, Cheers ... denny / k8do

>>
>
>

Jerry:

I didn't really disagree with you, ALL antennas are 100% efficient radiators (dummy loads are excellent too!), only a real fool would argue that one!

But this is california, I don't need the infrared radiations all that much; never had trouble with ice sickles on the 'tenna. <grin>.

Warmest regards,
JS

3407. Re: KTN4GN inviting people to monitor FOUO, was: Re: K4YZ have told CAP you intend to violate FOUO frequncy info?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 21:34:37 UTC
From: Billy cumgobbler Smith <billy_shittydrawers_smith@yahoo.com>
Message-ID: <1165268077.136170.232570@l12g2000cwl.googlegroups.com>
Source record: 48431
Cross-posted to: rec.radio.amateur.antenna,rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

```
Mark@kb9rqz.aprs wrote:
> On 4 Dec 2006 07:19:53 -0800, "Not Cocksucker Lloyd"
> <not_time_turd_lloyd@yahoo.com> wrote:
>
> >
> >Mark@kb9rqz.aprs wrote:
> >> On 3 Dec 2006 09:37:35 -0800, hot-ham-and-cheese@hotmail.com wrote:
> >>
> >> >
> >> >Slow Code wrote:
> >> >> hot-ham-and-cheese@hotmail.com wrote in
> >> >> news:1165086130.017402.217720@16g2000cwy.googlegroups.com:
> >> >>
> >> >> >
> >> >> > Slow Code wrote:
> >> >> >> hot-ham-and-cheese@hotmail.com wrote in
> >> >> >> news:1164938185.794275.103550@j44g2000cwa.googlegroups.com:
> >> >> >>
> >> >> >> >
> >> >> >> > kb9rqz-1@hotmail.com wrote:
> >> >> >> >> K4YZ wrote:
> >> >> >> >> > hot-ham@hotmail.com wrote:
> >> >> >> >
> >> >> >> >> > So what was it all about???
> >> >> >> >> >
> >> >> >> >> > Monitoring CAP FOUO communications.
> >> >> >> >> >
> >> >> >> >> > I recall K4YZ/KTN4GN inviting people to monitor him and he would
> >> >> >> >> > send an SWL confirmation.
> >> >> >> >> >
> >> >> >> >> > Hi! So much for FOUO.
> >> >> >> >>
> >> >> >> >> Uh huh.
> >> >> >> >>
> >> >> >> >> And nowhere in my QRZ bio did I mention operating
> >> >> >> >> frequencies, net
> >> >> >> >> times, operational objectives, etc.
> >> >> >> >>
> >> >> >> >> so?
> >> >> >> >
> >> >> >> > WWW.QRZ.COM search "K4YZ"
> >> >> >> >
```

> >> >> >> >> > FOUO maintained...Brain made a fool of...Again...
> >> >> >> >>
> >> >> >> >> maybe maybe not
> >> >> >> >>
> >> >> >> >> have you told CAP you intend to confirm FOUO freqs and time
> >> >> >> >
> >> >> >> > This is where his innocense falls apart. Somehow he's going to
> >> >> >> > confirm an SWL card with "I can neither confirm nor deny..."
> >> >> >> > Riiiiight.
> >> >> >> >
> >> >> >> > PopComm needs to beware publishing this idiot's letters.
> >> >> >>
> >> >> >> You really are a bitter ham.
> >> >> >
> >> >> > At least I'm a ham. That can't be said of you.
> >> >> >
> >> >> >> Lack of CW in the radio diet will do that to
> >> >> >> you.
> >> >> >
> >> >> > Nope, being accused of molesting Boy Scouts did it for me.
> >> >> >
> >> >> > Everything that K4YZ/KTN4GN says is suspect and needs to be
> >> >> > scrutinized.
> >> >> >
> >> >> > For example, his Civil Air Patrol FOUO letter that was published in the
> >> >> > Nov 2006 issue of PopComm completely contradicts his QRZ.COM/K4YZ offer
> >> >> > to confirm his CAP communications.
> >> >> >
> >> >> > That is what this thread is about... if you'd care to stay on topic.
> >> >> >
> >> >> >
> >> >> >> Just look at all the hate on eleven meters.
> >> >> >
> >> >> > I wouldn't know, but there's no need to look there. The hate is
> >> >> > already on RRAP, and K4YZ fosters most of it. When this group becomes
> >> >> > moderated, I expect K4YZ to be banned. He'll have to hang out on the
> >> >> > Nurse or CAP yahoo groups of his own creation and moderation.
> >> >> >
> >> >> >> Those people are even
> >> >> >> gunning each other down in shopping mall parking lots.
> >> >> >>
> >> >> >> SC
> >> >> >
> >> >> > What a coincidence. K4YZ has offered to "meet" several hams at the
> >> >> > Dayton Hamfest, and there's a lot of hamfest parking at the shopping
> >> >> > mall.
> >> >>
> >> >>
> >> >> The only hate I see, is the hate most everyone here has for the CW test.
> >> >

> >> >I learned it. I passed it. I see it as irrelevant government hurdle
> >> >to be passed. It serves no regulatory purpose in the ARS. No other
> >> >mode has a stand alone exam that denies access to HF.
> >>
> >> congrats on managing wqish I had had any luck with it
> >>
> >> >
> >> >> But that's about it. How'd ya like the boy scouts?
> >> >>
> >> >> SC
> >> >
> >> >Fantastic organization. Lots of activities. I'd recommend
> >> >boy/girl/venture scouting to any youth. Keeps them busy and they stay
> >> >out of trouble and off of drugs.
> >>
> >> I have Issues with the BSA as a organization BB. given the way my
> >> private has been invaded and praded by Steve and his freind I suspect
> >> I need not explain why we disagree about the BSA
> >
> >You sure don't have issues with NAMBLA, huh, Marqueer the charter
> >member?
>
> I have never said anything in support of Nambla woger

Sure you do, Marquer, you want to convert everybody to your perverted
lifestyle.

> it says some pretty stpid thing and few true tone and smaller and of
> less

What do you care, you do what they condone!

> indeeed I don't recall namble ever coming out here in RRAP woger

You don't even recall your own name, Marqueer, since you never post
under it, either.

3408. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 21:36:52 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <el24c4$6n5$1@aioe.org>
Source record: 48432

art wrote:

> pertinent to what I have said. Maybe a new thread would be better
> before I start out on explaining new thoughts about antennas which are
> away from the traditional designs which really requires an open mind

Art:

You are correct. I have always longed for a "proper" newsgroup for
these discussions, maybe:

rec.amateur.ridiculous.antenna
rec.amateur.unconventional.antenna
rec.amateur.alien-designed.antennas
rec.amateur.mystic-psychic.antennas
rec.amateur.opium-dreams.antenna
etc.

Only kidding a bit here, but who cares its name, I think it worth while
to strain the sands for a bit or piece of 'theory' which has been
replaced with a 'magic number', which some unexplored, or unused bit of
physics lies behind. One just gets used to using developed formulas and
terms and forgets to question where they came from ...

Indeed, I even suspect we may, eventually, discover time! However, our
earth spinning is NOT it! Nor, I seriously doubt, is the speed of
light, rather these are only two things subject to the "Universal Time
Frame."

At least we should be able to be rid of hecklers!

Regards,
JS

3409. Re: Classic Computer for a Ham Shack

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 21:38:58 UTC
From: Alex <samalex@gmail.com>
Message-ID: <1165268338.115791.307510@80g2000cwy.googlegroups.com>
Source record: 48433
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy

Slow Code wrote:

> Hi Alex, You sound like a brand new no-code Tech. Welcome to ham radio.
>
> All those computers you mentioned will work fine, but if you really want
> to do any serious computer work you're going to want to invest in a Vic
> 20, or a TI-99, or a Commodore 64. Power users swear by'em.
>
> SC

Hi SC,

Yup, I got my tech ticket a few months ago, and I'm now working on learning code and studying for the general ticket. I hope maybe January or February, but not until I can get my ham nook setup in the garage plus move my radio from the car to the garage so I can actually focus on the radio :) It's hard learning how to ragchew while on the interstate. hehe

I do have a C64 on the way, and that plus what I have now should be enough to get me going. Too much fun!

Take care,

Alex

3410. Re: Speaking of I2R losses

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 21:57:51 UTC
From: chuck <nospam@nospam.org>
Message-ID: <1165269555_43439@sp6iad.superfeed.net>
Source record: 48434

Owen Duffy wrote:
> On 4 Dec 2006 06:07:44 -0800, "Denny" <k8do@mailblocks.com> wrote:
>
> ...
>> So I purchased an Infrared measurement gun...
>>
>> <fascinating little instrument - did you know that on a clear day with
>> the air temperature +12.1 F and zero wind, that a 5 foot diameter
>> black rubber tractor tire facing the clear sky to the North can have a
>> surface temp of -2.6 to -3.0 F? I didn't but that is what I found...
>> OK, I digress again>
>
> It is not such a digression.
>
> You should do make measurements of the temperature of different
> materials that you know are at the same temperature, and see what
> results you get from your non-contact thermometer.
>
> The emissivity of the surface is an important factor that limits the
> absolute accuracy of these things.
>
> It is an interesting experiment that you have described, though I am
> not sure that surface temperature (if it is accurate) alone is a good
> indicator of the power flow to the air. For example, would you expect
> that the temperatures of natural coloured and black aluminium heatsink
> to be the same if dissipating the same (non zero) power in the same
> environment? Extending that to your experiment, is dark enamelled
> copper wire (as may be used in a coil) a better black body radiator
> than bright aluminium (as may be used in a capacitor).
>
> Owen
> --

And of course, the magnitude of the surface area over which the power is
being dissipated will also influence the temperature rise of the small
area being measured by the instrument.

Measured temperature differences of the same material and at the same
distance (under different experimental conditions) are likely to be more
accurate than absolute measurements with unknown emissivity.

Chuck

-----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups

-----= East and West-Coast Server Farms - Total Privacy via Encryption =----

3411. Re: Speaking of I2R losses

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 22:08:02 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <a%0dh.195$%57.142@newsfe09.lga>
Source record: 48435

K8DO writted: :-)

>>So I purchased an Infrared measurement gun...<

So what kind and price?

73 Yuri

3412. I have a doubt in smith chart

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 22:13:15 UTC
From: money <ezzee_rajesh@hotmail.com>
Message-ID: <1165270395.303246.31220@f1g2000cwa.googlegroups.com>
Source record: 48436

I have a circuit in which there is a series capacitance of value 680 pF. The characteristic impedance of the line is 50 ohms. Can any suggest how do i plot the capacitance in the smith chart.

If suppoe it was a parallel capacitance, how do i do it?

3413. Re: I have a doubt in smith chart

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 22:41:16 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <fb89n21ev98gvlb7rd2tlnp7lb6aumene6@4ax.com>
Source record: 48437

On 4 Dec 2006 14:13:15 -0800, "money" <ezzee_rajesh@hotmail.com>
wrote:

>I have a circuit in which there is a series capacitance of value 680
>pF. The characteristic impedance of the line is 50 ohms. Can any
>suggest how do i plot the capacitance in the smith chart.
>
>If suppoe it was a parallel capacitance, how do i do it?

I doubt this is a very effective communications channel for an
introduction to the Smith Chart, you need pictures.

Google for "smith chart tutorial", you will find plenty, and amongst
them you should find a suitable intro.

Owen
--

3414. Re: I have a doubt in smith chart

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 22:53:05 UTC
From: money <ezzee_rajesh@hotmail.com>
Message-ID: <1165272785.820534.260690@j44g2000cwa.googlegroups.com>
Source record: 48438

Owen Duffy wrote:
> On 4 Dec 2006 14:13:15 -0800, "money" <ezzee_rajesh@hotmail.com>
> wrote:
>
> >I have a circuit in which there is a series capacitance of value 680
> >pF. The characteristic impedance of the line is 50 ohms. Can any
> >suggest how do i plot the capacitance in the smith chart.
> >
> >If suppoe it was a parallel capacitance, how do i do it?
>
> I doubt this is a very effective communications channel for an
> introduction to the Smith Chart, you need pictures.
>
> Google for "smith chart tutorial", you will find plenty, and amongst
> them you should find a suitable intro.
>
> Owen
> --

Yep thanx

3415. Re: I have a doubt in smith chart

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 23:30:05 UTC
From: K7ITM <k7itm@msn.com>
Message-ID: <1165275005.175004.53130@j44g2000cwa.googlegroups.com>
Source record: 48439

money wrote:
> I have a circuit in which there is a series capacitance of value 680
> pF. The characteristic impedance of the line is 50 ohms. Can any
> suggest how do i plot the capacitance in the smith chart.
>
> If suppoe it was a parallel capacitance, how do i do it?

Owen's right. A picture is worth, generally, about a kiloword.

I'd also recommend you download one of the free Smith chart programs. You may also even find a decent web aplet that will plot directly in your browser window.

For a quick more direct answer: for a series capacitance, plot on the impedance grid. The capacitance must be converted first to a capacitive reactance: Xc = -1/(2*pi*f*C). That is the length you need to move along an arc of a circle passes through your starting point and is tangent to the unit circle at infinite impedance. You will see some of these plotted on an impedance grid; your starting point may already lie on one of the plotted ones. For example, if the chart is normalized to 50 ohms, the 50+j0 point lies at the center of the chart. Let's say that the starting point is 25 ohms, and the frequency is 9.36MHz. Then the capacitive reactance will move you counterclockwise (in the normal presentation of the chart) along the arc that passes through the 25 ohm point (or the 0.5 point on a chart normalized to 1 ohm), about 35 degrees, to 25-j25 ohms. That should not be a surprise: the reactance of the capacitor at 7MHz is 25 ohms capacitive; an impedance of -j25 ohms. Series impedances simply add.

For a parallel capacitance, find the suseptance of the capacitor at the frequency of interest, and follow a arc of constant conductance on the admittance overlay for the Smith chart. Remember, admittances of parallel components add, just as impedances of series components add. For the case in point, again at 9.36 MHz, you should go clockwise about 75 degrees along the arc of a circle which is tangent to the unit circle at impedance = 0 (infinite admittance) and end up at an admittance of 0.04+j0.04 mhos, or an impedance of 12.5-j12.5 ohms.

If you go back to the first example, with a series 680pF capacitance, and then add a shunt inductance, you will travel from the 25-j25 ohm point, counterclockwise along a constant conductance circle. If you make the inductance 850nH, you will find that you end up at an impedance of 50 ohms: you have matched the original 25 ohms to a 50 ohm system, at that frequency, with an "L" network. The Smith chart lets you visualize the match very quickly, once you are comfortable with it.

A computerized Smith chart made the numbers above much easier than the words!

Cheers,
Tom

3416. Re: Speaking of I2R losses

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-04 23:52:22 UTC
From: K7ITM <k7itm@msn.com>
Message-ID: <1165276342.052156.123540@j44g2000cwa.googlegroups.com>
Source record: 48440

Owen Duffy wrote:
> On 4 Dec 2006 06:07:44 -0800, "Denny" <k8do@mailblocks.com> wrote:
>
> ...
> >So I purchased an Infrared measurement gun...
> >
> ><fascinating little instrument - did you know that on a clear day with
> >the air temperature +12.1 F and zero wind, that a 5 foot diameter
> >black rubber tractor tire facing the clear sky to the North can have a
> >surface temp of -2.6 to -3.0 F? I didn't but that is what I found...
> >OK, I digress again>
>
> It is not such a digression.
>
> You should do make measurements of the temperature of different
> materials that you know are at the same temperature, and see what
> results you get from your non-contact thermometer.
>
> The emissivity of the surface is an important factor that limits the
> absolute accuracy of these things.
>
> It is an interesting experiment that you have described, though I am
> not sure that surface temperature (if it is accurate) alone is a good
> indicator of the power flow to the air. For example, would you expect
> that the temperatures of natural coloured and black aluminium heatsink
> to be the same if dissipating the same (non zero) power in the same
> environment? Extending that to your experiment, is dark enamelled
> copper wire (as may be used in a coil) a better black body radiator
> than bright aluminium (as may be used in a capacitor).
>
> Owen
> --

Actually, unless the heat sink gets pretty hot relative to its surroundings, a large percentage of the heat loss is convective, not radiative, assuming we're operating in air at normal atmospheric pressures. It all gets much more interesting in a good vacuum.

If I got the numbers right, for example, blackbody radiation at 280K is about 35 milliwatts/cm^2, and at 300K it's about 46 milliwatts/cm^2. So 20C above roughly room temperature ambient gets you a whopping net 11 milliwatts/cm^2 to radiation. (Fins facing each other don't help radiation, but do help convection.)

Cheers,
Tom

3417. Re: Yagi efficiency

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 00:00:46 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <OE2dh.2570$Qa7.2132@trnddc03>
Source record: 48441

"John Smith" <assemblywizard@gmail.com> wrote in message
news:el21ge$e4$1@aioe.org...
> Jerry Martes wrote:
>> Hi Denny
>>
>> The fact is, I probably get "ruffled" too easily, probably because I'm
>> insecure. I'm not the sharpest antenna designer around.
>> My way of antenna design relies mainly on actual, measured data, so I
>> am a little short on convincing theoretical data. But, my approach to
>> determining relative efficiency would be based on measured data.
>> If *I* had made any statement on the efficiency of *any* antenna, you
>> can be sure I would include some measured data. Measuring Yagi antenna
>> loss is probably too mundane for Art. He already knows things that would
>> require me months of testing to 'check up on'.
>> If I wanted to know the "I squared R loss" efficiency of one antenna
>> compared to another antenna, I'd need to conduct time consuming
>> experiments.
>>
>> Jerry
>>
>>
>>
>>
>>
>>
>> "Denny" <k8do@mailblocks.com> wrote in message
>> news:1165235141.162037.3260@16g2000cwy.googlegroups.com...
>>> Jerry, if I came across a bit loud I apologize.. I usually skim down
>>> the latest chatter and then just post to the group off the bottom
>>> message, often having no direct bearing on the particular post it spins
>>> off from... Also, I skim a number of groups and topics and I run a
>>> business so I can miss a post that puts a different spin on things...
>>> If I ruffled your feathers it was not intentional...
>>> Let me comment that I absolutely agree with you that claiming a Yagi is
>>> inefficient from the perspective of I2R losses shows a lack of basic
>>> knowledge... Having said that, let me also note that closing the
>>> spacing, i.e. tighter than the classical Yagi-Uda array, and putting
>>> the beam into Supergain territory has consequences... Moxon has a non
>>> mathematical discussion of the supergain antennas with a graph of
>>> spacing v/s gain v/s impedence, and I Krauss mentioned that he designed
>>> his flat top array stimulated from a paper by Brown (I think it was)
>>> where he discussed arrays that have more than additive gain by tight
>>> spacing... Anyway I digress; the point of all this mumble is that these
>>> supergain "Yagi" arrays can have quite high I2R losses... But the

>>> commercial Yagi-Uda today is not in that class...
>>>
>>> Anyway, Cheers ... denny / k8do
>>>
>>
>>
>
> Jerry:
>
> I didn't really disagree with you, ALL antennas are 100% efficient
> radiators (dummy loads are excellent too!), only a real fool would argue
> that one!
>
> But this is california, I don't need the infrared radiations all that
> much; never had trouble with ice sickles on the 'tenna. <grin>.
>
> Warmest regards,
> JS

Hi John

I didnt mean to imply that any antenna is 100 percent efficient. I would suggest that the amount of power lost to I squared R losses in a well built Yagi would be so low that they would be time consuming to evaluate.

I have even thought about how I'd try testing the I^2R losses in a Yagi, as compared to another antenna design. But, that would be long learning process for me.

I'd sure like to see Art's data before I'd start a test of yagi efficiency.

Jerry

3418. Re: Speaking of I2R losses

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 00:06:32 UTC
From: K7ITM <k7itm@msn.com>
Message-ID: <1165277191.600390.168210@79g2000cws.googlegroups.com>
Source record: 48442

Owen Duffy wrote:
> On 4 Dec 2006 06:07:44 -0800, "Denny" <k8do@mailblocks.com> wrote:
>
> ...
> >So I purchased an Infrared measurement gun...
> >
> ><fascinating little instrument - did you know that on a clear day with
> >the air temperature +12.1 F and zero wind, that a 5 foot diameter
> >black rubber tractor tire facing the clear sky to the North can have a
> >surface temp of -2.6 to -3.0 F? I didn't but that is what I found...
> >OK, I digress again>
>
> It is not such a digression.
>
> You should do make measurements of the temperature of different
> materials that you know are at the same temperature, and see what
> results you get from your non-contact thermometer.
>
> The emissivity of the surface is an important factor that limits the
> absolute accuracy of these things.
>
> It is an interesting experiment that you have described, though I am
> not sure that surface temperature (if it is accurate) alone is a good
> indicator of the power flow to the air. For example, would you expect
> that the temperatures of natural coloured and black aluminium heatsink
> to be the same if dissipating the same (non zero) power in the same
> environment? Extending that to your experiment, is dark enamelled
> copper wire (as may be used in a coil) a better black body radiator
> than bright aluminium (as may be used in a capacitor).
>
> Owen
> --
(I apologize for not thinking of this in time to include it in my
previous posting...)

Remember, too, that what looks "black" to us in the visible spectrum
may be quite different over the spectrum including most of the
radiation, especially when the object is only about 250K to 350K. At
300K, the peak of black body radiation occurs at about 10 microns, less
than 1/10000th the frequency of visible light. I suppose heat sinks
are dyed black more because we think they should look black than
because it does any good thermally. And avoid buying heat sinks that
are PAINTED black; the paint just adds to the thermal resistance.

Cheers,
Tom

3419. Re: A gaussian style radiating antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 00:20:37 UTC
From: Mike Lucas <w5chr@bellsouth.net>
Message-ID: <lX2dh.43$hD6.6@bignews8.bellsouth.net>
Source record: 48443

"art" <aunwin@insightbb.com> wrote in message
news:1165275558.078044.58980@80g2000cwy.googlegroups.com...

massive snip

Art: Do you know what a blithering idiot is??? Well, you're starting to
blither pretty often.

Mike W5CHR
Memphis

3420. Re: KTN4GN inviting people to monitor FOUO, was: Re: K4YZ have told CAP you intend to violate FOUO frequncy info?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 00:22:11 UTC
From: Mark@kb9rqz.aprs
Message-ID: <npe9n29rb19av88lgku7q2bafifrv7k9q7@4ax.com>
Source record: 48444
Cross-posted to: rec.radio.amateur.antenna,rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

```
On 4 Dec 2006 13:34:37 -0800, "Billy cumgobbler Smith"
<billy_shittydrawers_smith@yahoo.com> wrote:

>
>Mark@kb9rqz.aprs wrote:
>> On 4 Dec 2006 07:19:53 -0800, "Not Cocksucker Lloyd"
>> <not_time_turd_lloyd@yahoo.com> wrote:
>>
>> >
>> >Mark@kb9rqz.aprs wrote:
>> >> On 3 Dec 2006 09:37:35 -0800, hot-ham-and-cheese@hotmail.com wrote:
>> >>
>> >> >
>> >> >Slow Code wrote:
>> >> >> hot-ham-and-cheese@hotmail.com wrote in
>> >> >> news:1165086130.017402.217720@16g2000cwy.googlegroups.com:
>> >> >>
>> >> >> >
>> >> >> > Slow Code wrote:
>> >> >> >> hot-ham-and-cheese@hotmail.com wrote in
>> >> >> >> news:1164938185.794275.103550@j44g2000cwa.googlegroups.com:
>> >> >> >>
>> >> >> >> >
>> >> >> >> > kb9rqz-1@hotmail.com wrote:
>> >> >> >> >> K4YZ wrote:
>> >> >> >> >> > hot-ham@hotmail.com wrote:
>> >> >> >> >> >
>> >> >> >> >> > > So what was it all about???
>> >> >> >> >> > >
>> >> >> >> >> > > Monitoring CAP FOUO communications.
>> >> >> >> >> > >
>> >> >> >> >> > > I recall K4YZ/KTN4GN inviting people to monitor him and he would
>> >> >> >> >> > > send an SWL confirmation.
>> >> >> >> >> > >
>> >> >> >> >> > > Hi! So much for FOUO.
>> >> >> >> >> >
>> >> >> >> >> > Uh huh.
>> >> >> >> >> >
>> >> >> >> >> > And nowhere in my QRZ bio did I mention operating
>> >> >> >> >> > frequencies, net
>> >> >> >> >> > times, operational objectives, etc.
>> >> >> >> >>
```

>> >> >> >> >> so?
>> >> >> >> >
>> >> >> >> > WWW.QRZ.COM search "K4YZ"
>> >> >> >> >
>> >> >> >> >> > FOUO maintained...Brain made a fool of...Again...
>> >> >> >> >>
>> >> >> >> >> maybe maybe not
>> >> >> >> >>
>> >> >> >> >> have you told CAP you intend to confirm FOUO freqs and time
>> >> >> >> >
>> >> >> >> > This is where his innocense falls apart. Somehow he's going to
>> >> >> >> > confirm an SWL card with "I can neither confirm nor deny..."
>> >> >> >> > Riiiiight.
>> >> >> >> >
>> >> >> >> > PopComm needs to beware publishing this idiot's letters.
>> >> >> >>
>> >> >> >> You really are a bitter ham.
>> >> >> >
>> >> >> > At least I'm a ham. That can't be said of you.
>> >> >> >
>> >> >> >> Lack of CW in the radio diet will do that to
>> >> >> >> you.
>> >> >> >
>> >> >> > Nope, being accused of molesting Boy Scouts did it for me.
>> >> >> >
>> >> >> > Everything that K4YZ/KTN4GN says is suspect and needs to be
>> >> >> > scrutinized.
>> >> >> >
>> >> >> > For example, his Civil Air Patrol FOUO letter that was published in the
>> >> >> > Nov 2006 issue of PopComm completely contradicts his QRZ.COM/K4YZ offer
>> >> >> > to confirm his CAP communications.
>> >> >> >
>> >> >> > That is what this thread is about... if you'd care to stay on topic.
>> >> >> >
>> >> >> >
>> >> >> >> Just look at all the hate on eleven meters.
>> >> >> >
>> >> >> > I wouldn't know, but there's no need to look there. The hate is
>> >> >> > already on RRAP, and K4YZ fosters most of it. When this group becomes
>> >> >> > moderated, I expect K4YZ to be banned. He'll have to hang out on the
>> >> >> > Nurse or CAP yahoo groups of his own creation and moderation.
>> >> >> >
>> >> >> >> Those people are even
>> >> >> >> gunning each other down in shopping mall parking lots.
>> >> >> >>
>> >> >> >> SC
>> >> >> >
>> >> >> > What a coincidence. K4YZ has offered to "meet" several hams at the
>> >> >> > Dayton Hamfest, and there's a lot of hamfest parking at the shopping
>> >> >> > mall.

>> >> >>
>> >> >>
>> >> >> The only hate I see, is the hate most everyone here has for the CW test.
>> >> >
>> >> >I learned it. I passed it. I see it as irrelevant government hurdle
>> >> >to be passed. It serves no regulatory purpose in the ARS. No other
>> >> >mode has a stand alone exam that denies access to HF.
>> >>
>> >> congrats on managing wqish I had had any luck with it
>> >>
>> >> >
>> >> >> But that's about it. How'd ya like the boy scouts?
>> >> >>
>> >> >> SC
>> >> >
>> >> >Fantastic organization. Lots of activities. I'd recommend
>> >> >boy/girl/venture scouting to any youth. Keeps them busy and they stay
>> >> >out of trouble and off of drugs.
>> >>
>> >> I have Issues with the BSA as a organization BB. given the way my
>> >> private has been invaded and praded by Steve and his freind I suspect
>> >> I need not explain why we disagree about the BSA
>> >
>> >You sure don't have issues with NAMBLA, huh, Marqueer the charter
>> >member?
>>
>> I have never said anything in support of Nambla woger
>
>Sure you do, Marquer, you want to convert everybody to your perverted
>lifestyle.

No Woger I have never spoken in suport of NAMBLA nor would I pseeack
in support of them with respect to anything but adknowledging their
RIGHT to a free speech

I have also never tried to convert ANYBODY to my lifestyle woger
>
>> it says some pretty stpid thing and few true tone and smaller and of
>> less
>
>What do you care, you do what they condone!

only in your demented dreams woger
>
>> indeeed I don't recall namble ever coming out here in RRAP woger
>
>You don't even recall your own name, Marqueer, since you never post
>under it, either.

here I post under my call you post under neither your name or your
call

http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3421. Re: Speaking of I2R losses

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 00:45:42 UTC
From: K7ITM <k7itm@msn.com>
Message-ID: <1165279542.487094.45970@73g2000cwn.googlegroups.com>
Source record: 48445

K7ITM wrote:
> Owen Duffy wrote:
> > On 4 Dec 2006 06:07:44 -0800, "Denny" <k8do@mailblocks.com> wrote:
> >
> > ...
> > >So I purchased an Infrared measurement gun...
> > >
> > ><fascinating little instrument - did you know that on a clear day with
> > >the air temperature +12.1 F and zero wind, that a 5 foot diameter
> > >black rubber tractor tire facing the clear sky to the North can have a
> > >surface temp of -2.6 to -3.0 F? I didn't but that is what I found...
> > >OK, I digress again>
> >
> > It is not such a digression.
> >
> > You should do make measurements of the temperature of different
> > materials that you know are at the same temperature, and see what
> > results you get from your non-contact thermometer.
> >
> > The emissivity of the surface is an important factor that limits the
> > absolute accuracy of these things.
> >
> > It is an interesting experiment that you have described, though I am
> > not sure that surface temperature (if it is accurate) alone is a good
> > indicator of the power flow to the air. For example, would you expect
> > that the temperatures of natural coloured and black aluminium heatsink
> > to be the same if dissipating the same (non zero) power in the same
> > environment? Extending that to your experiment, is dark enamelled
> > copper wire (as may be used in a coil) a better black body radiator
> > than bright aluminium (as may be used in a capacitor).
> >
> > Owen
> > --
> (I apologize for not thinking of this in time to include it in my
> previous posting...)
>
> Remember, too, that what looks "black" to us in the visible spectrum
> may be quite different over the spectrum including most of the
> radiation, especially when the object is only about 250K to 350K. At
> 300K, the peak of black body radiation occurs at about 10 microns, less
> than 1/10000th the frequency of visible light. I suppose heat sinks
> are dyed black more because we think they should look black than
> because it does any good thermally. And avoid buying heat sinks that
> are PAINTED black; the paint just adds to the thermal resistance.

>
> Cheers,
> Tom

Shoot, make that "less than 1/10th the frequency of visible light," but still darned little radiated in the visible region.

There's cool 'speriment using a spherical flask of visibly opaque liquid to focus IR radiation to a point where you can feel it very easily. What you see in the visible spectrum isn't what IR "sees."

Cheers,
Tom

3422. Re: I have a doubt in smith chart

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 01:12:04 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <EH3dh.2104$lb1.1410@trnddc05>
Source record: 48446

"money" <ezzee_rajesh@hotmail.com> wrote in message
news:1165270395.303246.31220@f1g2000cwa.googlegroups.com...
>I have a circuit in which there is a series capacitance of value 680
> pF. The characteristic impedance of the line is 50 ohms. Can any
> suggest how do i plot the capacitance in the smith chart.
>
> If suppoe it was a parallel capacitance, how do i do it?

Hi Money

A purely reactive load, plots on the circumference (or perimeter) of the Smith Chart. It plots on the lower half (the minus impedance half) if it is capacitive, as in your case.

If you pick a frequency around 10 MHz, the capacitor will have close to 75 ohms X sub C.
Since you are working with a 50 ohm line, 75 is plotted on the lower half of the chart, at its perimeter and with a value of 75/50, or, 1.5 on the chart.

I really like getting help thru Wikipedia. If you read a few of their sites on "Smith Chart" and still have questions, I'd be happy to tell you what little I know about Smith Charts.

Jerry

3423. Re: A gaussian style radiating antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 01:17:45 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <ZM3dh.2106$lb1.1401@trnddc05>
Source record: 48447

"art" <aunwin@insightbb.com> wrote in message
news:1165279422.046531.223580@l12g2000cwl.googlegroups.com...
> Pray tell me what is it in my posting that inflamed you as a self
> chosen judge
> to pass judgement on me?
>
> Mike Lucas wrote:
>> "art" <aunwin@insightbb.com> wrote in message
>> news:1165275558.078044.58980@80g2000cwy.googlegroups.com...
>>
>> massive snip
>>
>> Art: Do you know what a blithering idiot is??? Well, you're starting to
>> blither pretty often.
>>
>> Mike W5CHR
>> Memphis
>

Hi Art

I sure wouldnt pass judgment on you thru a news group. And I dont think
Mike should be "self appointed". So, if it ever comes to a vote, he's
getting my vote

Jerry.

3424. Need a new website?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 01:26:03 UTC
From: tolga@tolgasenel.com
Message-ID: <1165281963.329865.34120@l12g2000cwl.googlegroups.com>
Source record: 48448

Hello friends,

If you need a new website, we are offering the best and most affordable services ever. Our new Website Builder tool will allow you to create custom designed, professional Flash websites in matter of hours...Check out our rates, as little as 12.95$ a month, on our website. No computer knowledge or experience is neccessary. No extra charge for domain registration, web hosting or computer support. Check out our packages starting at 12.95/month today!

http://www.MyBestDealEver.com (My Best Deal Ever.com)

thank you,

info@MyBestDealEver.com

(813) 317-6226

3425. Re: Auto tuners & verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 01:37:58 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <e8j9n2d300brivsaona685ql8o4esg7nd3@4ax.com>
Source record: 48449

On Mon, 04 Dec 2006 19:43:55 GMT, Owen Duffy <owen@no.where> wrote:

>On Mon, 4 Dec 2006 14:47:34 +0000, Ian White GM3SEK
><gm3sek@ifwtech.co.uk> wrote:
>

There are three articles that may be of interest (John
>and others):
>
>http://www.vk1od.net/NaroomaEFW/NaroomaEFW.htm
>
>http://www.vk1od.net/InvertedL/InvertedL.htm
>
>http://www.vk1od.net/multibandunloadedvertical/index.htm
>
>Some have mentioned avoiding high impedance resonances as they will
>damage the tuner. Some of the articles above predict the voltage
>impressed on the tuner, and for longish wires, it isn't nearly as
>severe as using one of these tuners on 2.4m long mobile whip (as
>people do, and in compliance with the tuner user manual).
>
>Taking a system view, all three of the articles show that there is a
>lower frequency limit to efficient operation of the antenna system,
>and the major contibutions to loss.
>
>Ground loss is commonly the most signigicant element for minimal
>installations.
>
>It seems obvious that in order to reduce ground loss, one should
>improve the ground system. Taking that system perspective, one of the
>ways (and it may be the best way in most situations) to reduce ground
>loss is to lengthen the radiator.
>
>Owen
There is a lot to digest there... I am still at it
John Ferrell W8CCW

3426. Re: Speaking of I2R losses

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 01:39:19 UTC
From: jawod <jawod@fuse.net>
Message-ID: <4574CDC7.7040901@fuse.net>
Source record: 48450

> stannous float bath soda glass...

Denny

Please, what is this? stannous float? something to do with tin?

Thanks

John
AB8O

3427. Re: Auto tuners & verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 01:50:54 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <pvj9n299qc2psc0nd7j131rdaqnjf01j1d@4ax.com>
Source record: 48451

On Mon, 04 Dec 2006 06:49:11 GMT, Owen Duffy <owen@no.where> wrote:

>On Sun, 03 Dec 2006 23:13:38 -0500, John Ferrell
><johnferrell@sprintmail.com> wrote:
>
>>I am considering purchasing a remote auto tuner for my continuing
>>tinkering with verticals. My current focus is on 80-160 meters with
>>33+ foot verticals. The auto tuners specs claim a max inductance of
>>around 32 uh. The tuners computed with the ARRL program TLW20 require
>>much larger values of inductance.
>>
>
>Did you model the exact circuit of the SGC tuner? IIRC they use a
>l/pi-l configuration and an autotransformer.
>
>>Will the Auto tuner (SGC-237) that claims to match any wire greater
>>than 28 feet long really do it?
>
>The demands on the tuner will depend on how good a ground system you
>build. If you use a poor ground system, a side benefit of the poor
>efficiency is a subtantial amount of resistance in the feedpoint
>impedance, though you are probably still looking at thousands of ohms
>of capacitive reactance. If on the other hand you have an outstanding
>ground system, the very low value of feedpoint R becomes challenging
>for the tuner, and the efficiency you saved with the gound system
>might be lost in the tuner.
>
>Of course, the other option is to lengthen the vertical to raise the
>radiation resistance so that it is not totally swamped by ground
>system resistance.
>
>Back to you question, will you get a match? If the tuner lives up to
>its specification, you should... but you are looking at the world
>through your VSWR meter, and that is a very limited view!
>
>Owen
The SGC-237 is on order!
I appreciate the help in making my decision.
John Ferrell W8CCW

3428. Re: A gaussian style radiating antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 02:10:17 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1165284617.308290.238350@j44g2000cwa.googlegroups.com>
Source record: 48452

Art,

You'd get a lot more people who would be able to listen to what you're saying if you drew a picture and posted it somewhere.

Dan

3429. Re: Guide Lines for this news group

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 02:39:10 UTC
From: John Doe <hgorden@adelphia.net>
Message-ID: <DPWdnarBO_vQR-nYnZ2dnUVZ_oOdnZ2d@adelphia.com>
Source record: 48453

I second the nomination for a moderated group!
Who do we have to apply to get this done?

"Danny Richardson" <n_group@k6mhe.com> wrote in message
news:tqh3n2h7gjtdevv66fvnmv0be7clnpf019@4ax.com...
> On Sat, 02 Dec 2006 09:48:44 -0800, Bill Turner <noway@nowhow.com>
> wrote:
>
>>ORIGINAL MESSAGE:
>>
>>On Sat, 2 Dec 2006 08:19:07 -0800, "Caveat Lector" <CL@nowhere.com>
>> wrote:
>>
>>>Maybe this will help(a little) to get rid of the off topic posts
>>>
>>>For what this News Group is about and applicable guide lines see URL:
>>>
>>>http://www.faqs.org/faqs/radio/personal-intro/
>>>
>>>Thanks for reading
>>>73 CL
>>>
>>
>>---------- REPLY FOLLOWS ----------
>>
>>Dream on, CL. These guys already know that and they don't care. It's
>>been that way forever. It's the Curse of Usenet.
>>
>>Bill, W6WRT
>
> After years of resisting I'm ready for a moderated antenna group. I've
> used my kill filter more times in the last three months than I've ever
> done in the previous ten years.
>
> I, for one, am sick and tired of the foul-mouth off topic postings
> and, if that requires a moderated group to get rid of them it would be
> a very small price to pay.
>
> Danny, K6MHE
>
>

3430. Re: A gaussian style radiating antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 02:42:10 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <el2m8e$b2q$1@aioe.org>
Source record: 48454

n3ox.dan@gmail.com wrote:
> Art,
>
> You'd get a lot more people who would be able to listen to what you're
> saying if you drew a picture and posted it somewhere.
>
> Dan
>

Dan:

I think we have arrived at the quantum/nano level here, you know, entangled particles, particles which can be in two places at once, particles which exceed the speed of light, it is a no mans land. Indeed, it takes guts to just attempt a discussion on the subject ...

We tend to think at large levels, wavelengths traversing long stretches of conductors, whole capacitor plates, etc. Naturally, even if one is stating correct facts on a quantum level he is going to called an idiot--if he attempts to even advance a theory which encompasses the above, who can resist laughing? None-the-less, it is true, the world of physics becomes upside down (apparently, with our present understanding.) Who can tell a "nut" at this level, everyone is going to look the same here. <grin>

Regards,
JS

3431. Re: A gaussian style radiating antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 02:43:03 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <X05dh.2008$5D1.1546@trnddc06>
Source record: 48455

"art" <aunwin@insightbb.com> wrote in message
news:1165284382.367540.155540@l12g2000cwl.googlegroups.com...
> Jerry, Are you concurring with his judgement that I am a blithering
> idiot and he gets your vote? I find it so hard to believe that
> engineers need only to read the first page of anything and determine
> from that and with their perceived knowledge they can trash a complete
> paper. I am trying to state things in an extremely elementary way so
> that aspiring hams on the side lines can get an understanding of my
> scheme of things with respect to this new antenna array aproach which
> differs from that of a yagi and whose benefits I will get to later if I
> am allowed to
>

Hi Art

Show me some numbers and some data and I'll change my mind. I never said
that you were a blithering idiot. I am not qualified to make a statement
like that about someone I dont know. But, you do write alot of text in
which you apparently dont care about anyone being able to understand.
Blithering idiots do that too.
Please be aware, I really like real technical challenges that dont require
alot of theoretical math type proofs. But, when the challenge is to prove
you wrong (or right) about the "Efficiency" of a Yagi I'd anticipate there
would be some data (measured or calculated) coming from you. I havent seen
the data.

I too find it hard to believe that engineers (in general)need to read only
the first page of a paper in order to understand the entire text. I used to
work with alot of engineers. I really admire their ability to think
analytically. I consider engineers to be smart people , but reading only
one page of a mulitpage document then be sure the entire paper is trash. I
do believe that a perspicacious, experienced engineer has to be able to
perceive if the rest of any paper is worth reading if the first page is
written as though it was authored by a blithering idiot. Otherwise that
engineer could waste alot of valuable time.

I am not an aspiring HAM, but I once was. Now I'm an old, kinda
ignorant, HAM. They are probably quite similar. But, Art, I just have
alot of difficulty trying to understand your posts. Maybe you have a
"paper" that I could study. Tell me where I can read it. I still like to
learn new things.

My advice to you, Art, is Pay close attention to the advice of the
really good engineers that post here on this forum. If you cant identify
them, ask Richard Clark. He's one of them.

3432. Re: Need a new website?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 03:07:09 UTC
From: Danny Richardson <n_group@k6mhe.com>
Message-ID: <deo9n2p2im0bctf02k802m91np4ccvorio@4ax.com>
Source record: 48456

On 4 Dec 2006 17:26:03 -0800, tolga@tolgasenel.com wrote:

>Hello friends,
>
>If you need a new website, we are offering the best and most affordable
>services ever. Our new Website Builder tool will allow you to create
>custom designed, professional Flash websites in matter of hours...Check
>out our rates, as little as 12.95$ a month, on our website. No
>computer knowledge or experience is neccessary. No extra charge for
>domain registration, web hosting or computer support. Check out our
>packages starting at 12.95/month today!
>
>http://www.MyBestDealEver.com (My Best Deal Ever.com)
>
>thank you,
>

Spamers never win!

To prove my point, I can find a much better deal (read more services
at a fraction of the cost) at http://www.1and1.com

3433. Re: Need a new website?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 03:26:49 UTC
From: Allodoxaphobia <bit-bucket@config.com>
Message-ID: <slrnen9pno.1rpf.bit-bucket@shell.config.com>
Source record: 48457

On Mon, 04 Dec 2006 19:07:09 -0800, Danny Richardson wrote:
> On 4 Dec 2006 17:26:03 -0800, tolga@tolgasenel.com wrote:
>
>>Hello friends,
>>
>>If you need a new website, we are offering the best and most affordable
>>services ever. Our new Website Builder tool will allow you to create
>>custom designed, professional Flash websites in matter of hours...Check
>>out our rates, as little as 12.95$ a month, on our website. No
>>computer knowledge or experience is neccessary. No extra charge for
>>domain registration, web hosting or computer support. Check out our
>>packages starting at 12.95/month today!
>>
>>http://www.M****************.com
>>
>>thank you,
>
> Spamers never win!

Maybe not -- but, you help them place or show
BY PROPAGATING THEIR DAMN URLS!

I was never bothered by the original posting -- because, like a lot of
savvy folks, I have original postings out of googlegroups killfiled.

3434. Re: A gaussian style radiating antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 03:55:50 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <a56dh.2011$5D1.691@trnddc06>
Source record: 48458

Hi Art

Since you top post I guess it is appropriate for me to do so also. I assume you make the comment about "fade away" without really expecting to do so. I still want to see data, any data that applies to your statement that Yagiis are inefficient antennas. As far as I know, you are correct about Yagi efficiency. I have been trying to understand how it can be determined that Yagiis are inefficient. At the beginning of this thread, I anticipated reading some data that I could understand. I have begun to think that data on Yagi efficiency probably doesnt exist. I encourage to show that I'm wrong about the data.

Jerry

"art" <aunwin@insightbb.com> wrote in message
news:1165288466.709491.71090@n67g2000cwd.googlegroups.com...
> O.K. Jerry so you are having problems with me and I can understand
> that.
> So are you saying I should put an end to this thread before I get
> deeper into a hole?
> I am a nothing now tho one time I worked for G.E. as an engineer to get
> a retirement pension but that is in the past because I also am old and
> have the normal frailties that come with old age and where maybe I
> should consider myself past it and fade away!
> Many have said that so perhaps I should fade away gracefully and
> continue the hobby in isolation
>
> Jerry Martes wrote:
>> "art" <aunwin@insightbb.com> wrote in message
>> news:1165284382.367540.155540@l12g2000cwl.googlegroups.com...
>> > Jerry, Are you concurring with his judgement that I am a blithering
>> > idiot and he gets your vote? I find it so hard to believe that
>> > engineers need only to read the first page of anything and determine
>> > from that and with their perceived knowledge they can trash a complete
>> > paper. I am trying to state things in an extremely elementary way so
>> > that aspiring hams on the side lines can get an understanding of my
>> > scheme of things with respect to this new antenna array aproach which
>> > differs from that of a yagi and whose benefits I will get to later if I
>> > am allowed to
>> >
>>
>> Hi Art
>>
>> Show me some numbers and some data and I'll change my mind. I never
>> said

>> that you were a blithering idiot. I am not qualified to make a
>> statement
>> like that about someone I dont know. But, you do write alot of text in
>> which you apparently dont care about anyone being able to understand.
>> Blithering idiots do that too.
>> Please be aware, I really like real technical challenges that dont
>> require
>> alot of theoretical math type proofs. But, when the challenge is to
>> prove
>> you wrong (or right) about the "Efficiency" of a Yagi I'd anticipate
>> there
>> would be some data (measured or calculated) coming from you. I havent
>> seen
>> the data.
>>
>> I too find it hard to believe that engineers (in general)need to read
>> only
>> the first page of a paper in order to understand the entire text. I used
>> to
>> work with alot of engineers. I really admire their ability to think
>> analytically. I consider engineers to be smart people , but reading
>> only
>> one page of a mulitpage document then be sure the entire paper is trash.
>> I
>> do believe that a perspicacious, experienced engineer has to be able to
>> perceive if the rest of any paper is worth reading if the first page is
>> written as though it was authored by a blithering idiot. Otherwise
>> that
>> engineer could waste alot of valuable time.
>>
>> I am not an aspiring HAM, but I once was. Now I'm an old, kinda
>> ignorant, HAM. They are probably quite similar. But, Art, I just
>> have
>> alot of difficulty trying to understand your posts. Maybe you have a
>> "paper" that I could study. Tell me where I can read it. I still like
>> to
>> learn new things.
>>
>> My advice to you, Art, is Pay close attention to the advice of the
>> really good engineers that post here on this forum. If you cant
>> identify
>> them, ask Richard Clark. He's one of them.
>

3435. Re: Challenger DX opinions?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 03:58:19 UTC
From: Charlie <charlie@ease.biz>
Message-ID: <12n9rkh6sh3ij85@corp.supernews.com>
Source record: 48459

Egg Zackly!!!

--

73,Charlie-AD5TH
www.ad5th.com

"Michael Coslo" <mjc5@psu.edu> wrote in message
news:el1m7j$19pa$1@f04n12.cac.psu.edu...
> Charlie wrote:
>> I like the Hustler BTV line of verticals. Had my 5-BTV up over 2 years
>> now and it works a treat. Whichever vertical you settle on invest some
>> time into a ground radial system if it is to be a ground mounted antenna.
>
>
> I'd venture that the ground radials are more important than the antenna
> itself. Not very glamorous perhaps, but critical.
>
> - 73 de Mike KB3EIA -
>

3436. Space modulation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 05:05:44 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <d97dh.197$uY1.144@bignews7.bellsouth.net>
Source record: 48460

I was going through some FAA course material on Instument Landing Systems and the term SPACE MODULATION was mentioned several times. What the heck is this. From what I gather signals modulate each other out in space without benifit of any nonlinear device. I personally beleave this cannot happen but here is a reference to an FAA document.I assume they know what they are talking about.

Abstract : The report describes an investigation into the cause of incompatibility between ground and airborne measurements of VOR space modulation when using the latest flight inspection receiver, FA-4165:3A. The effort included a survey of the existing procedures and equipment used throughout the FAA, an evaluation of the ground measurement technique, and an evaluation of the airborne measurement technique. The result of the investigation identified problem areas with both the ground and airborne techniques.

I suspect that space modulation is more of a concept used to more easily understand/teach the operation of ILS systems and that actual modulation takes place in the receiver.

Jimmie

3437. Re: Speaking of I2R losses

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 05:18:25 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <hgv9n2dfoek27g4mdo0f6g0ugtcb7kdm7e@4ax.com>
Source record: 48461

On 4 Dec 2006 06:07:44 -0800, "Denny" <k8do@mailblocks.com> wrote:

><fascinating little instrument - did you know that on a clear day with
>the air temperature +12.1 F and zero wind, that a 5 foot diameter
>black rubber tractor tire facing the clear sky to the North can have a
>surface temp of -2.6 to -3.0 F? I didn't but that is what I found...
>OK, I digress again>

Hi Denny,

More fascinating was that everyone missed the significance of the
reported temperature.

>The coil was found to be +12.9 to +13.1 F and the condenser plates were
>+31.5 to +32.3 F... A result which sent me away mumbling to myself...
>Not what I expected...

OK, another surprise.

>we all know that condensers are 100%
>efficient and coils are lossy - right?...

Of course, and then the conversation went towards power factors and
such. Didn't Georg Simon Ohm die for all your sins, folks?

You need another specialized piece of test gear - in tribute to our
departed Reggie's folk-hero: a Kelvin Bridge Ohm Meter. Don't ask for
one at Radio Shack. When (and if) you get one, try measuring the
resistance of your home made cap (and I don't mean lead-to-lead, but
lead-to-plate, and for each plate, and for each lead connection).

For those who would press a Radio Shack Ohm Meter into this service, a
gratuitous -Chuckle-

73's
Richard Clark, KB7QHC

3438. Re: Space modulation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 05:22:11 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <el2vketbq1@aioe.org>
Source record: 48462

Jimmie D wrote:
> I was going through some FAA course material on Instument Landing Systems
> and the term SPACE MODULATION was mentioned several times. What the heck is
> this. From what I gather signals modulate each other out in space without
> benifit of any nonlinear device. I personally beleave this cannot happen but
> here is a reference to an FAA document.I assume they know what they are
> talking about.
>
> Abstract : The report describes an investigation into the cause of
> incompatibility between ground and airborne measurements of VOR space
> modulation when using the latest flight inspection receiver, FA-4165:3A. The
> effort included a survey of the existing procedures and equipment used
> throughout the FAA, an evaluation of the ground measurement technique, and
> an evaluation of the airborne measurement technique. The result of the
> investigation identified problem areas with both the ground and airborne
> techniques.
>
> I suspect that space modulation is more of a concept used to more easily
> understand/teach the operation of ILS systems and that actual modulation
> takes place in the receiver.
>
> Jimmie
>
>

Sounds like it would need my set of "imaginary numbers" to define ...

Regards,
JS

3439. Re: Speaking of I2R losses

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 06:20:34 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1165299634.167500.241200@f1g2000cwa.googlegroups.com>
Source record: 48463

Richard, I doubt many of us have to go buy a Kelvin Bridge Ohmmeter
from eBay to get what you're after.

I've got a Radio Shack meter with a 300mV scale; I've got a hefty power
supply with current limit, and I've got a 55 watt, 12V fog lamp. I'll
admit, I had to think pretty hard to figure out where I had a load
resistor to keep my power supply from going into overcurrent shutdown,
but it's on the premises, so it counts ;-)

I think I can do milliohm measurements of no more dubious accuracy than
the voltage and current accuracy of my Radio Shack meter in the
vicinity of 4.5A and 4.5mV

Long live four wire resistance measurements! Denny, I'd be interested
in whether or not lead resistance was a major loss component if you
want run a few amps DC through your cap lead / plate connection and
measure the voltage drop.

73,
Dan

3440. Re: A gaussian style radiating antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 06:25:08 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <me2an25fln0pdo7cpt64n9egd4lij6rq02@4ax.com>
Source record: 48464

On Tue, 05 Dec 2006 03:55:50 GMT, "Jerry Martes"
<j.jmartes@verizon.net> wrote:

>I have been trying to understand how it can be
>determined that Yagiis are inefficient.

Hi Jerry,

That, in fact, is quite very simple.

Allow that every living person on this planet (arbitrarily assign that number to be 6 Billion) has a receiver that is receiving you with arm chair copy (arbitrarily assign that to be 10dB over S-9) to your signal (arbitrarily assign that to be 100W) applied to your antenna (arbitrarily assumed to be a Yagi).

What is the Yagi efficiency?

S-9 is 50ï¿½V into 50 Ohms and through various mental gymnastics we can pin that down to being 50 picoWatts - but wait! There's 10dB more! call it ï¿½ nanoWatt....

Aggregate that over the entire Earth's total population eagerly awaiting the news of your power efficiency. 3W total absorption. 3% efficient.

Now, try something simple like raising that efficiency one notch, and still hitting ALL 6 Billion people.

Hint, the Yagi couldn't satisfy this in the first place because of a property called directivity, so a design that is "more efficient" is even more mythical ;-)

I dare say no one here can prove to be 0.001% efficient in these terms. [Must be validated through QSL cards.]

Efficiency: Can't live with it; Can't live without it!

73's
Richard Clark, KB7QHC

3441. Re: Speaking of I2R losses

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 06:31:34 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <nf4an2hv06hntjbi5120nogjb26b49jeo0@4ax.com>
Source record: 48465

On 4 Dec 2006 22:20:34 -0800, "n3ox.dan@gmail.com"
<n3ox.dan@gmail.com> wrote:

>Long live four wire resistance measurements!

Hi Dan,

A Cigar to the man who knows how to parlay Radio Shack into a winner!

73's
Richard Clark, KB7QHC

3442. Re: A gaussian style radiating antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 06:56:40 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <IK8dh.2751$Qa7.840@trnddc03>
Source record: 48466

"Richard Clark" <kb7qhc@comcast.net> wrote in message
news:me2an25fln0pdo7cpt64n9egd4lij6rq02@4ax.com...
> On Tue, 05 Dec 2006 03:55:50 GMT, "Jerry Martes"
> <j.jmartes@verizon.net> wrote:
>
>>I have been trying to understand how it can be
>>determined that Yagiis are inefficient.
>
> Hi Jerry,
>
> That, in fact, is quite very simple.
>
> Allow that every living person on this planet (arbitrarily assign that
> number to be 6 Billion) has a receiver that is receiving you with arm
> chair copy (arbitrarily assign that to be 10dB over S-9) to your
> signal (arbitrarily assign that to be 100W) applied to your antenna
> (arbitrarily assumed to be a Yagi).
>
> What is the Yagi efficiency?
>
> S-9 is 50 V into 50 Ohms and through various mental gymnastics we can
> pin that down to being 50 picoWatts - but wait! There's 10dB more!
> call it nanoWatt....
>
> Aggregate that over the entire Earth's total population eagerly
> awaiting the news of your power efficiency. 3W total absorption. 3%
> efficient.
>
> Now, try something simple like raising that efficiency one notch, and
> still hitting ALL 6 Billion people.
>
> Hint, the Yagi couldn't satisfy this in the first place because of a
> property called directivity, so a design that is "more efficient" is
> even more mythical ;-)
>
> I dare say no one here can prove to be 0.001% efficient in these
> terms. [Must be validated through QSL cards.]
>
> Efficiency: Can't live with it; Can't live without it!
>
> 73's
> Richard Clark, KB7QHC

Hi Richard

All kidding aside, I have actually learned things thru this thread. I had previously considered Efficiency to be a term applied to I squared R losses. Sure, I know about Aperture Efficiency, but I never knew about Beam Efficiency till someone presented a reference to a site mentioning it.

But, if that previous thread referred to a Yagi as being inefficient due to its I squared R losses, I want to see the data supporting that claim.

Incidentally, Pico Blvd doesnt go thru Watts

3443. Re: Space modulation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 07:03:35 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1165298711.095126.199440@f1g2000cwa.googlegroups.com>
Source record: 48467

It is possible to get nonlinear interactions among electromagnetic
waves in plasmas, but you generally need very large amplitudes to get
nonlinearities to kick in.

I'm guessing that "space modulation" has something to do with multipath
reflections or something; the VOR signal that rotates is going to be
modulated by the buildings, mountains, and so forth around the
transmitter, generally, the "space"

Just a guess; I don't really know anything about VOR.

Dan

3444. Re: Space modulation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 09:47:19 UTC
From: Jeff <jeff@local.host>
Message-ID: <45755032$0$1350$834e42db@reader.greatnowhere.com>
Source record: 48468

The only context that I have seen 'Space Modulation' refered to is where information is conveyed by a 'lack of signal'. ie the length of silence conveys information.

Reagrds
Jeff

3445. Re: RoomCap Antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 10:23:59 UTC
From: Dan Andersson <dan@andersson.co.uk>
Message-ID: <5-udnVMruKxd1ejYnZ2dnUVZ8tKdnZ2d@eclipse.net.uk>
Source record: 48469

Felix,

I'm surprised over this test...

What you are implying but not writing is that your RoomCap doesn't work as well as an EH on 160m... I don't think that was what you intended... Hehe

Go home and do some basic math will you... The 160m EH need to be mounted 1/4 of a wavelength up while your RoomCap seems to be a vertical, able or even meant to be used from groundlevel...

If, as you claim, the EH is only 2 S units down? Wow! That's good - even absolutely bloody excellent! Well done EH! Unless the compared antenna is crap of course! And as I have not seen any building description on the RoomCap yet, who can tell...

If that EH where to be mounted at it's design height, you would have won at least 3 to 6dB signal strength, equal to 1 to 2 S units.

Also, the bandwidth of the EH suffers when mounted wrong (to low).

Why can't these testers RTFM before setting out to prove function or no-function of whatever gadgets they want to test?!
It's clearly stated about the mounting height!

However!!!!!

I'm very concerned over your statement about only one (1) S unit down if you rx/tx outside the EH design frequency (bandwidth).

My EH's (proper STAR's) are shortcircuits when outside the bandwidth! This is why they suppress TVI/RFI and harmonics in general as well as preventing the coax to radiate (one of the reasons anyway). If described in S units, the STAR is down 7 to 9 S units (well outside the 3dB bandwidth)if operated outside the bandwidth. It just goes quiet and the bandnoise just vanishes - exactly like the shorted coax it just became...

You just told me the 160m EH you tested radiates from the coax?! As you only had 1 S unit down outside the bandwidth. Bad bad bad! Was that an EH at all?! Or just a short fat dipole?

And guess what... All the EH documentation are available on the net for hams to try... without charges and fees...

//Dan, M0DFI

3446. Re: Speaking of I2R losses

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 13:18:56 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1165324736.473598.195170@73g2000cwn.googlegroups.com>
Source record: 48470
Body handling: HTML body converted to readable text

In my usual habit I'll reply off the bottom of the que... Lots of good comments and suggestions...
In no particular order:
I suspect the surface of the black tire had cooled below ambient by convective radiation... Happens to my windshield on mornings above freezing ambient whilst the windshield will be a skim of ice...
Though the thought of what the tire might read under non-convective conditions occurred and was duly filed away in that great container in my head for further inspection... Actually I use the Rubble Method for filing information.. That is everything in my head is tossed on a great heap of rubble, and as I stir through the pile looking for one item, interesting bits of flotsam and jetsam flow back to the top of the heap for inspection, "oooh ya, I remember that!"

Yes, the thought that there might be unwanted resistance in the connections to the condenser plates occurred and remains to be investigated... The connecting wire is the #10 magnet wire forming the coil and is firmly bolted with #8 brass hardware and flat washers to a 1"x1" tab formed on the edge of the plate when I cut the plates from a sheet...

For Yuri, congratulations on the CQ160 win(s), nice job my friend... Drop me a description of his antenna setup... Wanna be's like me are always looking for an edge...
On the IR gun, it was in the ~$65 range on sale, as their economy model, I don't remember who the internet vendor is, I can get you the make and model if you need it... But just do a search, lots of sources and prices... The little bit I have used it I have been satisfied with the readings - nothing rings my 'no-way, Jose!' meter, so far... The 35' long radiant tube heater in my shop shows ~375-385 F at the mid point from 8 feet away, which is about right as it will not ignite paper on contact though it makes it brown - paper has an ignition temp of ~454 F ... The gun has a
laser spot so you can see where the detector is aimed and the size of the spot is proportional to the area being measured at that distance...

I suspect that dielectric loss in the soda glass is the prime contributor to the temperature rise on the plates... There is a significant amount of joules passing through the glass as strain in the dielectric..

Oh yeah, the question on the type of glass... Bad habits as an old lab rat surfaced when I wrote that... Common window glass is float formed on molten tin, and that is what my old chemical stained brain popped

out as 'stannous'...

On differential IR readings from the surface of various materials - well I can't say for sure as my credentials in thermodynamics are shaky at best (picture me shuddering in pain at the memories of Schrodinger equations and those IBM punch cards we used to program the computer in the physics lab 40 years ago - 'the horror, the horror'..... But, all the materials in the tuner were within a few tenths when at ambient, so I have no reason to suspect a gotcha when midly warmed...

denny / k8do - often confused but never in doubt...

3447. Re: Space modulation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 13:23:18 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <el3rqh$ng9$1@aioe.org>
Source record: 48471

Jeff wrote:
> The only context that I have seen 'Space Modulation' refered to is where
> information is conveyed by a 'lack of signal'. ie the length of silence
> conveys information.
>
> Reagrds
> Jeff
>
>

Jeff:

Darn little info in the silence. Just means the aliens got tired
chatting, or else there is a coffee break going on. <straight face>

Regards,
JS

3448. Re: A gaussian style radiating antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 14:15:38 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1165328136.895388.325280@j44g2000cwa.googlegroups.com>
Source record: 48472

Wow, this thread has gone way past my minute understanding of charges
and fields.. I'm always amazed everytime a refrigerator magnet
sticks... <Where is Dick Feinman when I need him to explain all
this>...
As far as I can tell Art, you intend to load up a balloon until it
bursts... That's gotta be hard on the amp when it goes...

denny / k8do

3449. Re: Speaking of I2R losses

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 14:23:36 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1165328616.170788.40910@j72g2000cwa.googlegroups.com>
Source record: 48473

Brain fart - substitute "radiation cooling" for 'convective cooling' in
my last post..
The thought struck me as I was wandering down the hallway that I had a
senior moment when I used the term convective for cooling to the sky by
radiation, duh...

denny - hey, even Einstein had his moments <see Cosmological Constant>

3450. Re: Auto tuners & verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 14:25:25 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1165328724.996360.48830@j72g2000cwa.googlegroups.com>
Source record: 48474

Nice tuner... Just remember John, no one can be too rich, too thin, or
have too many radials...

denny / k8do

3451. Re: A gaussian style radiating antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 14:27:03 UTC
From: gwatts <gwatts@frontiernet.net>
Message-ID: <Xkfdh.6833$Ka1.721@news01.roc.ny>
Source record: 48475

Denny wrote:
> Wow, this thread has gone way past my minute understanding of charges
> and fields.. I'm always amazed everytime a refrigerator magnet
> sticks... <Where is Dick Feinman when I need him to explain all
> this>...

You can purchase and download a lot of his physics lectures as pod casts
from Apple's Itunes.

- Galen, W8LNA

3452. Re: A gaussian style radiating antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 14:28:22 UTC
From: Gene Fuller <W4SZzzzzzz@att.net>
Message-ID: <amfdh.428833$QZ1.293390@bgtnsc04-news.ops.worldnet.att.net>
Source record: 48476

art wrote:

[snip]

> this aproach
> works out using a antenna program that is related but not the same as
> standard formd i.e. AO professional. A separate individual took my
> figures and applied them to the NEC4 program which is more universally
> accepted and where it validated my findings.

[snip]

Hi Art,

I don't want to get into the details of your new antenna concept.
However, consider this.

Your antenna, whatever it is, seems to be modeled correctly by both AO
Pro and by NEC4. Both of those programs are based on completely
conventional electromagnetic theory that has been in use for over a
century. In that case it is most unlikely that you have discovered any
new electromagnetic science.

It is quite possible that your antenna configuration is novel, and it is
even possible that your method of informally describing the antenna is
new and useful. However, new science it ain't.

73,
Gene
W4SZ

3453. Re: Speaking of I2R losses

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 14:30:17 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <el3vo7$20s$1@aioe.org>
Source record: 48477

Denny wrote:
> Brain fart - substitute "radiation cooling" for 'convective cooling' in
> my last post..
> The thought struck me as I was wandering down the hallway that I had a
> senior moment when I used the term convective for cooling to the sky by
> radiation, duh...
>
> denny - hey, even Einstein had his moments <see Cosmological Constant>
>

Denny:

Maybe try a peltier junction next? <grin>

Regards,
JS

3454. Re: Space modulation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 15:51:18 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <Szgdh.266$hD6.205@bignews8.bellsouth.net>
Source record: 48478

<n3ox.dan@gmail.com> wrote in message
news:1165298711.095126.199440@f1g2000cwa.googlegroups.com...
> It is possible to get nonlinear interactions among electromagnetic
> waves in plasmas, but you generally need very large amplitudes to get
> nonlinearities to kick in.
>
> I'm guessing that "space modulation" has something to do with multipath
> reflections or something; the VOR signal that rotates is going to be
> modulated by the buildings, mountains, and so forth around the
> transmitter, generally, the "space"
>
> Just a guess; I don't really know anything about VOR.
>
> Dan
>

No, I know it has nothing to do with things like that,it is as described in
the FAA lit a normal process of forming the ILS radiation patterns and
applies to VOR, Glide slopes and localizers. Google doesnt help much on the
subject.and I ve gone thru the indexs of about 20 radio and antenna books
without finding anything on it.

3455. Re: A gaussian style radiating antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 16:00:30 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <6l5bn2pkm95m1phmbbjrh700ehac2pcudb@4ax.com>
Source record: 48479

On Tue, 05 Dec 2006 06:56:40 GMT, "Jerry Martes"
<j.jmartes@verizon.net> wrote:

> But, if that previous thread referred to a Yagi as being inefficient due
>to its I squared R losses, I want to see the data supporting that claim.

Hi Jerry,

You may as well abandon that expectation and everything related to it.

> Incidentally, Pico Blvd doesnt go thru Watts

Does it cross de Gallo?

73's
Richard Clark, KB7QHC

3456. Re: A gaussian style radiating antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 16:31:48 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <U9hdh.330$Gr2.0@newssvr21.news.prodigy.net>
Source record: 48480

Gene Fuller wrote:
> It is quite possible that your antenna configuration is novel, ...

I'll bet it can't hold a candle to my 24 dBi omni at:

http://www.qsl.net/w5dxp/SUPRGAIN.EZ

:-)
--
73, Cecil http://www.w5dxp.com

3457. Re: A gaussian style radiating antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 16:59:23 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1165337963.538440.327170@n67g2000cwd.googlegroups.com>
Source record: 48481

> I'll bet it can't hold a candle to my 24 dBi omni at:
>
> http://www.qsl.net/w5dxp/SUPRGAIN.EZ

Wow! EZNEC average gain test shows +18dB... lessee... that means it's
about 630% efficient! Good work!

3458. Re: Space modulation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 17:10:16 UTC
From: Frank's <frank599@nospam.telus.net>
Message-ID: <YJhdh.17283$YV4.16290@edtnps89>
Source record: 48482

<n3ox.dan@gmail.com> wrote in message
news:1165298711.095126.199440@f1g2000cwa.googlegroups.com...
> It is possible to get nonlinear interactions among electromagnetic
> waves in plasmas, but you generally need very large amplitudes to get
> nonlinearities to kick in.
>
> I'm guessing that "space modulation" has something to do with multipath
> reflections or something; the VOR signal that rotates is going to be
> modulated by the buildings, mountains, and so forth around the
> transmitter, generally, the "space"
>
> Just a guess; I don't really know anything about VOR.
>
> Dan

Space modulation, in the case of VOR, is produced by a dipole
rotating at 1800 rpm. The rotating dipole pattern produces a
30 Hz amplitude modulation of the VOR omni-directional
pattern. This rotating pattern provides bearing information
to the receiver. The reference 30 Hz is provided by
FM modulation of the omni-directional pattern.

73,

Frank (VE6CB)

3459. Re: I have a doubt in smith chart

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 17:15:36 UTC
From: Frank's <frank599@nospam.telus.net>
Message-ID: <YOhdh.17285$YV4.7275@edtnps89>
Source record: 48483

"money" <ezzee_rajesh@hotmail.com> wrote in message
news:1165270395.303246.31220@f1g2000cwa.googlegroups.com...
>I have a circuit in which there is a series capacitance of value 680
> pF. The characteristic impedance of the line is 50 ohms. Can any
> suggest how do i plot the capacitance in the smith chart.
>
> If suppoe it was a parallel capacitance, how do i do it?

Try the free Smith Chart demo at: http://fritz.dellsperger.net/.
Probably the best electronic version I have seen.

73,

Frank (VE6CB)

3460. Re: Space modulation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 17:33:20 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <el4afh$t52$1@aioe.org>
Source record: 48484

Jimmie D wrote:

> No, I know it has nothing to do with things like that, ...

Jimmie:

Just having a bit of fun. I am only familiar with "space modulation" when it comes to modems, as much data is contained in the key off mode, and the length of time key off occurs, as in the key on condition and its length of time (at least in one method of data transfer I am familiar with.)

Whether there is any relationship of one to the other is a mystery to me--like I said, just poking a bit of fun.

Regards,
JS

3461. Re: Space modulation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 17:43:37 UTC
From: shoppa@trailing-edge.com
Message-ID: <1165340616.946522.206400@80g2000cwy.googlegroups.com>
Source record: 48485

Jimmie D wrote:
> I was going through some FAA course material on Instument Landing Systems
> and the term SPACE MODULATION was mentioned several times. What the heck is
> this.

I believe this was fully explained in a documentary I saw as a kid.
Something about the Q-36 Explosive Space Modulator.

Tim.

3462. Re: Space modulation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 18:14:06 UTC
From: gwatts <gwatts@frontiernet.net>
Message-ID: <OFidh.6860$Ka1.4942@news01.roc.ny>
Source record: 48486

shoppa@trailing-edge.com wrote:
> Jimmie D wrote:
>
>>I was going through some FAA course material on Instument Landing Systems
>>and the term SPACE MODULATION was mentioned several times. What the heck is
>>this.
>
>
> I believe this was fully explained in a documentary I saw as a kid.
> Something about the Q-36 Explosive Space Modulator.

Being disintegrated makes me angry.

3463. Re: Need a new website?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 18:17:18 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <0kdbn29milgq7cqs9qnu821rouoqqc0go6@4ax.com>
Source record: 48487

Please folks, do not reply to these off topic posts.

If these idiots never get any replies, they will eventually give up
and go away.

Thanks,

Bill, W6WRT

3464. Re: I have a doubt in smith chart

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 18:55:02 UTC
From: money <ezzee_rajesh@hotmail.com>
Message-ID: <1165344902.082295.137070@n67g2000cwd.googlegroups.com>
Source record: 48488

K7ITM wrote:

> money wrote:
> > I have a circuit in which there is a series capacitance of value 680
> > pF. The characteristic impedance of the line is 50 ohms. Can any
> > suggest how do i plot the capacitance in the smith chart.
> >
> > If suppoe it was a parallel capacitance, how do i do it?
>
> Owen's right. A picture is worth, generally, about a kiloword.
>
> I'd also recommend you download one of the free Smith chart programs.
> You may also even find a decent web aplet that will plot directly in
> your browser window.
>
> For a quick more direct answer: for a series capacitance, plot on the
> impedance grid. The capacitance must be converted first to a
> capacitive reactance: Xc = -1/(2*pi*f*C). That is the length you need
> to move along an arc of a circle passes through your starting point and
> is tangent to the unit circle at infinite impedance. You will see some
> of these plotted on an impedance grid; your starting point may already
> lie on one of the plotted ones. For example, if the chart is
> normalized to 50 ohms, the 50+j0 point lies at the center of the chart.
> Let's say that the starting point is 25 ohms, and the frequency is
> 9.36MHz. Then the capacitive reactance will move you counterclockwise
> (in the normal presentation of the chart) along the arc that passes
> through the 25 ohm point (or the 0.5 point on a chart normalized to 1
> ohm), about 35 degrees, to 25-j25 ohms. That should not be a surprise:
> the reactance of the capacitor at 7MHz is 25 ohms capacitive; an
> impedance of -j25 ohms. Series impedances simply add.
>
> For a parallel capacitance, find the suseptance of the capacitor at the
> frequency of interest, and follow a arc of constant conductance on the
> admittance overlay for the Smith chart. Remember, admittances of
> parallel components add, just as impedances of series components add.
> For the case in point, again at 9.36 MHz, you should go clockwise about
> 75 degrees along the arc of a circle which is tangent to the unit
> circle at impedance = 0 (infinite admittance) and end up at an
> admittance of 0.04+j0.04 mhos, or an impedance of 12.5-j12.5 ohms.
>
> If you go back to the first example, with a series 680pF capacitance,
> and then add a shunt inductance, you will travel from the 25-j25 ohm
> point, counterclockwise along a constant conductance circle. If you
> make the inductance 850nH, you will find that you end up at an

> impedance of 50 ohms: you have matched the original 25 ohms to a 50
> ohm system, at that frequency, with an "L" network. The Smith chart
> lets you visualize the match very quickly, once you are comfortable
> with it.
>
> A computerized Smith chart made the numbers above much easier than the
> words!
>
> Cheers,
> Tom

The circuit is actually an impedance transformation circuit to match it with line impedance 50 ohms. the frequency of operation is 900 MHz.

With a software i matched an amplfier circuit with line impedence 50 ohms. 680pF(series capacitance) is part of the impedance transformation circuit. I do get the point of traversal in a smith chart. For series capacitance i need to move along the constant resistance circle anti-clockwise.

But if i use the formula capacitive reactance = 1 / C W then normalise it to 50 ohms i get negligible reactance of 0.05.... Is it correct?

3465. Re: I have a doubt in smith chart

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 18:59:08 UTC
From: money <ezzee_rajesh@hotmail.com>
Message-ID: <1165345148.575539.213020@l12g2000cwl.googlegroups.com>
Source record: 48489

Jerry Martes wrote:

> "money" <ezzee_rajesh@hotmail.com> wrote in message
> news:1165270395.303246.31220@f1g2000cwa.googlegroups.com...
> >I have a circuit in which there is a series capacitance of value 680
> > pF. The characteristic impedance of the line is 50 ohms. Can any
> > suggest how do i plot the capacitance in the smith chart.
> >
> > If suppoe it was a parallel capacitance, how do i do it?
>
>
> Hi Money
>
> A purely reactive load, plots on the circumference (or perimeter) of the
> Smith Chart. It plots on the lower half (the minus impedance half) if it is
> capacitive, as in your case.
>
> If you pick a frequency around 10 MHz, the capacitor will have close to 75
> ohms X sub C.
> Since you are working with a 50 ohm line, 75 is plotted on the lower half
> of the chart, at its perimeter and with a value of 75/50, or, 1.5 on the
> chart.
>
> I really like getting help thru Wikipedia. If you read a few of their
> sites on "Smith Chart" and still have questions, I'd be happy to tell you
> what little I know about Smith Charts.
>
> Jerry

Yeah Jerry..... I have seen Wikipedia. :-) But from where did you get
75 ohms X sub C.... Wat does it mean?

Converting 680pF series capacitance to capacitive reactance we need to
use Xc = 1 / CW.... Is it not??

3466. Re: I have a doubt in smith chart

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 19:01:17 UTC
From: chigod <chigod@gmail.com>
Message-ID: <1165345277.337165.295170@j72g2000cwa.googlegroups.com>
Source record: 48490

K7ITM wrote:
> money wrote:
> > I have a circuit in which there is a series capacitance of value 680
> > pF. The characteristic impedance of the line is 50 ohms. Can any
> > suggest how do i plot the capacitance in the smith chart.
> >
> > If suppoe it was a parallel capacitance, how do i do it?
>
> Owen's right. A picture is worth, generally, about a kiloword.
>
> I'd also recommend you download one of the free Smith chart programs.
> You may also even find a decent web aplet that will plot directly in
> your browser window.
>
> For a quick more direct answer: for a series capacitance, plot on the
> impedance grid. The capacitance must be converted first to a
> capacitive reactance: Xc = -1/(2*pi*f*C). That is the length you need
> to move along an arc of a circle passes through your starting point and
> is tangent to the unit circle at infinite impedance. You will see some
> of these plotted on an impedance grid; your starting point may already
> lie on one of the plotted ones. For example, if the chart is
> normalized to 50 ohms, the 50+j0 point lies at the center of the chart.
> Let's say that the starting point is 25 ohms, and the frequency is
> 9.36MHz. Then the capacitive reactance will move you counterclockwise
> (in the normal presentation of the chart) along the arc that passes
> through the 25 ohm point (or the 0.5 point on a chart normalized to 1
> ohm), about 35 degrees, to 25-j25 ohms. That should not be a surprise:
> the reactance of the capacitor at 7MHz is 25 ohms capacitive; an
> impedance of -j25 ohms. Series impedances simply add.
>
> For a parallel capacitance, find the suseptance of the capacitor at the
> frequency of interest, and follow a arc of constant conductance on the
> admittance overlay for the Smith chart. Remember, admittances of
> parallel components add, just as impedances of series components add.
> For the case in point, again at 9.36 MHz, you should go clockwise about
> 75 degrees along the arc of a circle which is tangent to the unit
> circle at impedance = 0 (infinite admittance) and end up at an
> admittance of 0.04+j0.04 mhos, or an impedance of 12.5-j12.5 ohms.
>
> If you go back to the first example, with a series 680pF capacitance,
> and then add a shunt inductance, you will travel from the 25-j25 ohm
> point, counterclockwise along a constant conductance circle. If you
> make the inductance 850nH, you will find that you end up at an
> impedance of 50 ohms: you have matched the original 25 ohms to a 50

> ohm system, at that frequency, with an "L" network. The Smith chart
> lets you visualize the match very quickly, once you are comfortable
> with it.
>
> A computerized Smith chart made the numbers above much easier than the
> words!
>
> Cheers,
> Tom

Yeah Tom..... U r right.... i get it. If its a series capacitance we have to move anti-clockwise along the constant r cirlce. So first all we got to do is convert 680pF capacitance value to reactance. As the frequency used is 900Mhz(RF range) & the line impedence is 50 ohms how do we proceed....?

Do tell if i am wrong.....
we know that Xc = 1/Cw .So we get Xc=0.26 . we need to normalise this reactance value. so divide this value by 50. we get 0.005 . But this is a negligible value, is it not??

3467. Re: A gaussian style radiating antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 19:09:46 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <el4g45ase1@aioe.org>
Source record: 48491

art wrote:
> Cecil, I can't get this on my computor just a mix of letters here and
> there Any suggestions
> Art
> Cecil Moore wrote:
>> Gene Fuller wrote:
>>> It is quite possible that your antenna configuration is novel, ...
>> I'll bet it can't hold a candle to my 24 dBi omni at:
>>
>> http://www.qsl.net/w5dxp/SUPRGAIN.EZ
>>
>> :-)
>> --
>> 73, Cecil http://www.w5dxp.com
>

It is an eznec file. You must import it into eznec ...

JS

3468. Re: Space modulation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 19:28:32 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <oMjdh.716$hD6.54@bignews8.bellsouth.net>
Source record: 48492

"Frank's" <frank599@nospam.telus.net> wrote in message
news:YJhdh.17283$YV4.16290@edtnps89...
> <n3ox.dan@gmail.com> wrote in message
> news:1165298711.095126.199440@f1g2000cwa.googlegroups.com...
>> It is possible to get nonlinear interactions among electromagnetic
>> waves in plasmas, but you generally need very large amplitudes to get
>> nonlinearities to kick in.
>>
>> I'm guessing that "space modulation" has something to do with multipath
>> reflections or something; the VOR signal that rotates is going to be
>> modulated by the buildings, mountains, and so forth around the
>> transmitter, generally, the "space"
>>
>> Just a guess; I don't really know anything about VOR.
>>
>> Dan
>
> Space modulation, in the case of VOR, is produced by a dipole
> rotating at 1800 rpm. The rotating dipole pattern produces a
> 30 Hz amplitude modulation of the VOR omni-directional
> pattern. This rotating pattern provides bearing information
> to the receiver. The reference 30 Hz is provided by
> FM modulation of the omni-directional pattern.
>
> 73,
>
> Frank (VE6CB)
>

I know how a VOR works its the concept of space modulation I dont
understand. How can radiated enery from multiple sources combine in space
and modulate each other. This is as described by the FAA manual. I am
thinking this can nit happen but the modulation takes place only in the
receiver, not out in space as described by the manual.

3469. Re: Auto tuners & verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 19:53:18 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <5gjbn2p6sv4ejb8d35hr321j6he6a2ski5@4ax.com>
Source record: 48493

On 5 Dec 2006 06:25:25 -0800, "Denny" <k8do@mailblocks.com> wrote:

>Nice tuner... Just remember John, no one can be too rich, too thin, or
>have too many radials...
>
>denny / k8do
I will never have any of those problems...!
John Ferrell W8CCW

3470. Re: A gaussian style radiating antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 19:56:54 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <el4isn$ik8$1@aioe.org>
Source record: 48494

art wrote:
> John, about being a"nut" when you think out of the box people havent

Art:

Lighten up. I am not afraid to be termed a "nut", if there is some sort of evidence there is something which needs to be looked at, discussed, thought about--I'll be right there up to my arm pits.

The nay sayers, those who claim everything has already been discovered, those who claim we already have all the answers and all is understood--they stand as chaff in the wind to me.

Many you deal with here are technicians. They are well versed in standard formulas, techniques and methods. I hear them saying, "If it ain't broke, don't fix it!" To a certain extent, they are quite correct.

Thinking is just a hobby with me, as is amateur radio and electronics.

I work in software for a living, thinking out of the box is a not a luxury here, it is a requirement. Unless there is good reason you do something unique/different/quicker/shorter/more efficient/more compact/etc. they will hand your job to china or india!

Take all I say with a grain of salt ...

Regards,
JS

3471. Re: I have a doubt in smith chart

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 19:57:45 UTC
From: money <ezzee_rajesh@hotmail.com>
Message-ID: <1165348665.189842.164970@f1g2000cwa.googlegroups.com>
Source record: 48495

Frank's wrote:

> "money" <ezzee_rajesh@hotmail.com> wrote in message
> news:1165270395.303246.31220@f1g2000cwa.googlegroups.com...
> >I have a circuit in which there is a series capacitance of value 680
> > pF. The characteristic impedance of the line is 50 ohms. Can any
> > suggest how do i plot the capacitance in the smith chart.
> >
> > If suppoe it was a parallel capacitance, how do i do it?
>
> Try the free Smith Chart demo at: http://fritz.dellsperger.net/.
> Probably the best electronic version I have seen.
>
> 73,
>
> Frank (VE6CB)

Yeah frank i just downloaded the smith chart demo..... I am looking into it. It is great & is surely helping me a lot. Thanks a ton frank... :-)

3472. Re: I have a doubt in smith chart

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 20:03:00 UTC
From: K7ITM <k7itm@msn.com>
Message-ID: <1165348980.655102.213550@j72g2000cwa.googlegroups.com>
Source record: 48496

money wrote:
> K7ITM wrote:
>
> > money wrote:
> > > I have a circuit in which there is a series capacitance of value 680
> > > pF. The characteristic impedance of the line is 50 ohms. Can any
> > > suggest how do i plot the capacitance in the smith chart.
> > >
> > > If suppoe it was a parallel capacitance, how do i do it?
> >
> > Owen's right. A picture is worth, generally, about a kiloword.
> >
> > I'd also recommend you download one of the free Smith chart programs.
> > You may also even find a decent web aplet that will plot directly in
> > your browser window.
> >
> > For a quick more direct answer: for a series capacitance, plot on the
> > impedance grid. The capacitance must be converted first to a
> > capacitive reactance: Xc = -1/(2*pi*f*C). That is the length you need
> > to move along an arc of a circle passes through your starting point and
> > is tangent to the unit circle at infinite impedance. You will see some
> > of these plotted on an impedance grid; your starting point may already
> > lie on one of the plotted ones. For example, if the chart is
> > normalized to 50 ohms, the 50+j0 point lies at the center of the chart.
> > Let's say that the starting point is 25 ohms, and the frequency is
> > 9.36MHz. Then the capacitive reactance will move you counterclockwise
> > (in the normal presentation of the chart) along the arc that passes
> > through the 25 ohm point (or the 0.5 point on a chart normalized to 1
> > ohm), about 35 degrees, to 25-j25 ohms. That should not be a surprise:
> > the reactance of the capacitor at 7MHz is 25 ohms capacitive; an
> > impedance of -j25 ohms. Series impedances simply add.
> >
> > For a parallel capacitance, find the suseptance of the capacitor at the
> > frequency of interest, and follow a arc of constant conductance on the
> > admittance overlay for the Smith chart. Remember, admittances of
> > parallel components add, just as impedances of series components add.
> > For the case in point, again at 9.36 MHz, you should go clockwise about
> > 75 degrees along the arc of a circle which is tangent to the unit
> > circle at impedance = 0 (infinite admittance) and end up at an
> > admittance of 0.04+j0.04 mhos, or an impedance of 12.5-j12.5 ohms.
> >
> > If you go back to the first example, with a series 680pF capacitance,
> > and then add a shunt inductance, you will travel from the 25-j25 ohm
> > point, counterclockwise along a constant conductance circle. If you

> > make the inductance 850nH, you will find that you end up at an
> > impedance of 50 ohms: you have matched the original 25 ohms to a 50
> > ohm system, at that frequency, with an "L" network. The Smith chart
> > lets you visualize the match very quickly, once you are comfortable
> > with it.
> >
> > A computerized Smith chart made the numbers above much easier than the
> > words!
> >
> > Cheers,
> > Tom
>
>
>
> The circuit is actually an impedance transformation circuit to match it
> with line impedance 50 ohms. the frequency of operation is 900 MHz.
>
> With a software i matched an amplfier circuit with line impedence 50
> ohms. 680pF(series capacitance) is part of the impedance transformation
> circuit. I do get the point of traversal in a smith chart. For series
> capacitance i need to move along the constant resistance circle
> anti-clockwise.
>
> But if i use the formula capacitive reactance = 1 / C W then normalise
> it to 50 ohms i get negligible reactance of 0.05.... Is it correct?

Yes, right. It is a very small reactance at 900MHz. In other words, I assume it is just a DC blocking capacitor, if it is part of a properly designed network. It must be other parts which are doing the actual matching job.

Do you know the impedance of the port which you are matching to 50 ohms? Or do you have the network already, and you want to "reverse-engineer" the circuit to discover what the impedance is that is matched to 50 ohms?

I would expect that parts used in a 900MHz matching network would be in the range from perhaps 0.5pF to 10pF--maybe a little beyond, and also inductances in the low nanohenry range. And such small capacitances and inductances can be even small copper areas and short, narrow traces on printed circuit boards. Often it is better to analyze everything in terms of transmission lines, instead of discrete capacitances and inductances, when you are operating at such high frequencies.

Cheers,
Tom

3473. Re: I have a doubt in smith chart

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 20:04:51 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <Ahkdh.724$hD6.438@bignews8.bellsouth.net>
Source record: 48497

"Frank's" <frank599@nospam.telus.net> wrote in message
news:YOhdh.17285$YV4.7275@edtnps89...
>
> "money" <ezzee_rajesh@hotmail.com> wrote in message
> news:1165270395.303246.31220@f1g2000cwa.googlegroups.com...
>>I have a circuit in which there is a series capacitance of value 680
>> pF. The characteristic impedance of the line is 50 ohms. Can any
>> suggest how do i plot the capacitance in the smith chart.
>>
>> If suppoe it was a parallel capacitance, how do i do it?
>
> Try the free Smith Chart demo at: http://fritz.dellsperger.net/.
> Probably the best electronic version I have seen.
>
> 73,
>
> Frank (VE6CB)
>
>

That is a good Smith Chart program. I have been looking for one.

3474. Re: I have a doubt in smith chart

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 20:05:56 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <Eikdh.3912$Wq.3592@trnddc08>
Source record: 48498

```
"money" <ezzee_rajesh@hotmail.com> wrote in message
news:1165345148.575539.213020@l12g2000cwl.googlegroups.com...
>
> Jerry Martes wrote:
>
>> "money" <ezzee_rajesh@hotmail.com> wrote in message
>> news:1165270395.303246.31220@f1g2000cwa.googlegroups.com...
>> >I have a circuit in which there is a series capacitance of value 680
>> > pF. The characteristic impedance of the line is 50 ohms. Can any
>> > suggest how do i plot the capacitance in the smith chart.
>> >
>> > If suppoe it was a parallel capacitance, how do i do it?
>>
>>
>> Hi Money
>>
>> A purely reactive load, plots on the circumference (or perimeter) of
>> the
>> Smith Chart. It plots on the lower half (the minus impedance half) if it
>> is
>> capacitive, as in your case.
>>
>> If you pick a frequency around 10 MHz, the capacitor will have close to
>> 75
>> ohms X sub C.
>> Since you are working with a 50 ohm line, 75 is plotted on the lower
>> half
>> of the chart, at its perimeter and with a value of 75/50, or, 1.5 on the
>> chart.
>>
>> I really like getting help thru Wikipedia. If you read a few of their
>> sites on "Smith Chart" and still have questions, I'd be happy to tell you
>> what little I know about Smith Charts.
>>
>> Jerry
>
>
> Yeah Jerry..... I have seen Wikipedia. :-) But from where did you get
> 75 ohms X sub C.... Wat does it mean?
>
> Converting 680pF series capacitance to capacitive reactance we need to
> use Xc = 1 / CW.... Is it not??

Hi money
```

I got 75 by making a mistake. The 680 pF capacitor will be about 24 ohms capacitive reactance at about 10 MHz., ?right?

When 24 ohms of capacitive reactance terminates the 50 ohm line, that impedance is shown as R0-J24/50, which is found on the perimiter of the chart. All impedances with R = zero are located on the outer perimiter of the Smith Chart. Find the point on the chart where -J 0.48 is shown. That point is in the lower left of the chart, when the chart is positioned so the purely resistive axis is reading left to right.
So, that answers your original question "how do I plot xxx". I asummed that you were aware that you cant actually plot capacitance on a Smith Chart. The Smith Chart identifys only Impedance. The Smith Chart identifies *all* impedances that have a real R value.

In 1966 I wrote a short article on matching with a Smith Chart for Electronic Design. It isnt worth much by today's standards. But, I'd be happy to send you a copy if you are interested in using a Smith Chart for impedance matching.

Jerry

3475. Re: Need a new website?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 20:15:47 UTC
From: info@tampabn.com
Message-ID: <1165349747.679486.286050@j44g2000cwa.googlegroups.com>
Source record: 48499

Dear Danny,

You just prove your IQ level by displaying that 1and1...Cheaper does
not mean the same or better quality...

regards,

Danny Richardson wrote:
> On 4 Dec 2006 17:26:03 -0800, tolga@tolgasenel.com wrote:
>
> >Hello friends,
> >
> >If you need a new website, we are offering the best and most affordable
> >services ever. Our new Website Builder tool will allow you to create
> >custom designed, professional Flash websites in matter of hours...Check
> >out our rates, as little as 12.95$ a month, on our website. No
> >computer knowledge or experience is neccessary. No extra charge for
> >domain registration, web hosting or computer support. Check out our
> >packages starting at 12.95/month today!
> >
> >http://www.MyBestDealEver.com (My Best Deal Ever.com)
> >
> >thank you,
> >
>
> Spamers never win!
>
> To prove my point, I can find a much better deal (read more services
> at a fraction of the cost) at http://www.1and1.com

3476. Re: Need a new website?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 20:37:04 UTC
From: an old fiend <Mark@kb9rqz.apr>
Message-ID: <4575cbad$0$15540$88260bb3@free.teranews.com>
Source record: 48500

<info@tampabn.com> wrote in message
news:1165349747.679486.286050@j44g2000cwa.googlegroups.com...
> Dear Danny,
>
> You just prove your IQ level by displaying that 1and1...Cheaper does
> not mean the same or better quality...
with the punce gotcha he wonders why I simple don't bother to ty
impoving my spelling do u hav anyting cognet two say?

http://www.marksspamblog.blogspot.com/

> regards,

--
Posted via a free Usenet account from http://www.teranews.com

3477. danm pipes frose agian last nite

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 21:36:51 UTC
From: an old fiend <Mark@kb9rqz.apr>
Message-ID: <4575d9a5$0$15562$88260bb3@free.teranews.com>
Source record: 48501
Cross-posted to: rec.radio.amateur.policy,alt.usenet.kooks,rec.radio.amateur.antenna,rec.radio.scanner

tis time the tiolet blow up real bad so anoter day of shitting in back yard
by teh trash piles four me an gav
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3478. Re: I have a doubt in smith chart

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 21:46:05 UTC
From: Frank's <frank599@nospam.telus.net>
Message-ID: <xMldh.17349$YV4.7748@edtnps89>
Source record: 48502

>> Try the free Smith Chart demo at: http://fritz.dellsperger.net/.
>> Probably the best electronic version I have seen.
>>
>> 73,
>>
>> Frank (VE6CB)
>
>
> Yeah frank i just downloaded the smith chart demo..... I am looking
> into it. It is great & is surely helping me a lot. Thanks a ton
> frank... :-)

Glad you found it interesting. If you need to know more of the
theory behind the Smith Chart I would recommend
"RF Circuit Design" by Christopher Bowick. It is available
on www.amazon.com for $26.37. The treatment is fairly non-
mathematical, but it does give great insight into how the Smith
Chart works.

Frank

3479. Re: Space modulation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 21:48:26 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <2dSdneMpC_y0dOjYnZ2dnUVZ_rCdnZ2d@comcast.com>
Source record: 48504

Jimmie D wrote:

SNIPPED
>
>
> I know how a VOR works its the concept of space modulation I dont
> understand. How can radiated enery from multiple sources combine in space
> and modulate each other. This is as described by the FAA manual. I am
> thinking this can nit happen but the modulation takes place only in the
> receiver, not out in space as described by the manual.
>
>

I don't know if the term Space Modulation is applicable to this effect, but the ionosphere does cause AM modulation.

The atmosphere from sea level up to approximately 300K feet altitude is an ionized thickness. This ionization peaks at the Paschen altitude of around 200 Kft. The ionization source is the sun. We see this with xray flares and proton effects [northern lights] and the loss of HF propagation. The lowest levels have little ionization [C layer, D layer, etc]. At xray peak fluxes we experience total loss of HF propagation and high absorption of 80/40 meter ground wave signals.

This ionization is not uniform nor is it static. It is quite dynamic and varies with air density [wind, rain, snow, etc]. The variation in ionization causes amplitude modulation of signals being propagated through the ionosphere. We normally experience it as QSB on HF and as flutter on some over the horizon VHF AM signals [not aurora related].

I had the bad experience of the modulation causing a false trigger in a flight test vehicle. We had about 5% AM on a near earth telemetry signal. We had to redesign the detector circuits to accommodate the effect.

Aircraft communications is AM and VHF. I assume, if this effect is Space Modulation, that it becomes important on weak signal paths.

3480. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 21:51:07 UTC
From: Mark@kb9rqz.aprs
Message-ID: <0dqbn2le81n5mkck7k0c02dv5v368sdkcs@4ax.com>
Source record: 48505
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.scanner

On Tue, 5 Dec 2006 16:36:51 -0500, l4yz@yahoo.com> wrote:

> tis time the tiolet blow up real bad so anoter day of shitting in back yard
>by teh trash piles four me an gav
his tve
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3481. Re: I have a doubt in smith chart

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 21:57:22 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <qtpbn21lr3sjin3sng0hec5kacp9s9lnhr@4ax.com>
Source record: 48503

On Tue, 05 Dec 2006 17:15:36 GMT, "Frank's"
<frank599@nospam.telus.net> wrote:

>
>"money" <ezzee_rajesh@hotmail.com> wrote in message
>news:1165270395.303246.31220@f1g2000cwa.googlegroups.com...
>>I have a circuit in which there is a series capacitance of value 680
>> pF. The characteristic impedance of the line is 50 ohms. Can any
>> suggest how do i plot the capacitance in the smith chart.
>>
>> If suppoe it was a parallel capacitance, how do i do it?
>
>Try the free Smith Chart demo at: http://fritz.dellsperger.net/.
>Probably the best electronic version I have seen.

Hi Frank,

Why is it that when people develop electronic implementations of the
Smith Chart (like this one) that they don't implement things like
complex Zo and attenuation in transmission line elements, complex
reference impedance (incorrectly termed Zo in this prog)?

Owen
--

3482. Re: danm pipes frose agian last nite

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 22:11:43 UTC
From: John Doe <hgorden@adelphia.net>
Message-ID: <zrydnRBS5IeCcOjYnZ2dnUVZ_tqdnZ2d@adelphia.com>
Source record: 48506
Cross-posted to: rec.radio.amateur.policy,alt.usenet.kooks,rec.radio.amateur.antenna,rec.radio.scanner

Why don't you take your CRAP someplace else and get it off of the HAM radio groups!

"an old fiend" <Mark@kb9rqz.apr> wrote in message news:4575d9a5$0$15562$88260bb3@free.teranews.com...
> tis time the tiolet blow up real bad so anoter day of shitting in back
> yard by teh trash piles four me an gav
> http://kb9rqz.blogspot.com/
>
>
>
> --
> Posted via a free Usenet account from http://www.teranews.com
>

3483. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 22:17:06 UTC
From: Mark@kb9rqz.aprs
Message-ID: <trrbn2hbd4326t749osr9hm8ckfh0p3trb@4ax.com>
Source record: 48508
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.scanner

On Tue, 5 Dec 2006 17:11:43 -0500, "John Doe" <hgorden@adelphia.net>
wrote:

>Why don't you take your CRAP someplace else and get it off of the HAM radio
>groups!

becuase the p[oster either K4YZ or AB8MQ are so afraid someone will
listen to what I have to say that they feel they must try and jam
anything I do post

the 2 them enage in stalking and ahrrassment of anyone that dares
disagree with in the slightest
>
>"an old fiend" <Mark@kb9rqz.apr> wrote in message
>news:4575d9a5$0$15562$88260bb3@free.teranews.com...
>> tis time the tiolet blow up real bad so anoter day of shitting in back
>> yard by teh trash piles four me an gav
>> http://kb9rqz.blogspot.com/
>>
>>
>>
>> --
>> Posted via a free Usenet account from http://www.teranews.com
>>
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3484. Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 22:17:18 UTC
From: Bill <Me@bellsouth.net>
Message-ID: <Xns9890A52D83B20Mebellsouthnet@216.77.188.18>
Source record: 48507

Hello everyone :) I am looking for detailed plans for an AM loop. I will be using it only for one frequency 1370AM so I dont want any tuners just a simple AM Loop antenna for my AM radio. I will have to solder a 1/8 plug to a 6-8 ft feedline to connect to my radio. It is a Kaito portable model 1103. I want to built this AM Loop cause I listen to talk radio alot and the static and other distant stations sometimes make it hard. I have done alot of looking around on google searches but have found no real detailed plans I am not sure if I should go with edge wound or Spiral wound. Any info you guys can give especially a detailed plan would be greatly appreciated. or maybe there is a website I may not have seen you would like to suggest. I am sure I have seen most of them atleast the most popular ones. Anyways thanks in advance for any input:) Bill

3485. Re: A gaussian style radiating antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 22:36:24 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <lvmdh.2708$hI.2683@newssvr11.news.prodigy.net>
Source record: 48509

art wrote:
> Cecil, I can't get this on my computor just a mix of letters here and
> there Any suggestions

Is your email address in your heading correct?
If so, I'll email the file to you.
--
73, Cecil http://www.w5dxp.com

3486. Re: I have a doubt in smith chart

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 22:43:12 UTC
From: Frank's <frank599@nospam.telus.net>
Message-ID: <4Cmdh.17379$YV4.10310@edtnps89>
Source record: 48510

> Hi Frank,
>
> Why is it that when people develop electronic implementations of the
> Smith Chart (like this one) that they don't implement things like
> complex Zo and attenuation in transmission line elements, complex
> reference impedance (incorrectly termed Zo in this prog)?
>
> Owen

Hi Owen,

Yes that has always bugged me. Not so much a complex
Zo, but transmission line losses would be nice.

Frank

3487. Re: Need a new website?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 22:46:41 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <lFmdh.2715$hI.1236@newssvr11.news.prodigy.net>
Source record: 48511

info@tampabn.com wrote:
> You just prove your IQ level by displaying that 1and1...Cheaper does
> not mean the same or better quality...

www.w2du.com is hosted by 1and1.
--
73, Cecil http://www.w5dxp.com

3488. Re: I have a doubt in smith chart

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 22:50:12 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <EImdh.2717$hI.217@newssvr11.news.prodigy.net>
Source record: 48512

Jerry Martes wrote:
> In 1966 I wrote a short article on matching with a Smith Chart for
> Electronic Design.

Aha, that's where I ran across your name. I still
have a copy of that article somewhere.
--
73, Cecil http://www.w5dxp.com

3489. Re: kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 22:59:27 UTC
From: John Doe <hgorden@adelphia.net>
Message-ID: <XvOdnfizIqHTZejYnZ2dnUVZ_rednZ2d@adelphia.com>
Source record: 48513
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.scanner

WHY DON'T YOU ALL TAKE THIS CRAP OFF OF THE HAM RADIO GROUPS - WE DON'T NEED THIS CHIT HERE!

<Mark@kb9rqz.aprs> wrote in message
news:trrbn2hbd4326t749osr9hm8ckfh0p3trb@4ax.com...
> On Tue, 5 Dec 2006 17:11:43 -0500, "John Doe" <hgorden@adelphia.net>
> wrote:
>
>>Why don't you take your CRAP someplace else and get it off of the HAM
>>radio
>>groups!
>
> becuase the p[oster either K4YZ or AB8MQ are so afraid someone will
> listen to what I have to say that they feel they must try and jam
> anything I do post
>
> the 2 them enage in stalking and ahrrassment of anyone that dares
> disagree with in the slightest
>>
>>"an old fiend" <Mark@kb9rqz.apr> wrote in message
>>news:4575d9a5$0$15562$88260bb3@free.teranews.com...
>>> tis time the tiolet blow up real bad so anoter day of shitting in back
>>> yard by teh trash piles four me an gav
>>> http://kb9rqz.blogspot.com/
>>>
>>>
>>>
>>> --
>>> Posted via a free Usenet account from http://www.teranews.com
>>>
>>
> http://kb9rqz.blogspot.com/
>
> --
> Posted via a free Usenet account from http://www.teranews.com
>

3490. Re: A gaussian style radiating antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 22:59:28 UTC
From: Dave <noone@nowhere.com>
Message-ID: <6uOdnTuqBdpFZOjYnZ2dnUVZ_tednZ2d@crocker.com>
Source record: 48515

"art" <aunwin@insightbb.com> wrote in message
<snip quasi-techno-babble>

where can i get some of whatever you are on??

3491. Re: danm pipes frose agian last nite

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-05 23:00:15 UTC
From: John Doe <hgorden@adelphia.net>
Message-ID: <ntGdnea1vrLiZejYnZ2dnUVZ_rqdnZ2d@adelphia.com>
Source record: 48514
Cross-posted to: rec.radio.amateur.policy,alt.usenet.kooks,rec.radio.amateur.antenna,rec.radio.scanner,rec.radio.misc

YEAH - STICK IT WHERE THE SUN DON'T SHINE!

"TFTX" <h0ya3@neUOo9v.vACB> wrote in message news:T0p98909F14B@72L.43B0...
> John Doe pooped out this fucking treat:
>
>> Why don't you take your CRAP someplace else and get it off of the HAM
>> radio groups!
>
> Why are you here? Isn't the net a little too advanced for somebody who's
> still excited by 19th century technology?

3492. Re: Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 00:05:58 UTC
From: Irv Finkleman <finkirv@shaw.ca>
Message-ID: <4576096B.B9BB848B@shaw.ca>
Source record: 48516

Just before you go to a lot of work, have you tried rotating
the radio? Most have a ferrite loop antenna which is pretty
directional.

Irv VE6BP

Bill wrote:
>
> Hello everyone :) I am looking for detailed plans for an AM loop. I will
> be using it only for one frequency 1370AM

Visit my HomePage at http://members.shaw.ca/finkirv/index.html
Visit my Baby Sofia website at http://members.shaw.ca/finkirv4/index.htm
Visit my OLDTIMERS website at http://members.shaw.ca/finkirv5/index.htm
---
Irv Finkleman,
Grampa/Ex-Navy/Old Fart/Ham Radio VE6BP
Calgary, Alberta, Canada

3493. Re: Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 00:16:11 UTC
From: Bill <me@bellsouth.net>
Message-ID: <d0odh.21275$T6.8426@bignews5.bellsouth.net>
Source record: 48517

Yes I have lol :) The station I am trying to recieve usually comes in pretty good but sometimes at night it gets noisy. It is my understanding that an external AM Loop antenna will recieve better than an internal loop that comes with a small portable. I also have heard that a Loop picks up less noise than an internal ferrite loop or random wire would. I have heard that these external AM Loop antennas used to be quite common in the good ol' days. But that they fell out of favor with most people to be replaced with the internal ferrite loopstick antennas. If anyone has some detailed plans for these older styled external AM Loop antennas I would really like to get ahold of them. Thanks in Advance :) Bill

"Irv Finkleman" <finkirv@shaw.ca> wrote in message
news:4576096B.B9BB848B@shaw.ca...
> Just before you go to a lot of work, have you tried rotating
> the radio? Most have a ferrite loop antenna which is pretty
> directional.
>
> Irv VE6BP
>
> Bill wrote:
>>
>> Hello everyone :) I am looking for detailed plans for an AM loop. I will
>> be using it only for one frequency 1370AM
> ---------------------------------------
> Visit my HomePage at http://members.shaw.ca/finkirv/index.html
> Visit my Baby Sofia website at http://members.shaw.ca/finkirv4/index.htm
> Visit my OLDTIMERS website at http://members.shaw.ca/finkirv5/index.htm
> --------------------
> Irv Finkleman,
> Grampa/Ex-Navy/Old Fart/Ham Radio VE6BP
> Calgary, Alberta, Canada

3494. Re: Speaking of I2R losses

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 01:11:29 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <9Nodh.7587$7_2.5235@newsfe09.lga>
Source record: 48518

K8DO wrote:

>>For Yuri, congratulations on the CQ160 win(s), nice job my friend... Drop me a description of his antenna setup... Wanna be's like me are always looking for an edge...
On the IR gun, it was in the ~$65 range on sale, as their economy model, I don't remember who the internet vendor is, I can get you the make and model if you need it... But just do a search, lots of sources and prices... The little bit I have used it I have been satisfied with the readings - nothing rings my 'no-way, Jose!' meter, so far... <<

Any info on the IR gun would be appreciated, sounds, like right one for what I want to use it (check the loading coils etc.)

Thanks! Wal's station rocks, even with this rusty OF. I put some pictures on our Tesla web site www.TeslaRadio.org, click on PHOTOS and W8LRL. It will be our goal to beat it from N2EE. We just came back from some slave labor of love, clearing more brush in freezing windy WX, leveling the field for RF :-) Waitng for the swamp to freeze so we can walk around and fix the antennas.

73 Yuri, K3BU

3495. Re: Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 01:53:43 UTC
From: Christopher Cox <chrisTOPHERcOX@coboxincORORATED.com>
Message-ID: <Hopdh.2227$ja6.548@tornado.ohiordc.rr.com>
Source record: 48519

Hello Bill,

Try -
http://rffun.com/catalog/mwant/4316.html

Variable caps are getting hard to come by, so a $49.95 to $59.95 price
for the completed project seems very reasonable. I purchased one of
these for my step father and it works great. You probably will not need
a direct connection to the radio, just place the Select-A-Tenna next to
the radio.

If you are determined to build one (as I was), just google
"AM Loop Antenna"
Lots of great articles out there.

Regards,

Christopher Cox

Bill wrote:
> Hello everyone :) I am looking for detailed plans for an AM loop. I will
> be using it only for one frequency 1370AM so I dont want any tuners just a
> simple AM Loop antenna for my AM radio. I will have to solder a 1/8 plug to
> a 6-8 ft feedline to connect to my radio. It is a Kaito portable model
> 1103. I want to built this AM Loop cause I listen to talk radio alot and
> the static and other distant stations sometimes make it hard. I have done
> alot of looking around on google searches but have found no real detailed
> plans I am not sure if I should go with edge wound or Spiral wound. Any
> info you guys can give especially a detailed plan would be greatly
> appreciated. or maybe there is a website I may not have seen you would like
> to suggest. I am sure I have seen most of them atleast the most popular
> ones. Anyways thanks in advance for any input:) Bill

3496. Re: Speaking of I2R losses

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 02:18:36 UTC
From: mcalhoun@ksu.edu
Message-ID: <el599s$m76@unix1.cc.ksu.edu>
Source record: 48520

>... paper has an ignition temp of ~454 F <per Ray Bradbury at least>....

Actually, the name of his book is/was "451 Fahrenheit", not 454,
but you were close!

--
--Myron A. Calhoun.
Five boxes preserve our freedoms: soap, ballot, witness, jury, and cartridge
NRA Life Member and Rifle, Pistol, & Home Firearm Safety Certified Instructor
Certified Instructor for the Kansas Concealed-Carry Handgun license

3497. Re: Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 02:34:30 UTC
From: Bill <me@bellsouth.net>
Message-ID: <Y1qdh.21415$T6.10182@bignews5.bellsouth.net>
Source record: 48521

Thanks for the input Christopher :) I am indeed determined to build one. I don't want to build a tuning one though. I am more interested in a simple AM Loop that just connects to my radio to pick up AM broadcast. These use to be popular. I suppose it was when radios first started to come out. Anyways like I said they eventually were replaced by internal Ferrite loopsticks. I suppose people did not like these big ugly antennas on top of there radio. I don't think these old AM Loops had Tuners. And I think they may have been spiral wound. You connect the 2 wires from the antenna to the screw terminals on the back of the radio. But in my case I would have to connect an 1/8 plug to plug into my Radio. I have no idea what the size of the frame would be? How long the wire would be? and how many turns around the frame to make? I have searched Google and have not found what I am looking for there. I have found a couple of books but can't afford the price tag at the moment. I don't even know If the antenna I am looking for is even in the book. Here is a link to a few I have found if anyone is curious.
http://www.universal-radio.com/catalog/books/0016.html
http://www.universal-radio.com/catalog/books/3113.html
http://www.universal-radio.com/catalog/books/0533.html
If anyone else has any suggestions I am all ears. Or if you have any of these books and could comment on it. I appreciate it.
Thank You Bill

"Christopher Cox" <chrisTOPHERcOX@coboxincORORATED.com> wrote in message news:Hopdh.2227$ja6.548@tornado.ohiordc.rr.com...
> Hello Bill,
>
> Try -
> http://rffun.com/catalog/mwant/4316.html
>
> Variable caps are getting hard to come by, so a $49.95 to $59.95 price for
> the completed project seems very reasonable. I purchased one of these for
> my step father and it works great. You probably will not need a direct
> connection to the radio, just place the Select-A-Tenna next to the radio.
>
> If you are determined to build one (as I was), just google
> "AM Loop Antenna"
> Lots of great articles out there.
>
> Regards,
>
> Christopher Cox
>
> Bill wrote:
>> Hello everyone :) I am looking for detailed plans for an AM loop. I will

>> be using it only for one frequency 1370AM so I dont want any tuners just
>> a simple AM Loop antenna for my AM radio. I will have to solder a 1/8
>> plug to a 6-8 ft feedline to connect to my radio. It is a Kaito portable
>> model 1103. I want to built this AM Loop cause I listen to talk radio
>> alot and the static and other distant stations sometimes make it hard. I
>> have done alot of looking around on google searches but have found no
>> real detailed plans I am not sure if I should go with edge wound or
>> Spiral wound. Any info you guys can give especially a detailed plan would
>> be greatly appreciated. or maybe there is a website I may not have seen
>> you would like to suggest. I am sure I have seen most of them atleast the
>> most popular ones. Anyways thanks in advance for any input:) Bill

3498. Re: Auto tuners & verticals

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 03:01:31 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <5nbcn2temhv1q7gpldru3t7120lkuda8rv@4ax.com>
Source record: 48522

On Mon, 04 Dec 2006 20:50:54 -0500, John Ferrell
<johnferrell@sprintmail.com> wrote:

>On Mon, 04 Dec 2006 06:49:11 GMT, Owen Duffy <owen@no.where> wrote:
>
>>On Sun, 03 Dec 2006 23:13:38 -0500, John Ferrell
>><johnferrell@sprintmail.com> wrote:
>>
>>>I am considering purchasing a remote auto tuner for my continuing
>>>tinkering with verticals. My current focus is on 80-160 meters with
>>>33+ foot verticals. The auto tuners specs claim a max inductance of
...
>The SGC-237 is on order!
> I appreciate the help in making my decision.

If you want to improve efficiency on 160m, think about raising the
radiation resistance and / or reducing the earth loss.

Possibilities to raise Rr include inductive loading high up, longer
radiator, capacity hat, more than one of the above.

Owen
--

3499. Re: danm pipes frose agian last nite

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 03:06:55 UTC
From: Mark@kb9rqz.aprs
Message-ID: <itccn2t55k530na32mfu9lu7r1sr8apgsd@4ax.com>
Source record: 48523
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.scanner,rec.radio.misc

On Tue, 5 Dec 2006 18:00:15 -0500, "John Doe" <hgorden@adelphia.net>
wrote:

>YEAH - STICK IT WHERE THE SUN DON'T SHINE!
>
>"TFTX" <h0ya3@neUOo9v.vACB> wrote in message news:T0p98909F14B@72L.43B0...
>> John Doe pooped out this fucking treat:
>>
>>> Why don't you take your CRAP someplace else and get it off of the HAM
>>> radio groups!
>>
>> Why are you here? Isn't the net a little too advanced for somebody who's
>> still excited by 19th century technology?
>
well seems tempers are flaring of the work of Steve the forger
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3500. Re: kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 03:08:49 UTC
From: Mark@kb9rqz.aprs
Message-ID: <succn25d3kjmlv9ius3gvdqm35grsr3b1i@4ax.com>
Source record: 48524
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.scanner

On Tue, 5 Dec 2006 17:59:27 -0500, "John Doe" <hgorden@adelphia.net>
wrote:

>WHY DON'T YOU ALL TAKE THIS CRAP OFF OF THE HAM RADIO GROUPS - WE DON'T NEED
>THIS CHIT HERE!

becuase it isn't within my power to do so

nor would I continue to banter with them anywhere else
No you don't need it

address you complaint where they belong

K4YZ and AB8MQ are responible for this shit take it up with them
>
><Mark@kb9rqz.aprs> wrote in message
>news:trrbn2hbd4326t749osr9hm8ckfh0p3trb@4ax.com...
>> On Tue, 5 Dec 2006 17:11:43 -0500, "John Doe" <hgorden@adelphia.net>
>> wrote:
>>
>>>Why don't you take your CRAP someplace else and get it off of the HAM
>>>radio
>>>groups!
>>
>> becuase the p[oster either K4YZ or AB8MQ are so afraid someone will
>> listen to what I have to say that they feel they must try and jam
>> anything I do post
>>
>> the 2 them enage in stalking and ahrrassment of anyone that dares
>> disagree with in the slightest
>>>
>>>"an old fiend" <Mark@kb9rqz.apr> wrote in message
>>>news:4575d9a5$0$15562$88260bb3@free.teranews.com...
>>>> tis time the tiolet blow up real bad so anoter day of shitting in back
>>>> yard by teh trash piles four me an gav
>>>> http://kb9rqz.blogspot.com/
>>>>
>>>>
>>>>
>>>> --
>>>> Posted via a free Usenet account from http://www.teranews.com
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http://kb9rqz.blogspot.com/

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Posted via a free Usenet account from http://www.teranews.com

3501. Re: Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 03:09:50 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <2wqdh.2370$lb1.184@trnddc05>
Source record: 48525

"Bill" <me@bellsouth.net> wrote in message
news:Y1qdh.21415$T6.10182@bignews5.bellsouth.net...
> Thanks for the input Christopher :) I am indeed determined to build one.
> I don't want to build a tuning one though. I am more interested in a
> simple AM Loop that just connects to my radio to pick up AM broadcast.
> These use to be popular. I suppose it was when radios first started to
> come out. Anyways like I said they eventually were replaced by internal
> Ferrite loopsticks. I suppose people did not like these big ugly antennas
> on top of there radio. I don't think these old AM Loops had Tuners. And I
> think they may have been spiral wound. You connect the 2 wires from the
> antenna to the screw terminals on the back of the radio. But in my case I
> would have to connect an 1/8 plug to plug into my Radio. I have no idea
> what the size of the frame would be? How long the wire would be? and how
> many turns around the frame to make? I have searched Google and have not
> found what I am looking for there. I have found a couple of books but
> can't afford the price tag at the moment. I don't even know If the antenna
> I am looking for is even in the book. Here is a link to a few I have found
> if anyone is curious.
> http://www.universal-radio.com/catalog/books/0016.html
> http://www.universal-radio.com/catalog/books/3113.html
> http://www.universal-radio.com/catalog/books/0533.html
> If anyone else has any suggestions I am all ears. Or if you have any of
> these books and could comment on it. I appreciate it.
> Thank You Bill
>
> "Christopher Cox" <chrisTOPHERcOX@coboxincORORATED.com> wrote in message
> news:Hopdh.2227$ja6.548@tornado.ohiordc.rr.com...
>> Hello Bill,
>>
>> Try -
>> http://rffun.com/catalog/mwant/4316.html
>>
>> Variable caps are getting hard to come by, so a $49.95 to $59.95 price
>> for the completed project seems very reasonable. I purchased one of these
>> for my step father and it works great. You probably will not need a
>> direct connection to the radio, just place the Select-A-Tenna next to the
>> radio.
>>
>> If you are determined to build one (as I was), just google
>> "AM Loop Antenna"
>> Lots of great articles out there.
>>
>> Regards,
>>

>> Christopher Cox
>>
>> Bill wrote:
>>> Hello everyone :) I am looking for detailed plans for an AM loop. I
>>> will be using it only for one frequency 1370AM so I dont want any tuners
>>> just a simple AM Loop antenna for my AM radio. I will have to solder a
>>> 1/8 plug to a 6-8 ft feedline to connect to my radio. It is a Kaito
>>> portable model 1103. I want to built this AM Loop cause I listen to talk
>>> radio alot and the static and other distant stations sometimes make it
>>> hard. I have done alot of looking around on google searches but have
>>> found no real detailed plans I am not sure if I should go with edge
>>> wound or Spiral wound. Any info you guys can give especially a detailed
>>> plan would be greatly appreciated. or maybe there is a website I may not
>>> have seen you would like to suggest. I am sure I have seen most of them
>>> atleast the most popular ones. Anyways thanks in advance for any input:)
>>> Bill

Hi Bill

I built a couple AM loops last year. One is 4 feet on a side and the
other is 2 feet on a side. Both are made from PVC pipe and "hook up
wire". I can send you pictures.
If *I* was involved with the project of building this loop with you, I'd
sure try to get you to make tunable. Both of my AM loops are very sensitive
to getting the capacitor adjusted properly. I have connected the loops to
the receiver with two parallel wires from the antenna to the receiver.
That seems to work OK.

There is lots and lots of instructions for designing and building AM loops
on the Internet. From what I read, you are mainly interested in building
just one good antenna. You may not need a book for that.

Jerry
Jerry

3502. OE-254 Versus COM-201B Antenna Comparison

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 03:29:56 UTC
From: Anthony Jocius <ajocius@insightbb.com>
Message-ID: <4aGdna5-0bSopOvYnZ2dnUVZ_qKdnZ2d@insightbb.com>
Source record: 48376

I didn't know where to go to answer this question, so that is why I'm in this newsgroup. Basically I'm a reservist for an Engineer Command. Recently, my boss asked me to do a comparison between an OE-254 (standard 30-88Mhz mast antenna) and an Atlantic Microwave COM-201B (30-88Mhz mast antenna). Both FM antennas reach to about 42 feet. The COM-201B touts all kinds of advantages, but in my limited knowledge of antennas the performance aspect seems to me to be the same or very close. My biggest concern is durability. The Army for years (over 20) relied on this antenna (OE-254) and opting for a different one, with limited numbers scares me. If I could do a blanket purchase for all of our units, even those that already have the older antenna, I would opt for that. But with different antennas co-existing, with different parts etc, I'm very reluctant to make the switch. Can someone do an educated comparison between these two antennas? A study at http://www.gordon.army.mil/ac/Winter/Winter%2002/USMCnet.htm seems like an ad, instead of a fair comparison.

Anthony Jocius
LTC, CA, USAR
Communications Officer

3503. Re: A cheapy all band antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 03:32:32 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <pRqdh.1916$TW1.1227@newsfe08.lga>
Source record: 48377

Brilliant! Why didn't I think aboutit?
Can you picture stupid hams paying crazy money for bunch of fiberglass fishing poles, some metal tape and stepping motors with controller that could be replaced by the strings. I was going to put up 6 stepIR, now I will save hugh money.
Where do I send the money?

bada BUm

"art" <aunwin@insightbb.com> wrote in message news:1165373999.201048.180200@79g2000cws.googlegroups.com...
> Before I started on my present project I looked at the IR antenna
> allband
> Wow I couldnt believe the price and why are hams not building it
> themselves.
> You know you could buy telescopic fishing poles and stick aluminum foil
> along its outside length
> and at particular points take off some foil and push some finger stock
> into
> the inner of the pole It is then an easy job to switch these gaps
> closed or open
> depending on the band you are using. If you are not using high power
> just a simple tubular solenoid inside the pole will do the trick though
> if you are using power I would widen the gap by having a central dowel
> rod placed inside the pole with a aluminum tube covering at the ideal
> points where they can rub the finger stock to close the gap. Pushing
> the dowel rod is quite easy,, just take the belt and step motor off a
> printing machine and fix the dowel on both sides of the element to the
> belt and bingo you have a cheapy all band antenna for just over a $100
> Buy the telescopic fishing poles on EBay and get the aluminum foil from
> your kitchen or buy the adhesive foil from your hardware store.
> ,By the way send all your money savings to me !, have fun
> Cheers
> Art
>

3504. Re: Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 03:33:28 UTC
From: Allodoxaphobia <bit-bucket@config.com>
Message-ID: <slrnenceg8.rkn.bit-bucket@shell.config.com>
Source record: 48378

On Tue, 5 Dec 2006 20:34:30 -0600, Bill wrote:
> Thanks for the input Christopher :) I am indeed determined to build one.
> I don't want to build a tuning one though.

Go ahead and build a tuneable one. It's not _that_ more complicated.
Besides, the minute you would finish your no-tune antenna, Clear Channel
Communications will buy up your favorite talk station and convert it to
country and western. Then you'll have to look elsewhere up and down the
AM band.

Jonesy
--
Marvin L Jones | jonz | W3DHJ | linux
38.24N 104.55W | @ config.com | Jonesy | OS/2
*** Killfiling google posts: <http//jonz.net/ng.htm>

3505. Re: Space modulation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 03:46:09 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <22rdh.705$q%1.210@bignews6.bellsouth.net>
Source record: 48379

"Frank's" <frank599@nospam.telus.net> wrote in message
news:YJhdh.17283$YV4.16290@edtnps89...
> <n3ox.dan@gmail.com> wrote in message
> news:1165298711.095126.199440@f1g2000cwa.googlegroups.com...
>> It is possible to get nonlinear interactions among electromagnetic
>> waves in plasmas, but you generally need very large amplitudes to get
>> nonlinearities to kick in.
>>
>> I'm guessing that "space modulation" has something to do with multipath
>> reflections or something; the VOR signal that rotates is going to be
>> modulated by the buildings, mountains, and so forth around the
>> transmitter, generally, the "space"
>>
>> Just a guess; I don't really know anything about VOR.
>>
>> Dan
>
> Space modulation, in the case of VOR, is produced by a dipole
> rotating at 1800 rpm. The rotating dipole pattern produces a
> 30 Hz amplitude modulation of the VOR omni-directional
> pattern. This rotating pattern provides bearing information
> to the receiver. The reference 30 Hz is provided by
> FM modulation of the omni-directional pattern.
>
> 73,
>
> Frank (VE6CB)
>

Thanks Frank, I thought the FM modulation was caused by doppler shift as a
result of the antenna rotation

3506. Re: Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 04:41:04 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <9itdh.1341$hD6.532@bignews8.bellsouth.net>
Source record: 48383

"Irv Finkleman" <finkirv@shaw.ca> wrote in message
news:4576096B.B9BB848B@shaw.ca...
> Just before you go to a lot of work, have you tried rotating
> the radio? Most have a ferrite loop antenna which is pretty
> directional.
>
> Irv VE6BP
>
> Bill wrote:
>>
>> Hello everyone :) I am looking for detailed plans for an AM loop. I will
>> be using it only for one frequency 1370AM
> ---------------------------------------
> Visit my HomePage at http://members.shaw.ca/finkirv/index.html
> Visit my Baby Sofia website at http://members.shaw.ca/finkirv4/index.htm
> Visit my OLDTIMERS website at http://members.shaw.ca/finkirv5/index.htm
> --------------------
> Irv Finkleman,
> Grampa/Ex-Navy/Old Fart/Ham Radio VE6BP
> Calgary, Alberta, Canada

I think just about anything is better than the ferrite antenna in most AM
BCB radios.
When I was a teenager the local 5KW radio station would go directional and
reduce its power to 1kW. When it did this I could barely pick it up.
Five miles down the road it boomed in. Unfortunately this was also the time
it started the programing I enjoyed. I already had 4 hooks in the wall
roughly in a square so I drped some antenna rotr wire arounfd the hooks and
connected the ends together to form a coil. From the two open ends I ran a
coax to a two turn loop i slipped over the ferrite antenna. worked like a
champ not to mention it allowed me to pick up a lot of other radio stations
from my South Ga.location including WLS with John "records truly is my
middle name " Landecker. After being able to pick up WLS I soon lost
interest in the local station.

Anyway this was probably not the best antenna but it did the job.

3507. Re: A cheapy all band antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 05:37:23 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1165383443.806857.39530@80g2000cwy.googlegroups.com>
Source record: 48380

I always looked at the SteppIR's and thought they were pretty much
exactly worth the money.

By the time you worked up your own SteppIR-like control system and
actually got the sliding contacts to work in a low loss, reliable
fashion, you'd easily be up to the price of those antennas.

Dan

3508. Re: RoomCap Antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 05:51:31 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <el5lp6$166$1@aioe.org>
Source record: 48381

Felix wrote:
> ...

Felix:

Personally, I have a use for a small antenna. One which I can chuck into my trunk and take along on quickly planned days away in the wild. I have used the EH and got it up to good heights using a cord and slingshot. It is not an efficient antenna in accepted terms. The good match it provides over a good bandwidth and small size makes it perfect for some of my adventures though. Hoisted high in a tree at the 11,500 ft elevation makes it look good to me; good to at the 9,500 ft elevation while I fly fish mosquito lakes and have a bit of chat. Efficiency is in the eye of the beholder.

Put paying for a CD to show me how to build another of these "dummy load antennas" just doesn't float in my book ...

Regards,
JS

3509. Re: Simple AM Loop Antenna? may have found it

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 06:07:24 UTC
From: Bill <me@bellsouth.net>
Message-ID: <p9tdh.741$q%1.438@bignews6.bellsouth.net>
Source record: 48382

After searching for about a week now on Google I think I may have stumbled on something here. What do you guys think about this AM loop? If nothing else it should atleast work better than the internal Ferrite Loopstick right? It requires no tuner.
http://members.cox.net/rwagoner/columns/am_antenna.html

"Bill" <Me@bellsouth.net> wrote in message
news:Xns9890A52D83B20Mebellsouthnet@216.77.188.18...
> Hello everyone :) I am looking for detailed plans for an AM loop. I will
> be using it only for one frequency 1370AM so I dont want any tuners just a
> simple AM Loop antenna for my AM radio. I will have to solder a 1/8 plug
> to
> a 6-8 ft feedline to connect to my radio. It is a Kaito portable model
> 1103. I want to built this AM Loop cause I listen to talk radio alot and
> the static and other distant stations sometimes make it hard. I have done
> alot of looking around on google searches but have found no real detailed
> plans I am not sure if I should go with edge wound or Spiral wound. Any
> info you guys can give especially a detailed plan would be greatly
> appreciated. or maybe there is a website I may not have seen you would
> like
> to suggest. I am sure I have seen most of them atleast the most popular
> ones. Anyways thanks in advance for any input:) Bill

3510. Re: Speaking of I2R losses

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 06:40:18 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <jBtdh.1346$hD6.601@bignews8.bellsouth.net>
Source record: 48384

"Denny" <k8do@mailblocks.com> wrote in message
news:1165262994.423001.14000@j72g2000cwa.googlegroups.com...
>
> Well, there are dielectrics and there are . . . ummm well you get the
> point...
>
> In this case the main dielectric of my condensers is glass, probably
> stannous float bath soda glass... 0.100" thick with an aluminum plate
> on each side... After my fingers had found the disparate temperature
> rise on an early test I did a literature search for the dielectric
> constant and loss factor of glass and discovered that not all glass is
> equal - or as Orwell put it, some of the animals are more equal than
> the others...
>
> Anyway, Soda glass has a loss tangent of 0.01 to 0.05 and a dielectric
> constant of 6 - and Borosilicate glass (Pyrex) has a loss tangent of
> 0.001 to 0.002 and a dielectric constant of 4... So, it would appear
> that Borosilicate glass is better as a low loss dielectric... The
> trade off is that with 1/3 lower Dielectric Constant I would have to
> increase my plate areas by 1/3 to maintain the same capacity... The
> jury is out on this... 3.5 mc is relatively low frequency... I am not
> sure how much of the heating is due to the loss factor of the glass and
> how much is I2R heating from the current flowing across the plates...
> I spoze I could order some custom made 8" X 10" X 0.100" Pyrex plates
> and compare otherwise identical condensers... OTOH, I spoze some of
> the more equal animals in my house would complain over sticks and
> stones in their xmas stockings after I pay for the Pyrex...
>
> denny / k8do
>
Could you use some Pyrex disk, I think I have some that are about a foot in
diameter. If I can find them they are yours for the postage.

3511. Re: Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 06:49:22 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <PJtdh.1349$hD6.1056@bignews8.bellsouth.net>
Source record: 48385

>
>
> I think just about anything is better than the ferrite antenna in most AM
> BCB radios.
> When I was a teenager the local 5KW radio station would go directional and
> reduce its power to 1kW. When it did this I could barely pick it up.
> Five miles down the road it boomed in. Unfortunately this was also the
> time it started the programing I enjoyed. I already had 4 hooks in the
> wall roughly in a square so I drped some antenna rotr wire arounfd the
> hooks and connected the ends together to form a coil. From the two open
> ends I ran a coax to a two turn loop i slipped over the ferrite antenna.
> worked like a champ not to mention it allowed me to pick up a lot of other
> radio stations from my South Ga.location including WLS with John "records
> truly is my middle name " Landecker. After being able to pick up WLS I
> soon lost interest in the local station.
>
> Anyway this was probably not the best antenna but it did the job.
>

Could be the antenna was coupled to the radio by just wraping the coupling
coil around the radio. I forget which way worked the best now.

3512. Brain Bouncing Blindly...Again...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 09:23:23 UTC
From: K4YZ <stevenrobeson@aol.com>
Message-ID: <1165397003.091573.107560@n67g2000cwd.googlegroups.com>
Source record: 48386
Cross-posted to: rec.radio.amateur.antenna,rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

snot-scam-and-sleaze@hotmail.com, Better Known As Brian P Burke, N0IMD
wrote:
> Slow Code wrote:
> > hot-ham-and-cheese@hotmail.com wrote in
> > news:1164938185.794275.103550@j44g2000cwa.googlegroups.com:
> > > kb9rqz-1@hotmail.com wrote:

> > > PopComm needs to beware publishing this idiot's letters.
> >
> > You really are a bitter ham.
>
> At least I'm a ham. That can't be said of you.

A "ham"...Maybe. A pig? Definately.

> > Lack of CW in the radio diet will do that to
> > you.
>
> Nope, being accused of molesting Boy Scouts did it for me.

Then you shouldn't have led others to believe you did it.

> Everything that K4YZ/KTN4GN says is suspect and needs to be
> scrutinized.

As are the words of every other person, Brain...Such as you and the
Feeble Five.

> For example, his Civil Air Patrol FOUO letter that was published in the
> Nov 2006 issue of PopComm completely contradicts his QRZ.COM/K4YZ offer
> to confirm his CAP communications.

No it doesn't.

> That is what this thread is about... if you'd care to stay on topic.

So far, the thread is about N0IMD lying and misrepresenting the
truth.

> > Just look at all the hate on eleven meters.
>
> I wouldn't know, but there's no need to look there. The hate is
> already on RRAP, and K4YZ fosters most of it.

Nope.

> When this group becomes
> moderated, I expect K4YZ to be banned. He'll have to hang out on the
> Nurse or CAP yahoo groups of his own creation and moderation.

None of my groups are moderated, Morkie...I mean Brain. Sorry.

The only "moderation" any of them get's is making sure they are not
spammers...After that they can post freely.

I've suggested you read any of the archives you'd care to, but
you've obvioulsy never done that.

> > Those people are even
> > gunning each other down in shopping mall parking lots.

> What a coincidence. K4YZ has offered to "meet" several hams at the
> Dayton Hamfest, and there's a lot of hamfest parking at the shopping
> mall.

I've never met you, Brain. Too bad.

Steve, K4YZ

3513. Radio Waves help!!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 09:32:55 UTC
From: DC <dc.physics@gmail.com>
Message-ID: <1165397575.751044.20090@73g2000cwn.googlegroups.com>
Source record: 48387

Hi guys,

I've been reading up on the different types of radio waves etc and am getting really confused between the concept different wavelength waves travelling different distances before being attenuated etc.

The more I think about it all the more confused I am becomming and I was wondering if someone would be able to help me with this....

Basically I have been told that shorter wavelength waves attenuate and scatter more easily. So working on this principle I know that medium waves (MW eg AM radio) are longer in wavelength than VHF (ie FM radio), so why is it that in car parks etc (i.e. under a roof) you can still pick up FM on the radio but not MW. Surely FM being shorter in wavelength (and consequently higher freq) will be scattered more? Is this to do with diffraction instead? Longer waves diffract more readily, so as FM is longer it diffracts more and is therefore heard 'around corners' (sorry for putting it like that!), whereas MW would not be?

So, shortwave is also longer in wavelength than FM so perhaps this is better for transmitting over long distances ie for international transmission, but MW is even longer in wavelength so why is this not used instead?

Lastly, SHF and EHF are used for satellite transmissions, but these are very small wavelengths for radio waves so surely here the scattering and attenuation would be so large that this would impede its path from the satellite to the ground? Or again are we just using SHF and EHF as diffraction effects would be minimal?

If anyone could shed any light on this topic for me it would be really appreciated.

Cheers

DC

3514. Re: Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 09:43:18 UTC
From: Wimpie <wimtel@tetech.nl>
Message-ID: <1165398198.383854.221110@n67g2000cwd.googlegroups.com>
Source record: 48388

Bill ha escrito:

> Hello everyone :) I am looking for detailed plans for an AM loop. I will
> be using it only for one frequency 1370AM so I dont want any tuners just a
> simple AM Loop antenna for my AM radio. I will have to solder a 1/8 plug to
> a 6-8 ft feedline to connect to my radio. It is a Kaito portable model
> 1103. I want to built this AM Loop cause I listen to talk radio alot and
> the static and other distant stations sometimes make it hard. I have done
> alot of looking around on google searches but have found no real detailed
> plans I am not sure if I should go with edge wound or Spiral wound. Any
> info you guys can give especially a detailed plan would be greatly
> appreciated. or maybe there is a website I may not have seen you would like
> to suggest. I am sure I have seen most of them atleast the most popular
> ones. Anyways thanks in advance for any input:) Bill

Hello Bill,

Regarding your AM loop antenna.

Are you sure the external antenna socket also works for AM? You may
check this by inserting a plug without antenna. The ferrite antenna in
your radio will not be that bad.

You mentioned static and other distant stations. I am not sure whether
the loop will improve the reception. Has the signal from your favorite
radio station sufficient strength (on your current radio)?

Before you build, try to locate (with your current receiver) the best
place and orientation for your loop to be built. Do not use the
external adapter for this. If you cannot find a place/orientation with
good reception, a loop will not do much better.

If you found a good place, power your radio via the mains adapter. This
will clarify whether noise from the mains enters the ferrite antenna.
If so, the loop design must be such that noise does not reach the loop
via the cable between the loop and your receiver.

Generaly a loop will only help to overcome the radio's internal noise
(bad Sensitivity) and spurious products (generated by your receiver)
and interference from nearby sources (electronic equipment). The last
item only, when you can position your loop away from any interfering
source.

The loop will also not improve interference from a very strong adjacent
station. You may orient the loop to get a strong adjacent station into
a null, but this is possible with the built-in ferrite antenna too.

Regarding tuning.
With average means, a resonating (=tuned) loop can be made smaller and better. When you use fixed capacitors for most of the required capacitance, you may use a smaller (mica compression) trimmer capacitor to do the fine tuning to your desired frequency.

I hope this will help you a bit.

Best regards,

Wim
PA3DJS

3515. Stub Matching software ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 11:15:54 UTC
From: 4nec2 <4nec2@gmx.net>
Message-ID: <1165403754.526454.114420@n67g2000cwd.googlegroups.com>
Source record: 48389

Somehow, and using Nec2, I seem not always able to get expected
impedance values when using the results produced by L.B. Cebik's stub
matching software at http://www.cebik.com/trans/ant-match.html

Does anybody know a source for (similar) stub matching software
(freeware or evaluation), so I can check where things go wrong ?

Thanks in advance,
Arie.

3516. Lookie Who's Querying Others About Their Call.....

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 11:40:54 UTC
From: k4yz_01@yahoo.com
Message-ID: <1165405254.606462.247100@j44g2000cwa.googlegroups.com>
Source record: 48390
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy

hot-ham-and-cheese@hotmail.com wrote:
> Slow Code wrote:

> > I know what you mean Dan.
>
> No you don't. You're one of the foul-mouthed off-topic posters that
> Dan is complaining about.

I guess he's in good company then, Brain...There's you, Morkie,
Lennie, Frankie, and Toiddie to keep him warm!

> > With the anticipation that ham radio is going
> > to get dumbed down again real soon, the dumb-it-downers
>
> It got "dumbed-down" when a license was issued to you.

Pot / Kettle / Black

> BTW, what is your call?

What does it matter, Brain?

You don't sign YOUR call here!

You unceremoniously dropped your "billybeeper" personna for
"hot-ham-and-cheese", trying to hide your identity until your ego
overcame situational awareness and you did sign a post.

I can't help but wonder which one of the other annonnies may be you
right now...Afterall, that is your MO.

No matter...You'll do it again...You'll let your ego get ahead of
your common sense and you'll out yourself again. You always do.

Steve, K4YZ

3517. Re: Speaking of I2R losses

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 12:08:26 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1165406906.250166.294900@j72g2000cwa.googlegroups.com>
Source record: 48391

He has quite a receiving system... makes my active array look puny..
I did not get out to the radio station yesterday... I will today and
will TRY to remember to make note of the IR Gun for you.. I am
satisfied with it...

ORION problems !?! I hope not... I have a brand new one as the #1
radio... It seemed to work well in CQWW CW.. As a SO SB 80M LP entry I
worked 69 countries, a new high for me from the RF hole of Michigan...
The score will not be impressive as I made zero effort to run stations,
instead cruised the band for multipliers as a test of my new antenna
arrays for 80M this year...
Last nite I kept waking up thinking about 160 antennas and I can feel a
new plan coming together in the hidden recesses of my twisted mind...
Why oh why, can't my brain do this in June? Gawd I hate climbing
towers in blowing snow and 20 degrees...

denny / k8do

Yuri Blanarovich wrote:
> K8DO wrote:
>
> >>For Yuri, congratulations on the CQ160 win(s), nice job my friend...
> Drop me a description of his antenna setup... Wanna be's like me are
> always looking for an edge...

3518. Re: Radio Waves help!!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 12:11:32 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1165407092.630371.29770@j44g2000cwa.googlegroups.com>
Source record: 48392

DO NOT, repeat, DO NOT, think about this any more... Only madness and physical decline will follow you down such a twisted path... There is no hope for those of us who have already fallen into this trap... Save yourself while you can..

DO

DC wrote:
> Hi guys,
>
> I've been reading up on the different types of radio waves etc and am
> getting really confused between the concept different wavelength waves
> travelling different distances before being attenuated etc.
>
> The more I think about it all the more confused I am becomming and I
> was wondering if someone would be able to help me with this....
>
> Basically I have been told that shorter wavelength waves attenuate and
> scatter more easily. So working on this principle I know that medium
> waves (MW eg AM radio) are longer in wavelength than VHF (ie FM radio),
> so why is it that in car parks etc (i.e. under a roof) you can still
> pick up FM on the radio but not MW. Surely FM being shorter in
> wavelength (and consequently higher freq) will be scattered more? Is
> this to do with diffraction instead? Longer waves diffract more
> readily, so as FM is longer it diffracts more and is therefore heard
> 'around corners' (sorry for putting it like that!), whereas MW would
> not be?
>
> So, shortwave is also longer in wavelength than FM so perhaps this is
> better for transmitting over long distances ie for international
> transmission, but MW is even longer in wavelength so why is this not
> used instead?
>
> Lastly, SHF and EHF are used for satellite transmissions, but these are
> very small wavelengths for radio waves so surely here the scattering
> and attenuation would be so large that this would impede its path from
> the satellite to the ground? Or again are we just using SHF and EHF as
> diffraction effects would be minimal?
>
> If anyone could shed any light on this topic for me it would be really
> appreciated.
>
> Cheers
>
> DC

3519. Re: Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 12:17:57 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Vxydh.19550$9v5.0@newssvr29.news.prodigy.net>
Source record: 48393

Bill wrote:
> Yes I have lol :) The station I am trying to recieve usually comes in pretty
> good but sometimes at night it gets noisy. It is my understanding that an
> external AM Loop antenna will recieve better than an internal loop that
> comes with a small portable. I also have heard that a Loop picks up less
> noise than an internal ferrite loop or random wire would. I have heard that
> these external AM Loop antennas used to be quite common in the good ol'
> days. But that they fell out of favor with most people to be replaced with
> the internal ferrite loopstick antennas. If anyone has some detailed plans
> for these older styled external AM Loop antennas I would really like to get
> ahold of them. Thanks in Advance :) Bill

A friend of mine makes them. He uses the variable capacitor
out of old AM radios. He winds a number of turns of #30 wire
on a one foot diameter round piece of Styrofoam. He first
determined the number of turns needed by GDOing the coil
and cap in parallel to about 550 kc. Seems to me he used
20-30 turns. Just sitting it close to the radio and tuning
it to resonance solved his reception problem. It was resonant
and directional and its field was all the internal ferrite
loop antenna needed in his case. CCrane sells similar loops
under the trade name Select-A-Tenna.

http://www.ccrane.com/antennas/am-antennas/
--
73, Cecil http://www.w5dxp.com

3520. Re: OE-254 Versus COM-201B Antenna Comparison

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 12:38:40 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1165408720.337130.128700@j44g2000cwa.googlegroups.com>
Source record: 48394

Anthony,
Dennis O'Connor here... Ham radio operator, used to be electrical engineering guy for General Motors, and a good judge of beer and beautiful women - so my opinion has to be right on, right?

All joking aside, I see nothing in the article that rings my BS bell... Looks straight forward... the radiated pattern claims shown on the graphs look reasonable.. The L-match at the input (the inductor and capacitor) is a standard circuit that is done for matching a radio to an antenna...
There is one point I would make the manufacturer clear up (and it is obviously a typographical errer).. The frequency shown across the bottom of the graph labled "Comparison of Tune COM-201 vs. Untuned Antenna", is clearly wrong... The axis is labled as representing MHZ (1 million cycles per second, i.e. 1,000,000) but the numbers are entered as 0.03 to 0.09... If you multiply 0.03 X 1,000,000 you get 35 KHZ (35,000 cycles per second) not 30 MHZ (30,000,000 cycles per second), and likewise as you move across the bottom of the graph from number to number... Again, an obvious typo but when they are trying to do Mil-Spec business, details count...
The thing I cannot judge from the write up is the mechanical structure... It sounds good from the write up, but you might want to actually look at one and see if you feel it will hold up mechanically in the tender hands of a bored recruit... Certainly a smaller parts count means less chance of missing parts...
All in all, it looks like a good product for your use...

cheers ... denny / k8do

Anthony Jocius wrote:
> I didn't know where to go to answer this question, so that is why I'm in
> this newsgroup. Basically I'm a reservist for an Engineer Command.
> Recently, my boss asked me to do a comparison between an OE-254 (standard
> 30-88Mhz mast antenna) and an Atlantic Microwave COM-201B (30-88Mhz mast
> antenna).

3521. Re: Stub Matching software ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 12:42:51 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <fVydh.19552$9v5.7419@newssvr29.news.prodigy.net>
Source record: 48395

4nec2 wrote:
> Does anybody know a source for (similar) stub matching software
> (freeware or evaluation), so I can check where things go wrong ?

I still use ARRL MicroSmith for such. EZNEC will
also do some stub stuff for you.
--
73, Cecil http://www.w5dxp.com

3522. Re: Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 13:54:15 UTC
From: Bob Baldwin <bob-baldwin@tamu.edu>
Message-ID: <el6i24$s5s$1@news.tamu.edu>
Source record: 48398

Bill wrote:
> Hello everyone :) I am looking for detailed plans for an AM loop. I will
> be using it only for one frequency 1370AM so I dont want any tuners just a
> simple AM Loop antenna for my AM radio. I will have to solder a 1/8 plug to
> a 6-8 ft feedline to connect to my radio. It is a Kaito portable model
> 1103. I want to built this AM Loop cause I listen to talk radio alot and
> the static and other distant stations sometimes make it hard. I have done
> alot of looking around on google searches but have found no real detailed
> plans I am not sure if I should go with edge wound or Spiral wound. Any
> info you guys can give especially a detailed plan would be greatly
> appreciated. or maybe there is a website I may not have seen you would like
> to suggest. I am sure I have seen most of them atleast the most popular
> ones. Anyways thanks in advance for any input:) Bill

Bill,

I have built a number of small receiving loops, and they all work very well. The easiest way to design the loop is to use a small (and free) program written by Reg Edwards. Go to his website (http://www.btinternet.com/~g4fgq.regp/page3.html#S301%22) and download RJELOOP3. It will give you all the info you need, including the approximate capacitance to resonate the loop. The basic loop consists of about .1 wavelength of wire for the highest frequency of interest. A larger loop with fewer turns is much more efficient than a smaller one using more turns. You will need a variable cap to determine resonance - the thing tunes too sharp to "cut and try". Once the cap value is determined, have it measured and make up a fixed cap if you really don't want to use a variable. You can use a single turn of wire around the main loop as a low Z pickup that won't excessively load the main loop, of come off the cap directly to a hi Z FET amp with a low Z output to the radio. That makes tuning really sharp. These loops have very sharp rejection, but work best during the day. At night, there are often too many interferring stations, but it's still worth a try.

bob baldwin
bob-baldwin@tamu.edu

3523. Re: A cheapy all band antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 15:03:26 UTC
From: NomadW8 <cpa599@gmail.com>
Message-ID: <1165417406.485814.119090@16g2000cwy.googlegroups.com>
Source record: 48396

I've done something similar but simpler.

I took two 20' Bream poles & mounted them on a 1"x 2"x 8' with clamps. I left a 4' gap between the ends of the poles. Total extended length = 44'.

I then strung #16 wire along the outside of the entire length, feed it with ladder line thru a tuner & mounted it on a 30' tower.

Walla, a rotatable dipole for 40 meters thru 6 meters (75 meters is a push but it loads).

It has gain & directivity on 20 - 6.

Total cost - less then $40

Terry
W8EJO

3524. Re: A cheapy all band antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 15:28:55 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <0lBdh.9$SQ3.3@newsfe11.lga>
Source record: 48397

Art displays his "out of the box genius" again.
Describing his "cheap" version of StepIR antenna is like comparing
wheelbarrow to Mack truck.
Sure is cheaper and "simpler" and you can transport one brick with both, but
when it comes to loading serious load, the difference is obvious even to
bl?*&% idiot. :-)
Can you get that or is too complicated that it would need explanation with
polarized bubbles?

bada BUm

"art" <aunwin@insightbb.com> wrote in message
news:1165415632.984484.249290@l12g2000cwl.googlegroups.com...
> Don't really need a control box, apply the frequency as you turn the
> motor and stop when the SWR meter takes a dive. YThink positive
>
>
> n3ox.dan@gmail.com wrote:
>> I always looked at the SteppIR's and thought they were pretty much
>> exactly worth the money.
>>
>> By the time you worked up your own SteppIR-like control system and
>> actually got the sliding contacts to work in a low loss, reliable
>> fashion, you'd easily be up to the price of those antennas.
>>
>> Dan
>

3525. Re: Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 15:41:38 UTC
From: Gene Fuller <W4SZzzzzzz@att.net>
Message-ID: <SwBdh.159056$Fi1.120009@bgtnsc05-news.ops.worldnet.att.net>
Source record: 48399

Bill wrote:
> Hello everyone :) I am looking for detailed plans for an AM loop. I will
> be using it only for one frequency 1370AM so I dont want any tuners just a
> simple AM Loop antenna for my AM radio. I will have to solder a 1/8 plug to
> a 6-8 ft feedline to connect to my radio. It is a Kaito portable model
> 1103. I want to built this AM Loop cause I listen to talk radio alot and
> the static and other distant stations sometimes make it hard. I have done
> alot of looking around on google searches but have found no real detailed
> plans I am not sure if I should go with edge wound or Spiral wound. Any
> info you guys can give especially a detailed plan would be greatly
> appreciated. or maybe there is a website I may not have seen you would like
> to suggest. I am sure I have seen most of them atleast the most popular
> ones. Anyways thanks in advance for any input:) Bill

Bill,

Forget about the antenna problem. The bigger challenge is distinguishing
talk radio programming from static and interference, even if the radio
reception is perfect.

8-)

73,
Gene
W4SZ

3526. Re: Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 15:46:08 UTC
From: Gene Fuller <W4SZzzzzzz@att.net>
Message-ID: <4BBdh.159073$Fi1.104642@bgtnsc05-news.ops.worldnet.att.net>
Source record: 48400

Allodoxaphobia wrote:
> On Tue, 5 Dec 2006 20:34:30 -0600, Bill wrote:
>> Thanks for the input Christopher :) I am indeed determined to build one.
>> I don't want to build a tuning one though.
>
> Go ahead and build a tuneable one. It's not _that_ more complicated.
> Besides, the minute you would finish your no-tune antenna, Clear Channel
> Communications will buy up your favorite talk station and convert it to
> country and western. Then you'll have to look elsewhere up and down the
> AM band.
>
> Jonesy

I thought Colorado was part of the Wild West. Is is legal to listen to
anything other than C&W?

8-)

73,
Gene
W4SZ

3527. Re: Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 15:52:54 UTC
From: amdx <amdx@knology.net>
Message-ID: <10f30$4576e74c$45011502$838@KNOLOGY.NET>
Source record: 48401

"Bill" <Me@bellsouth.net> wrote in message
news:Xns9890A52D83B20Mebellsouthnet@216.77.188.18...
> Hello everyone :) I am looking for detailed plans for an AM loop. I will
> be using it only for one frequency 1370AM so I dont want any tuners just a
> simple AM Loop antenna for my AM radio. I will have to solder a 1/8 plug
> to
> a 6-8 ft feedline to connect to my radio. It is a Kaito portable model
> 1103. I want to built this AM Loop cause I listen to talk radio alot and
> the static and other distant stations sometimes make it hard. I have done
> alot of looking around on google searches but have found no real detailed
> plans I am not sure if I should go with edge wound or Spiral wound. Any
> info you guys can give especially a detailed plan would be greatly
> appreciated. or maybe there is a website I may not have seen you would
> like
> to suggest. I am sure I have seen most of them atleast the most popular
> ones. Anyways thanks in advance for any input:) Bill

Bill,
Make your loop tunable. Variable caps aren't that hard to find.
Find a program to calculate the inductance of an inductor.
Try a google search of Reg Edwards, Reg is no longer with us but
his wonderful programs are still available.
(Someone else may want to post some solenoid inductance calculators)
Make an inductor of 240uh. (Yes, other values will work)
A pure 240uh inductor and a 56pf cap resonate at about 1370khz.
(no inductor is pure, your inductor will have interwinding capacitance,
maybe 15pf, so 56pf minus 15pf is 41pf) So 41pf would make it resonate
at 1370khz. (pf = picofarad)
You could use a 100pf cap that will tune from about 1000khz to almost
1600khz.
Using a 365pf cap, this will tune almost the entire AM band.

Make an inductor of whatever size you are comfortable with 1ft to 8ft.
(Rotation is important but once you find the direction that minimizes noise
for your one station you have it.) So if you have a wall that is oriented
correctly
you could string wire around the corners.
You can go simple, as in wind it on styrofoam or a carboard box or spend
time
on a good frame and base and easy rotation.
If you get this far then there are a few ways to couple the signal into
your radio.
Tell me what you don't understand and I'll do my best to inform you.
Mike

3528. Re: Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 15:55:47 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <el6p66$i62$1@aioe.org>
Source record: 48402

Gene Fuller wrote:
> Bill wrote:
>> Hello everyone :) I am looking for detailed plans for an AM loop. I
>> will be using it only for one frequency 1370AM so I dont want any
>> tuners just a simple AM Loop antenna for my AM radio. I will have to
>> solder a 1/8 plug to a 6-8 ft feedline to connect to my radio. It is a
>> Kaito portable model 1103. I want to built this AM Loop cause I listen
>> to talk radio alot and the static and other distant stations sometimes
>> make it hard. I have done alot of looking around on google searches
>> but have found no real detailed plans I am not sure if I should go
>> with edge wound or Spiral wound. Any info you guys can give especially
>> a detailed plan would be greatly appreciated. or maybe there is a
>> website I may not have seen you would like to suggest. I am sure I
>> have seen most of them atleast the most popular ones. Anyways thanks
>> in advance for any input:) Bill
>
> Bill,
>
> Forget about the antenna problem. The bigger challenge is distinguishing
> talk radio programming from static and interference, even if the radio
> reception is perfect.
>
> 8-)
>
> 73,
> Gene
> W4SZ

Personally, I love talk radio. I have, long ago, given up on getting
any real information from major networks ... but then if I had to
listen to rush, or chaps like him, I'd abandon talk radio also!

A tuned loop is the way to go. The only real practical application of
one needs a variable cap in my humble opinion ...

JS

3529. Re: Simple AM Loop Antenna? may have found it

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 16:20:55 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <ebrdn2d8ja8erl01i8krirkbuu7d0brm9p@4ax.com>
Source record: 48403

On Wed, 6 Dec 2006 00:07:24 -0600, "Bill" <me@bellsouth.net> wrote:

>After searching for about a week now on Google I think I may have stumbled
>on something here. What do you guys think about this AM loop? If nothing
>else it should atleast work better than the internal Ferrite Loopstick
>right? It requires no tuner.
>http://members.cox.net/rwagoner/columns/am_antenna.html

Hi Bill,

Give it a try. It may work for what you want it to do, but if you add
a capacitor, it will do considerably better. Also, claims of
canceling noise are rarely demonstrated without care and attention to
design (this one does not go that extra mile).

73's
Richard Clark, KB7QHC

3530. Re: Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 16:23:02 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <el6qp8lld1@aioe.org>
Source record: 48404

Bill wrote:
> ...

Far as mw loops go, this person has put together a reasonable page with
good links:

http://www.mindspring.com/~loop_antenna/

JS

3531. Re: A cheapy all band antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 16:23:28 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <sfrdn25lsf9p4h7cdtcv5gtik8c1ii8g7k@4ax.com>
Source record: 48405

ORIGINAL MESSAGE:

On 5 Dec 2006 18:59:59 -0800, "art" <aunwin@insightbb.com> wrote:

>Before I started on my present project I looked at the IR antenna
>allband
>Wow I couldnt believe the price and why are hams not building it
>themselves.
>You know you could buy telescopic fishing poles and stick aluminum foil
>along its outside length
> and at particular points take off some foil and push some finger stock
>into
>the inner of the pole It is then an easy job to switch these gaps
>closed or open
>depending on the band you are using.

---------- REPLY FOLLOWS ----------

This has to be a troll. Nobody in their right mind would ever build
such a kludge.

Bill, W6WRT

3532. Re: A cheapy all band antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 16:29:29 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <el6r5c$mg9$1@aioe.org>
Source record: 48406

Bill Turner wrote:
>
> This has to be a troll. Nobody in their right mind would ever build
> such a kludge.
>
> Bill, W6WRT

Bill:

I can tell, you never seen my "Beer Can Antenna." (made with REAL beer cans!--they were steel back then.) Seemed to work best the first day I built it, and had to empty the cans ...

Regards,
JS

3533. Re: A cheapy all band antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 16:31:46 UTC
From: "R. Scott" <spamtrap@w7psk.net>
Message-ID: <J9v1wy.G7t@news.boeing.com>
Source record: 48411

art" <aunwin@insightbb.com> wrote in message
news:1165421463.746395.98550@f1g2000cwa.googlegroups.com...
> Why are you being so abusive?

Steppir Fanboy

They consider everyone who doesn't pay the exorbitant prices of the steppirs
NON-HAMS.

3534. Re: I have a doubt in smith chart

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 16:35:39 UTC
From: money <ezzee_rajesh@hotmail.com>
Message-ID: <1165422939.463469.20820@73g2000cwn.googlegroups.com>
Source record: 48407

Yeah sure....

Please do send it...

3535. Re: A cheapy all band antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 16:40:24 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <el6rpr$o6i$1@aioe.org>
Source record: 48408

John Smith wrote:
> Bill Turner wrote:
>>
>> This has to be a troll. Nobody in their right mind would ever build
>> such a kludge.
>>
>> Bill, W6WRT
>
> Bill:
>
> I can tell, you never seen my "Beer Can Antenna." (made with REAL beer
> cans!--they were steel back then.) Seemed to work best the first day I
> built it, and had to empty the cans ...
>
> Regards,
> JS

Bill:

Forgot to mention, it was for 10 meters, monopole.

Been considering a 160 meter dipole. Probably need some help getting
"materials together" and construction with that project (most likely
take a few days.) I am just beginning the math to figure out how many
36 packs I will need.

I expect it to be more efficient due the new fangled aluminum cans and
the expected lower losses in dc resistance!

Regards,
JS

3536. cyber vandal at work

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 16:47:52 UTC
From: Mark@kb9rqz.aprs
Message-ID: <91tdn2hmol1bl66emop20aipd3dd81g3pe@4ax.com>
Source record: 48409
Cross-posted to: rec.radio.amateur.antenna,rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

On 6 Dec 2006 01:23:23 -0800, "K4YZ" <stevenrobeson@aol.com> wrote:

>
>snot-scam-and-sleaze@hotmail.com, Better Known As Brian P Burke, N0IMD
>wrote:

cyber vandal at work

steve all yu are doing is enaging in cyber vandalism you don't discuss
you do't try to make a papoint anymore

and if you insit on fraudletly altering the atributioan this is all
you get
currnet count of your cyber vadalism attacktoday is 40 and conuting
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3537. cyber vandal at work

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 16:54:19 UTC
From: Mark@kb9rqz.aprs
Message-ID: <gdtdn25khm60mgi5uh8tmnq2674d7qidp1@4ax.com>
Source record: 48410
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy

On 6 Dec 2006 03:40:54 -0800, k4yz_01@yahoo.com wrote:

>
cyber vandal at work

steve all yu are doing is enaging in cyber vandalism you don't discuss
you do't try to make a papoint anymore

and if you insit on fraudletly altering the atributioan this is all
you get
currnet count of your cyber vadalism attacktoday is 40 and conuting
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3538. Re: Stub Matching software ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 18:01:54 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <3tudn29nkj8ovq45go1fce3vskmvvc31qp@4ax.com>
Source record: 48412

On 6 Dec 2006 03:15:54 -0800, "4nec2" <4nec2@gmx.net> wrote:

>Somehow, and using Nec2, I seem not always able to get expected
>impedance values when using the results produced by L.B. Cebik's stub
>matching software at http://www.cebik.com/trans/ant-match.html
>

Arie,

The versions of NEC that I have used all treat transmission line elements defined as such as lossless, and so the results will be in error to some extent, depending on the scenario. Allowing for that error, models I have built and checked appear correct.

The spreadsheet by L B Cebik linked from the page above depends on an assumption that Z is real for some of the match types, and again assumes that the line sections are lossless (implying Zo is real).

The assumption of lossless lines might often be acceptable for open wire lines, but less so for common commercial coaxial lines.

My experience with stub matching is that significant trimming of the theoretical design is usually necessary. I suspect tolerances of transmission line parameters is a large contributor to the error, and some stub designs become extremely sensitive to small changes in components. Assuming that stub matching is 100% efficient (ie that line sections are lossless) is another significant contributor.

>Does anybody know a source for (similar) stub matching software
>(freeware or evaluation), so I can check where things go wrong ?
>

The line loss calculator at http://www.vk1od.net/tl/tllc.php will calculate the transformation in series line sections of about 100 common line types, having regard for line loss. Impedances are dealt with as complex quantities. This also allows calculation of the input impedance of an o/c or s/c stub by specifying an appropriate termination impedance. The line loss model used is described on the page above.

For example, what is the impedance of a quarter wave stub of RG58C/U at 14MHz? You know it cannot be infinite, but that is what lossless estimates will produce. The calculator above suggests that 3.53492m of Belden 8262 s/c stub has an input impedance of about 2300+j0 ohms. At 7MHz, the same stub would have an input impedance of about 2.3+j49.96 (a quite lossy equivalent inductor) where lossless estimates would suggest 0+j50.

A useful feature of a "Smith chart program" would be a decent transmission line loss model for transmission line segments. Most that I have seen seem to ignore it, Winsmith allows specifications of line loss, but it is tedious and nevertheless only allows specification of real values for Zo.

XLZIZL and the derived TLDetails are applications that consider the line loss in calculations (but whilst estimating Xo, assume that Ro is equal to nominal Zo). There are other programs that use a similar approximation but seem to have unrealistic built in line loss data.

Owen
--

3539. Re: Stub Matching software ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 18:21:05 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <ab1en21skmdrg4guunqhmg0s6mlfpcq2mq@4ax.com>
Source record: 48413

On 6 Dec 2006 03:15:54 -0800, "4nec2" <4nec2@gmx.net> wrote:

>Somehow, and using Nec2, I seem not always able to get expected
>impedance values when using the results produced by L.B. Cebik's stub
>matching software at http://www.cebik.com/trans/ant-match.html

Just working the example of Bramhams solution in LB's spreadsheet with
http://www.vk1od.net/tl/tllc.php :

Line 2:
Belden 8262,
length=0.848*0.66=0.560m,
Zload=50+j0,
Zin=58.34+j20.44

Line 1:
Belden 9204,
length=0.848*0.66=0.560m,
Zload=58.34+j20.44,
Zin=75.22-j1.33

Seems close enough!

Which match type did you have problems with?

Owen
--

3540. Re: A cheapy all band antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 18:26:18 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <jXDdh.25$SQ3.11@newsfe11.lga>
Source record: 48414

Just pointing out your way of thinking "out of the box" on practical example
that anyone can relate to. Like we are so stooopid to pay bucks for antenna
when we can slap it from aluminum foil, like we are so stooopid for 100
years of antenna development that you have to enlighten us with your what?
Like your patent, awgh, never mind....

73 Yuri, K3BU xOK

"art" <aunwin@insightbb.com> wrote in message
news:1165421463.746395.98550@f1g2000cwa.googlegroups.com...
> Why are you being so abusive?
>
> Yuri Blanarovich wrote:
>> Art displays his "out of the box genius" again.
>> Describing his "cheap" version of StepIR antenna is like comparing
>> wheelbarrow to Mack truck.
>> Sure is cheaper and "simpler" and you can transport one brick with both,
>> but
>> when it comes to loading serious load, the difference is obvious even to
>> bl?*&% idiot. :-)
>> Can you get that or is too complicated that it would need explanation
>> with
>> polarized bubbles?
>>
>> bada BUm
>>
>> "art" <aunwin@insightbb.com> wrote in message
>> news:1165415632.984484.249290@l12g2000cwl.googlegroups.com...
>> > Don't really need a control box, apply the frequency as you turn the
>> > motor and stop when the SWR meter takes a dive. YThink positive
>> >
>> >
>> > n3ox.dan@gmail.com wrote:
>> >> I always looked at the SteppIR's and thought they were pretty much
>> >> exactly worth the money.
>> >>
>> >> By the time you worked up your own SteppIR-like control system and
>> >> actually got the sliding contacts to work in a low loss, reliable
>> >> fashion, you'd easily be up to the price of those antennas.
>> >>
>> >> Dan
>> >
>

3541. Re: Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 20:12:26 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <KuFdh.923$Gr2.683@newssvr21.news.prodigy.net>
Source record: 48415

Gene Fuller wrote:
> Is is legal to listen to anything other than C&W?

Johnny Cash was doing rap long before there were
any rappers. :-)
--
73, Cecil http://www.w5dxp.com

3542. Re: Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 20:33:54 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <el79fksaq1@aioe.org>
Source record: 48416

Bill wrote:
> Hello everyone :) I am looking for detailed plans for an AM loop. I will
> ...

Bill:

How about a "black hole antenna?"
http://www.unusualresearch.com/Sutton/sutton.htm

JS

3543. Re: Radio Waves help!!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 21:23:04 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <g0cen257k0b8fth1v2rhuv5ne689ge45g6@4ax.com>
Source record: 48417

On 6 Dec 2006 01:32:55 -0800, "DC" <dc.physics@gmail.com> wrote:

>Basically I have been told that shorter wavelength waves attenuate and
>scatter more easily.

Hi OM,

As a generality, this is true; but generalities that are this
all-encompassing don't actually explain anything. Scattering is
dependant upon what is doing the actual scattering, and this
dependency is related to its size in terms of the wavelength.

>So working on this principle

This is your first mistake because the generality is NOT a principle.
We will skip the remaining presumptions.

>If anyone could shed any light on this topic for me it would be really
>appreciated.

Light (as in illumination) will serve this purpose too, because it is
shortwaved (by a million fold or more) and yet it confounds many of
those presumptions that I discarded above.

Attenuation can by one of two ways. The energy can be consumed along
the way, or it can be diverted (scattered) which to the observer
amounts to the same thing - less light (or RF or waves or
what-have-you).

Scattering is a little more sophisticated in that the path along which
the energy was directed, changes (and sometimes, so does the
wavelength). Scattering will also offer other opportunistic modes
such as diffraction, reflection, refraction (a whole list of shuns).
You should note that a partial reflection of light, to the observer,
will appear to be attenuation. Further, through diffractions the
original wave may appear to become multiple sources of the same
energy, but with different phases. When those phases combine, the
observer may yet again perceive an attenuation.

To tie this all together, wavelength will determine if the scattering
body is suitable large/small to lend an effect to the observer. This
is why through your list of wavelengths there appeared to be unusual
distinctions. Those distinctions were the properties of the medium or
the interfering bodies (scatterers) - not the source wavelength, per
se. These properties fall into the studies of chromatography,
spectroscopy, and so on (which have their equivalents at all
wavelengths, but are suitable more for the optical wavelengths).

One excellent example is in the InfraRed region where water vapor selectively scatters, absorbs or transmits various wavelengths in a small band of frequencies. Water vapor will also do similar tricks in the 2GHz region.

73's
Richard Clark, KB7QHC

3544. Re: A gaussian style radiating antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 22:19:01 UTC
From: Dave <noone@nowhere.com>
Message-ID: <rrmdnVmRH8dD3OrYnZ2dnUVZ_veinZ2d@crocker.com>
Source record: 48418

"art" <aunwin@insightbb.com> wrote in message
news:1165371753.461205.86820@80g2000cwy.googlegroups.com...
<technobabble snipped>
> Center Frequency of use 14.25 MHz
> element length height
>
> 1 209.46 927.1 feed element
> 2 198.25 973.97
> 3 172.78 822.86
> 4 219.83 964.4
> 5 185.53 922.4

ok, if i am reading this right the elements are stacked vertically above and below the fed element?
assuming the distances are in inches, your element 5 is about 5" from the fed element? and elements 2 and 4 are about 8" apart??

assuming the above is correct, you have probably rediscovered the hazards of runaway optimizations. aka: how to get super gain without really trying!
you will most likely find that the bandwidths are unusually narrow, and the feed point impedance is extremely low or highly reactive... all signs of a design that can't be fed without extremely high losses... and would only work on one frequency, if at all.

3545. Re: Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 22:40:09 UTC
From: Irv Finkleman <finkirv@shaw.ca>
Message-ID: <457746D0.3BBCA5BF@shaw.ca>
Source record: 48419

For reception you can get those little tuning caps they use in
the portables -- about 1 inch square and half an inch thick.
You can usually find them at Radio Scrap -- er Shack.

Irv

John Smith wrote:
>
> Gene Fuller wrote:
> > Bill wrote:
> >> Hello everyone :) I am looking for detailed plans for an AM loop. I
> >> will be using it only for one frequency 1370AM so I dont want any
> >> tuners just a simple AM Loop antenna for my AM radio. I will have to
> >> solder a 1/8 plug to a 6-8 ft feedline to connect to my radio. It is a
> >> Kaito portable model 1103. I want to built this AM Loop cause I listen
> >> to talk radio alot and the static and other distant stations sometimes
> >> make it hard. I have done alot of looking around on google searches
> >> but have found no real detailed plans I am not sure if I should go
> >> with edge wound or Spiral wound. Any info you guys can give especially
> >> a detailed plan would be greatly appreciated. or maybe there is a
> >> website I may not have seen you would like to suggest. I am sure I
> >> have seen most of them atleast the most popular ones. Anyways thanks
> >> in advance for any input:) Bill
> >
> > Bill,
> >
> > Forget about the antenna problem. The bigger challenge is distinguishing
> > talk radio programming from static and interference, even if the radio
> > reception is perfect.
> >
> > 8-)
> >
> > 73,
> > Gene
> > W4SZ
>
> Personally, I love talk radio. I have, long ago, given up on getting
> any real information from major networks ... but then if I had to
> listen to rush, or chaps like him, I'd abandon talk radio also!
>
> A tuned loop is the way to go. The only real practical application of
> one needs a variable cap in my humble opinion ...
>
> JS

--

Visit my HomePage at http://members.shaw.ca/finkirv/index.html
Visit my Baby Sofia website at http://members.shaw.ca/finkirv4/index.htm
Visit my OLDTIMERS website at http://members.shaw.ca/finkirv5/index.htm
---
Irv Finkleman,
Grampa/Ex-Navy/Old Fart/Ham Radio VE6BP
Calgary, Alberta, Canada

3546. Re: A gaussian style radiating antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 22:52:47 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <0vhen2p3mbjd8lrfqp1gc4ksdd7ang27pe@4ax.com>
Source record: 48420

On Wed, 6 Dec 2006 22:19:01 -0000, "Dave" <noone@nowhere.com> wrote:

>you have probably rediscovered the hazards of
>runaway optimizations. aka: how to get super gain without really trying!

Hi Dave,

Super gain? I improved the gain and the feed Z by throwing away 4
wires. I hope "AO program by Beasely" is not slurred by this example.

>> Center Frequency of use 14.25 MHz
>> element length height
>>
>> 1 209.46 927.1 feed element
>> 2 198.25 973.97
>> 3 172.78 822.86
>> 4 219.83 964.4
>> 5 185.53 922.4
specification for a classical waste of time. [However, it is
certainly the poster child for first establishing a reference against
which improvement is measured.]

73's
Richard Clark, KB7QHC

3547. Re: Radio Waves help!!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 23:14:33 UTC
From: richardharrison@webtv.net
Message-ID: <28823-45774ED9-149@storefull-3254.bay.webtv.net>
Source record: 48421

"DC" wrote:
"Basically I have been told that shorter wavelength waves attenuate and scatter more easily."

That is only part of the story. To pass through an opening, the wave must be small with respevct to the opening to avoid severe attenuation. An example may be evident when you are tuned to an AM broadcast on a car radio and you enter a bridge, tunnel, or parking garage. The AM signal may disappear. If you tun-in an FM signal, it may be strong. The FM wavelength fits through pores in the structure.

In a tunnel, the diameter must be at least 1/2-wavelength not to severely attenuate attempted propagation of a wave through the tunnel.

Best regards, Richard Harrison, KB5WZI

3548. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-06 23:33:07 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1165447987.787826.13310@j72g2000cwa.googlegroups.com>
Source record: 48422
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.swap

tools wrote:
>
you do post a lot for someone that I don't has yet typed a single word

3549. Re: Radio Waves help!!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-07 00:49:44 UTC
From: Dave Oldridge <doldridg@leavethisoutshaw.ca>
Message-ID: <Xns9891AAD7AC492doldridgsprintca@64.59.135.159>
Source record: 48423

"DC" <dc.physics@gmail.com> wrote in news:1165397575.751044.20090@
73g2000cwn.googlegroups.com:

> Hi guys,
>
> I've been reading up on the different types of radio waves etc and am
> getting really confused between the concept different wavelength waves
> travelling different distances before being attenuated etc.
>
> The more I think about it all the more confused I am becomming and I
> was wondering if someone would be able to help me with this....
>
> Basically I have been told that shorter wavelength waves attenuate and
> scatter more easily. So working on this principle I know that medium
> waves (MW eg AM radio) are longer in wavelength than VHF (ie FM radio),
> so why is it that in car parks etc (i.e. under a roof) you can still
> pick up FM on the radio but not MW. Surely FM being shorter in
> wavelength (and consequently higher freq) will be scattered more? Is
> this to do with diffraction instead? Longer waves diffract more
> readily, so as FM is longer it diffracts more and is therefore heard
> 'around corners' (sorry for putting it like that!), whereas MW would
> not be?
>
> So, shortwave is also longer in wavelength than FM so perhaps this is
> better for transmitting over long distances ie for international
> transmission, but MW is even longer in wavelength so why is this not
> used instead?
>
> Lastly, SHF and EHF are used for satellite transmissions, but these are
> very small wavelengths for radio waves so surely here the scattering
> and attenuation would be so large that this would impede its path from
> the satellite to the ground? Or again are we just using SHF and EHF as
> diffraction effects would be minimal?
>
> If anyone could shed any light on this topic for me it would be really
> appreciated.

Radio waves of different wavelengths do behave differently.

Long waves of 600 meters or more couple well to the ground and propagate
along it for very long distances. Waves of medium length, from about 100
to 600 or even 1000 meters also couple to the ground but do not travel as
far in that mode. They also reflect of the ionosphere's E and F layers
when those are present, though they are absorbed by the D layer in
daytime.

Shorter waves, from 100 meters on down to about 10 meters often bounce off the F layer for very long distances. These, too can bounce off the E layer. Waves shorter than about 60 meters do not get absorbed so badly by the D layer and thus propagate in daytime. The F layer's contribution depends heavily on energy from the sun. When the sunspot cycle is at a low, like now, propagation on 10 meters is rare (and usually attributable to E layer activity). Generally there is a maximum usable frequency between any two paths. Transmission on a shorter wavelength that that frequency (in other words a higher frequency) will result in the wave simply travelling into outer space.

VHF frequencies normally propagate on line of sight paths, but there are exceptions. Sometimes the E-layer will get a patch that's very hot and the MUF between points about 1200 miles apart will rise up to as much as 250mhz. Sometimes an inversion layer can bend paths back along the surface. And just plain brute force can scatter a signal forward through the shrubbery for quite a distance if you use the right antenna and the right modes (about 300 miles reliably on 144mhz).

--
Dave Oldridge+
ICQ 1800667

3550. Re: A QRZ Trivia Question That Smegma Radio May Find Educational

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-07 00:50:45 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <FzJdh.7332$sf5.980@newsread4.news.pas.earthlink.net>
Source record: 48424
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy

"KC4UAI" <kc4uai@gmail.com> wrote in
news:1165422633.729925.259700@79g2000cws.googlegroups.com:

>
> I for one don't want to loose my ticket. Despite what SC says, I
> worked for that Extra...
>
> -= bob =-

Post restructuring License EXAM

(Simplified test approved by all book and magazine publiher and
VE whorehou$e$ who $ay "We need more ham$")

Please PRINT (that means no squiggly lines)

YOUR NAME (what they call you) _____

ADDRESS (where you live) _____

BIRTHDATE (when you were born) _____

EXAM

Instructions: Make a circle (one of these round things O) around the
letter of the best answer! This is so we know what your answer to the
question is!

1. You TALK into a microphone with your _____.

A. Hands
B. Feet
C. Toes
D. Mouth
E. Armpits

2. When you talk into a microphone, you talk into _____.

A. the front
B. the back
C. the top
D. the bottom
E. the wire

3. "HEADPHONES" are worn over the _____.

A. Knees
B. Eyes

C. Toes
D. Ears
E. Lips

4. What do you do with the AC line cord coming out of a power supply?

A. Hold it in the air to pick up signals
B. Pull on it to start the motor
C. Talk into the plug to get real "skip DX"
D. Hook it to your antenna
E. Insert the plug into a source of power

5. A "two meter" radio is:

A. twice as strong as a one-meter radio
B. two one-meter radios in series
C. a CB with two meters on the front panel
D. a good doorstop
E. yo mama

6. A "ten-foot mast" is how long?

A. Ten feet
B. Ten pounds
C. Two meters
D. Tree-top tall
E. yo mama

7. A "Triband antenna" is made to work on how many bands?

A. 1
B. 2
C. 3
D. 4
E. 10

8. The "Marconi" antenna is named after:

A. Marconi
B. Mantovani
C. macaroni
D. Dean Martin
E. yo mama

9. What colors of DIODES can you buy at a Radio Shack store?

A. Red, blue and black
B. Red, yellow and green
C. Orange and brown
D. I am colorblind so this is a discriminatory question and I should automatically get my license because you have been mean to me.
E. I have no intention of ever using DIODES, so I should get my license for free.

10. What color of SLURPEE can you buy at 7-11?

A. Red, blue and black
B. Red, yellow and green
C. Orange and brown
D. I am colorblind so this is a discriminatory question and I should automatically get my license and free slurpees forever because you have been mean to me.

END OF EXAM.

YOUR SIGNATURE (slap yo tag here)

Scoring:

Get THREE correct and you get an EXTRA!!!!
Get TWO right and you get an ADVANCED!!!!
Get ONE right and you get a GENERAL!!!
Miss them all? Just blow the VE and get a no-code Tech Markie!!!

3551. kook right on time

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-07 00:53:03 UTC
From: Mark@kb9rqz.aprs
Message-ID: <jepen2l4g9t4rim762tflm65oro8ssn4dl@4ax.com>
Source record: 48425
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy

On Thu, 07 Dec 2006 00:50:45 GMT, Slow Code <my.mail@no.spam> wrote:

>"KC4UAI" <kc4uai@gmail.com> wrote in
>news:1165422633.729925.259700@79g2000cws.googlegroups.com:
>
>>
>> I for one don't want to loose my ticket. Despite what SC says, I
>> worked for that Extra...
>>
>> -= bob =-
>
>
>
>Post restructuring License EXAM

kook right on time
can you tell about anything steve?
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3552. Re: A cheapy all band antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-07 01:07:00 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <3bNdh.1315$q%1.467@bignews6.bellsouth.net>
Source record: 48280

Be careful Yuri or you will start to blither too.|:)

"Yuri Blanarovich" <K3BU@optonline.net> wrote in message
news:jXDdh.25$SQ3.11@newsfe11.lga...
> Just pointing out your way of thinking "out of the box" on practical
> example that anyone can relate to. Like we are so stooopid to pay bucks
> for antenna when we can slap it from aluminum foil, like we are so
> stooopid for 100 years of antenna development that you have to enlighten
> us with your what?
> Like your patent, awgh, never mind....
>
> 73 Yuri, K3BU xOK
>
>
> "art" <aunwin@insightbb.com> wrote in message
> news:1165421463.746395.98550@f1g2000cwa.googlegroups.com...
>> Why are you being so abusive?
>>
>> Yuri Blanarovich wrote:
>>> Art displays his "out of the box genius" again.
>>> Describing his "cheap" version of StepIR antenna is like comparing
>>> wheelbarrow to Mack truck.
>>> Sure is cheaper and "simpler" and you can transport one brick with both,
>>> but
>>> when it comes to loading serious load, the difference is obvious even to
>>> bl?*&% idiot. :-)
>>> Can you get that or is too complicated that it would need explanation
>>> with
>>> polarized bubbles?
>>>
>>> bada BUm
>>>
>>> "art" <aunwin@insightbb.com> wrote in message
>>> news:1165415632.984484.249290@l12g2000cwl.googlegroups.com...
>>> > Don't really need a control box, apply the frequency as you turn the
>>> > motor and stop when the SWR meter takes a dive. YThink positive
>>> >
>>> >
>>> > n3ox.dan@gmail.com wrote:
>>> >> I always looked at the SteppIR's and thought they were pretty much
>>> >> exactly worth the money.
>>> >>
>>> >> By the time you worked up your own SteppIR-like control system and
>>> >> actually got the sliding contacts to work in a low loss, reliable

>>> >> fashion, you'd easily be up to the price of those antennas.
>>> >>
>>> >> Dan
>>> >
>>
>
>

3553. Re: Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-07 01:30:53 UTC
From: richardharrison@webtv.net
Message-ID: <4801-45776ECD-174@storefull-3257.bay.webtv.net>
Source record: 48276

Bob Baldwin wrote:
"The easiest way to design the loop is to use a small (and free) program written by Reg Edwards. Go to his website (http://www.btinternet.com/~g4fgq.reg/page3.html#S301%22 and download RJELOOP3.

Glad someone is keeping Reg`s remarkable work available since his too soon death.

Best regards, Richard Harrison, KB5WZI

3554. Re: Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-07 01:31:33 UTC
From: richardharrison@webtv.net
Message-ID: <4801-45776EF5-175@storefull-3257.bay.webtv.net>
Source record: 48277

Bob Baldwin wrote:
"The easiest way to design the loop is to use a small (and free) program written by Reg Edwards. Go to his website (http://www.btinternet.com/~g4fgq.reg/page3.html#S301%22 and download RJELOOP3.

Glad someone is keeping Reg`s remarkable work available since his too soon death.

Best regards, Richard Harrison, KB5WZI

3555. Re: Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-07 03:51:53 UTC
From: Bob Miller <NOSPAM@neosoft.com>
Message-ID: <mn3fn2lckc8ts34nq2sictpg2i5gqt0i61@4ax.com>
Source record: 48278

On Tue, 05 Dec 2006 22:17:18 GMT, Bill <Me@bellsouth.net> wrote:

>Hello everyone :) I am looking for detailed plans for an AM loop. I will
>be using it only for one frequency 1370AM so I dont want any tuners just a
>simple AM Loop antenna for my AM radio. I will have to solder a 1/8 plug to
>a 6-8 ft feedline to connect to my radio. It is a Kaito portable model
>1103. I want to built this AM Loop cause I listen to talk radio alot and
>the static and other distant stations sometimes make it hard. I have done
>alot of looking around on google searches but have found no real detailed
>plans I am not sure if I should go with edge wound or Spiral wound. Any
>info you guys can give especially a detailed plan would be greatly
>appreciated. or maybe there is a website I may not have seen you would like
>to suggest. I am sure I have seen most of them atleast the most popular
>ones. Anyways thanks in advance for any input:) Bill

Get a GE SuperRadio III. It's cheap. About $50. It also has a built-in
8-inch ferrite antenna. Cheapest radio I know of that has that big a
ferrite. Also has a screw terminal on back that accepts an external AM
wire antenna. If that doesn't do it, get the Select-A-Tenna external
loop fro

3556. Re: Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-07 04:22:14 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <XFMdh.57$Nj4.39@newsfe17.phx>
Source record: 48279

"Bill" <Me@bellsouth.net> wrote in message
news:Xns9890A52D83B20Mebellsouthnet@216.77.188.18...
> Hello everyone :) I am looking for detailed plans for an AM loop. I will
> be using it only for one frequency 1370AM so I dont want any tuners just a
> simple AM Loop antenna for my AM radio. I will have to solder a 1/8 plug
to
> a 6-8 ft feedline to connect to my radio. It is a Kaito portable model
> 1103. I want to built this AM Loop cause I listen to talk radio alot and
> the static and other distant stations sometimes make it hard. I have done
> alot of looking around on google searches but have found no real detailed
> plans I am not sure if I should go with edge wound or Spiral wound. Any
> info you guys can give especially a detailed plan would be greatly
> appreciated. or maybe there is a website I may not have seen you would
like
> to suggest. I am sure I have seen most of them atleast the most popular
> ones. Anyways thanks in advance for any input:) Bill

Bill,

Refer to the posters who recommended you search the web. Find a tested
design. There are so-o-o-o many variables.

A few notes from my experience; You can couple to an existing radio four
ways (assuming you don't have a ready-made External Antenna jack):

a) Solder a wire onto the tuning capacitor of the existing radio. This will
detune it, so you'll have to adjust the trimmer. This worked wonderfully
well for a cheap battery portable radio that I used on a Navy ship. It has
decent AM sensitivity without anything connected to the wire, but inside the
ship I needed the connection to use a ship's antenna which was available to
me.

b) Wind a few turns of wire around the AM loopstick, connect one end to a
ground and the other end to your external AM loop.

c) Same as above but wind the turns around the whole radio. You probably
get poorer coupling, but you don't need to open the radio.

d) Put the loop near the radio. (See following anecdote.)

Some years ago, having the same need you describe, I built an AM loop with
a random coil and a junk AM radio tuning cap to resonate it. I just dug it
out. The coil consists of 18 turns of hookup wire around the lid of a paper
case, the box that hold ten reams of printer paper. It only tunes the
bottom third of the BC band, so it's probably got too much inductance. I
can couple to a radio merely by putting it next to the radio; the
improvement is most noticeable on weaker stations and the effectiveness

varies wildly with the orientation of the radio and the loop. If I added an external antenna wire and a ground, things would change.

3557. Re: Protection of 23cm / 13cm antennas - what paint or coating?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-07 07:05:40 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <43Pdh.1027$BL4.18@bignews2.bellsouth.net>
Source record: 48281

"ferrymanr" <richardferryman@btinternet.com> wrote in message
news:s7-dnaRThJOn_M_YnZ2dnUVZ8qSdnZ2d@bt.com...
>I have home made antennas for 23cm and 13cm ATV. These are made mainly of
>copper, Copper clad fibreglas PCB material and 3mm diameter silver plated
>wire with silver plated N-Type connectors an solid copper coax. I want to
>protect them from corrosion etc. Is there a paint, varnish, laquer etc.
>(ideally an aerosol type) that I can use which will not introduce losses?
>If someone can give me guidance as to what base type - for example
>acrylic - I should use it would be most helpful. I am always wary of the
>sprays supplied for spraying vehicles but these seem to be the most
>commonly available.
> Thank you
> Dick G4BBH
>
Acrylic enamel auto paint is good for paiting antennas if you must It is
vertually transparent at RF frequencies.I used to install TVRO systems and
know of a couple of horror stories where the dish was painted with latex
house paint.

3558. Re: Stub Matching software ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-07 11:52:35 UTC
From: 4nec2 <4nec2@gmx.net>
Message-ID: <1165492355.147934.217420@16g2000cwy.googlegroups.com>
Source record: 48282

Hello Owen, thanks for the comprehensive explanation.

> Which match type did you have problems with?

The 'problem' however was not directly related to lossy lines, but more about why Nec2 would not correctly model the results as achieved by Cebik's spreadsheet. This because both use lossless lines. I can imagine the outcome has a spread around 50 ohms or so, I did not expect results around 20 ohms or even worse.

At the moment I do not have the corresponding models available overhere. I'll post them tomorrow, maybe someone else can figure out what I am doing wrong...

Arie.

3559. Re: Stub Matching software ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-07 13:54:36 UTC
From: Wes <n7ws@yahoo.com>
Message-ID: <1165499676.097756.167300@79g2000cws.googlegroups.com>
Source record: 48283

4nec2 wrote:
> Somehow, and using Nec2, I seem not always able to get expected
> impedance values when using the results produced by L.B. Cebik's stub
> matching software at http://www.cebik.com/trans/ant-match.html
>
> Does anybody know a source for (similar) stub matching software
> (freeware or evaluation), so I can check where things go wrong ?
>
> Thanks in advance,
> Arie.

Arie,

If you are using the 1/4 wavelength series section worksheet, there is a factor of four error. Instead of calculating a 1/4 wavelength line, it calculates a full wavelength. If you will divide each of the values in cells G10 through G12 by 4 you will get the correct line length.

The Beta matching worksheet seems to be correct. I use stub matching on my 20-meter Yagi and the modeled values and my measured values are remarkably close. The stub length given in the worksheet correlates fine with the model.

Regards,

Wes N7WS

3560. i punce in agin

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-07 18:08:54 UTC
From: an old fiend <Mark@kb9rqz.apr>
Message-ID: <45784bed$0$15473$88260bb3@free.teranews.com>
Source record: 48284
Cross-posted to:
rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb,alt.usenet.kooks

ok I back four anoter tuff day on the news grupes it my job tast is waht I
do so bringit on you loosers

show-na-to-va (that is the greeting for this time of year as JEW rendered
phonicticaly)
happy new years it means and it can be better one if Wismen Robson and SC a
few just decided to not to be as hateful

with the punce gotcha he wonders why I simple don't bother to ty impoving
my spelling do u hav anyting cognet two say?

dont even tink aoubt forgering my fake emale a dress you loosers
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3561. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-07 18:10:22 UTC
From: Mark@kb9rqz.aprs
Message-ID: <q7mgn2hsabeduo8osop9kfi0va0ajvrt6t@4ax.com>
Source record: 48285
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

On Thu, 7 Dec 2006 13:08:54 -0500, "an old fiend" <Mark@kb9rqz.apr>
wrote:

>
poor jealous fraud
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3562. Multiband Wermager

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-07 21:04:13 UTC
From: ZL2DG <zl2dg@ihug.co.nz>
Message-ID: <el9vi3$b0v$1@lust.ihug.co.nz>
Source record: 48286

How would an 80m Wermager antenna perform as a multiband antenna. Radiation pattern? Radiation angle? Thanks.

3563. Re: kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-07 22:02:09 UTC
From: Andy the Perv Timberlake <andy_theperv_timberlake@yahoo.com>
Message-ID: <1165528929.546557.179470@n67g2000cwd.googlegroups.com>
Source record: 48287
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

Mark@kb9rqz.aprs wrote:
> On Thu, 7 Dec 2006 13:08:54 -0500, "an old fiend" <Mark@kb9rqz.apr>
> wrote:
>
> >
> poor jealous fraud

BWHAHAHAH jealous of a registered sex offender like you, Marqueer?
BWHAHAHAHAHA!

3564. FS: Antenex 900mhz base/repeater antenna NIB

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-07 22:22:07 UTC
From: "Thanks....." <pottsladd13@yahoo.com>
Message-ID: <ju0eh.4889$H22.795@trndny09>
Source record: 48288
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna,rec.radio.swap

1-Antenex FG9026 6db gain fiberglass omni directional
base/repeater antenna. This is brand new in the shipping box, never opened.
Frequency coverage is 902-928mhz.
Rated for 200w
Bandwidth is 26mhz.
Beamwidth 17 deg.

$125.00 plus $20.00 shipping Cont. US only.

3565. Re: kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-07 22:55:10 UTC
From: Mark@kb9rqz.aprs
Message-ID: <ht6hn29kf4uu5pe2mh13n4tbheof28778n@4ax.com>
Source record: 48289
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

On 7 Dec 2006 14:02:09 -0800, "Andy the Perv Timberlake"
<andy_theperv_timberlake@yahoo.com> wrote:

>
>Mark@kb9rqz.aprs wrote:
>> On Thu, 7 Dec 2006 13:08:54 -0500, "an old fiend" <Mark@kb9rqz.apr>
>> wrote:
>>
>> >
>> poor jealous fraud
>
>BWHAHAHAH jealous of a registered sex offender like you, Marqueer?
yes are you are jealuous moist like becuase I am not a registered sex
offender
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3566. Re: CW IS ham radio. You earned buddy, enjoy it.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 00:35:06 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <_q2eh.8179$ql2.5734@newsread3.news.pas.earthlink.net>
Source record: 48290
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy

"Spokesman" <his@spam.net> wrote in
news:O92dnfTm4KsraejYnZ2dnUVZ_t2dnZ2d@wightman.ca:

>
> "W3JLU Al" <W3JLU@webtv.net> wrote in message
> news:22794-4574D17B-999@storefull-3217.bay.webtv.net...
>> I also have mastered CW very well and have used it many times in weak
>> signal work on 2 meters. I have an Advanced license and never felt the
>> need yo go beyond if for my purposes.
>>
>> As to whether I still feel it's a hugh priority, no I don't.
>>
>> With today's modes of communication it does seem out-moded.
>>
>> My typing is better than ever and many new modes use a keyboard. :-)
>>
>> JMO
>
>
>
>
> Slow Code is not a true Ham. From the time the first Ham was born
> true Hams have always used the latest and newest technology. Slow
> seems to be stuck back in the stone age , still using 4 pins vacuum
> tubes.

Run along now to the radio store, they might have your appliance on sale.

SC

3567. Re: Ever hear an operator on the bands that you'd just like to slap the shit out of?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 00:35:09 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <1r2eh.8181$ql2.880@newsread3.news.pas.earthlink.net>
Source record: 48291
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.swap

N7ZZT - Eric Oyen <n7zzt@127.0.0.1> wrote in
news:2320269.TxDrq9aXQa@www.usenetzone.com:

> Slow Code wrote:
>
>> If the CW requirement is eliminated, there's going to be a lot more of
>> them on the bands.
>>
>> SC
>
> better learn how to filter man. otherwise, you are going to be in a lot
> of peoples faces and involved in more than one dance with the law.

CW wasn't all that bad of a filter, but most everyone wants to get rid of
it. After it's gone, I'll just have to stick to the non phone portions of
the HF bands were you still find real hams communicating.

SC

3568. Re: Guide Lines for this news group

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 00:35:11 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <3r2eh.8183$ql2.2149@newsread3.news.pas.earthlink.net>
Source record: 48292
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy

hot-ham-and-cheese@hotmail.com wrote in
news:1165116776.575952.37510@16g2000cwy.googlegroups.com:

>
> Slow Code wrote:
>> Danny Richardson <n_group@k6mhe.com> wrote in
>> news:tqh3n2h7gjtdevv66fvnmv0be7clnpf019@4ax.com:
>>
>> > On Sat, 02 Dec 2006 09:48:44 -0800, Bill Turner <noway@nowhow.com>
>> > wrote:
>> >
>> >>ORIGINAL MESSAGE:
>> >>
>> >>On Sat, 2 Dec 2006 08:19:07 -0800, "Caveat Lector" <CL@nowhere.com>
>> >> wrote:
>> >>
>> >>>Maybe this will help(a little) to get rid of the off topic posts
>> >>>
>> >>>For what this News Group is about and applicable guide lines see
>> >>>URL:
>> >>>
>> >>>http://www.faqs.org/faqs/radio/personal-intro/
>> >>>
>> >>>Thanks for reading
>> >>>73 CL
>> >>>
>> >>
>> >>------------ REPLY FOLLOWS ------------
>> >>
>> >>Dream on, CL. These guys already know that and they don't care. It's
>> >>been that way forever. It's the Curse of Usenet.
>> >>
>> >>Bill, W6WRT
>> >
>> > After years of resisting I'm ready for a moderated antenna group.
>> > I've used my kill filter more times in the last three months than
>> > I've ever done in the previous ten years.
>> >
>> > I, for one, am sick and tired of the foul-mouth off topic postings
>> > and, if that requires a moderated group to get rid of them it would
>> > be a very small price to pay.
>> >
>> > Danny,

>>
>>
>> I know what you mean Dan.
>
> No you don't. You're one of the foul-mouthed off-topic posters that
> Dan is complaining about.
>
>> With the anticipation that ham radio is going
>> to get dumbed down again real soon, the dumb-it-downers
>
> It got "dumbed-down" when a license was issued to you.
>
> BTW, what is your call?

Don't worry about my callsign. Just keep practicing CW. No matter how fast and good you already are at it you can always improve your skills.

SC

3569. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 01:37:29 UTC
From: Mark@kb9rqz.aprs
Message-ID: <rdghn290ntimph06th3hdvbvi2eki9nho4@4ax.com>
Source record: 48293
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.swap

On Fri, 08 Dec 2006 00:35:09 GMT, Slow Code <my.mail@no.spam> wrote:

>N7ZZT - Eric Oyen <n7zzt@127.0.0.1> wrote in
>news:2320269.TxDrq9aXQa@www.usenetzone.com:
>
>> Slow Code wrote:
>>
>>> If the CW requirement is eliminated, there's going to be a lot more of
>>> them on the bands.
>>>
>>> SC
>>
>> better learn how to filter man. otherwise, you are going to be in a lot
>> of peoples faces and involved in more than one dance with the law.
>
>
>CW wasn't all that bad of a filter, but most everyone wants to get rid of
>it......

then steve it ought to go why can't you face that
>.... After it's gone, I'll just have to stick to the non phone portions of
>the HF bands were you still find real hams communicating.
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3570. Re: Radio IS ham radio. You earned buddy, enjoy it.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 01:39:22 UTC
From: Mark@kb9rqz.aprs
Message-ID: <ohghn2phf3ddbt9u4g3sn91d6eq841ouge@4ax.com>
Source record: 48294
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.misc,rec.radio.amateur.policy

On Fri, 08 Dec 2006 00:35:06 GMT, Slow Code <my.mail@no.spam> wrote:

>"Spokesman" <his@spam.net> wrote in
>news:O92dnfTm4KsraejYnZ2dnUVZ_t2dnZ2d@wightman.ca:
>
>>
>> "W3JLU Al" <W3JLU@webtv.net> wrote in message
>> news:22794-4574D17B-999@storefull-3217.bay.webtv.net...
>>> I also have mastered CW very well and have used it many times in weak
>>> signal work on 2 meters. I have an Advanced license and never felt the
>>> need yo go beyond if for my purposes.
>>>
>>> As to whether I still feel it's a hugh priority, no I don't.
>>>
>>> With today's modes of communication it does seem out-moded.
>>>
>>> My typing is better than ever and many new modes use a keyboard. :-)
>>>
>>> JMO
>>
>>
>>
>>
>> Slow Code is not a true Ham. From the time the first Ham was born
>> true Hams have always used the latest and newest technology. Slow
>> seems to be stuck back in the stone age , still using 4 pins vacuum
>> tubes.
>
>
>
>Run along now to the radio store, they might have your appliance on sale.

no answer steve
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3571. Re: Guide Lines for this news group

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 01:40:45 UTC
From: Mark@kb9rqz.aprs
Message-ID: <pighn2hfsl332bn3rt0l7hdat6n569cq1j@4ax.com>
Source record: 48295
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy

On Fri, 08 Dec 2006 00:35:11 GMT, Slow Code <my.mail@no.spam> wrote:

>hot-ham-and-cheese@hotmail.com wrote in
>news:1165116776.575952.37510@16g2000cwy.googlegroups.com:
>
>>
>> Slow Code wrote:
>>> Danny Richardson <n_group@k6mhe.com> wrote in
>>> news:tqh3n2h7gjtdevv66fvnmv0be7clnpf019@4ax.com:
>>>
>>> > On Sat, 02 Dec 2006 09:48:44 -0800, Bill Turner <noway@nowhow.com>
>>> > wrote:
>>> >
>>> >>ORIGINAL MESSAGE:
>>> >>
>>> >>On Sat, 2 Dec 2006 08:19:07 -0800, "Caveat Lector" <CL@nowhere.com>
>>> >> wrote:
>>> >>
>>> >>>Maybe this will help(a little) to get rid of the off topic posts
>>> >>>
>>> >>>For what this News Group is about and applicable guide lines see
>>> >>>URL:
>>> >>>
>>> >>>http://www.faqs.org/faqs/radio/personal-intro/
>>> >>>
>>> >>>Thanks for reading
>>> >>>73 CL
>>> >>>
>>> >>
>>> >>------------ REPLY FOLLOWS ------------
>>> >>
>>> >>Dream on, CL. These guys already know that and they don't care. It's
>>> >>been that way forever. It's the Curse of Usenet.
>>> >>
>>> >>Bill, W6WRT
>>> >
>>> > After years of resisting I'm ready for a moderated antenna group.
>>> > I've used my kill filter more times in the last three months than
>>> > I've ever done in the previous ten years.
>>> >
>>> > I, for one, am sick and tired of the foul-mouth off topic postings
>>> > and, if that requires a moderated group to get rid of them it would
>>> > be a very small price to pay.

>>> >
>>> > Danny,
>>>
>>>
>>> I know what you mean Dan.
>>
>> No you don't. You're one of the foul-mouthed off-topic posters that
>> Dan is complaining about.
>>
>>> With the anticipation that ham radio is going
>>> to get dumbed down again real soon, the dumb-it-downers
>>
>> It got "dumbed-down" when a license was issued to you.
>>
>> BTW, what is your call?
>
>
>Don't worry about my callsign.

why not we think you don't have one
> Just keep practicing CW.

why? BB fuinds it usles to what he interested in as do I

> No matter how fast
>and good you already are at it you can always improve your skills.

so what?

i suspect I am the best Swordmans in RRAP so what
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3572. Re: Antenex 900mhz base/repeater antenna NIB

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 01:59:07 UTC
From: Dave Schmidt <n9nlu-SPAM-NOT-ALLOWED@nconnect>
Message-ID: <1165543225_1495@sp6iad.superfeed.net>
Source record: 48296
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna,rec.radio.swap

Heh, Antenex ... stay away from Antenex crap. I purchased 3 mobile antennas, a VHF base loaded BB1443 , a UHF center loaded BB4303, a Dual Band CB144/440C about 1-1/2 years ago. I purchased them all on the same day so they all have seen the same amount of use and weather. 4 months after the purchase, the CB144/440C antenna died. The something in the coil failed. While in communications with Antennex (read below) the UHF antenna failed. It seems that you need to locktite the set screws in place due to the tap drill being too big causing a whole lot of slop in the set screw holes.... the set screws rattled out and I lost the whip. Finally, 3 months ago, the VHF antenna finally failed. The plastic housing around the base coil cracked from end to end.

Now keep in mind, I do not remove these antennas, nor do I go whacking them into trees and bridges and stuff.

After I the Dual band antenna failed, I e-mailed Antennex about the problem with a polite message inquiring about if anything can be done to remedy this issue of a dead coil. I received back a very unprofessional e-mail, not even signed from someone from Antenex customer support basically telling me I need to buy a new antenna. I e-mailed the president, VP and a few others within the company - 2 weeks later, someone replys to the e-mail saying sorry for the issue with the customer service person. But no mention to my problem with the CB144/440C antenna. By now the second antenna failed. I e-mailed to the person who e-mailed back to me which was the VP, he never responded back.

Since Antenex supplies the government and the military with antennas, I can just imagine the failure rate with the abuse the military dishes out. Then again, its only our tax dollars being spent on garbage.

Not knocking this base / repeater antenna, MAYBE Antenex puts a little better quality into them ... but definitely Antenex mobile antenas - STAY AWAY FROM THEM, its just a waste of money. Heck, I have an MFJ dual band antenna, been whacked, bent, and abused.... a 10+ year old $20 NMO antenna, and yet its still working.... while the $40 - $50 antennas are all dead.

Dave / N9NLU

"Thanks......." <pottsladd13@yahoo.com> wrote in message news:ju0eh.4889$H22.795@trndny09...
> 1-Antenex FG9026 6db gain fiberglass omni directional
> base/repeater antenna. This is brand new in the shipping box, never
> opened.
> Frequency coverage is 902-928mhz.
> Rated for 200w

> Bandwidth is 26mhz.
> Beamwidth 17 deg.
>
> $125.00 plus $20.00 shipping Cont. US only.
>
>

-----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

3573. New Large Wi-Fi Antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 02:04:12 UTC
From: ab9il_worldwide@yahoo.com
Message-ID: <1165543452.768017.239920@73g2000cwn.googlegroups.com>
Source record: 48297

Hello to all,

Another antenna project for long range 802.11 operation
has been posted to my web page. This one is a long helix,
and performs quite well. A short version, combined with
a satellite dish outperforms the linear focus design
by a wide margin. Give this a try if you're experiencing
weak signals. Today's little Ku band dishes are great for
application in wireless networking and require less set-up
work than the strainers and linear focus reflectors.

Construction details may be found on my web page:

http://www.geocities.com/ab9il_worldwide/wifi3.html

Regards,
Phil AB9IL

3574. Big Wheel plans

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 03:20:26 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <4578d9fa$0$6145$39cecf19@news.twtelecom.net>
Source record: 48298

I've done a fair bit of googling, and haven't found a decent set of plans to construct a 2m Big Wheel. I have found the original article from 1961, but the resolution in the pdf is lousy.

Anyone have a link?

tom
K0TAR

3575. Re: Big Wheel plans

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 04:01:47 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <Ls5eh.274$dh.125@trnddc03>
Source record: 48299

"Tom Ring" <news0003@taring.org> wrote in message
news:4578d9fa$0$6145$39cecf19@news.twtelecom.net...
>
> I've done a fair bit of googling, and haven't found a decent set of plans
> to construct a 2m Big Wheel. I have found the original article from 1961,
> but the resolution in the pdf is lousy.
>
> Anyone have a link?
>
> tom
> K0TAR

Hi Tom

I downloaded the 4 pages. Yeah, they are a bit difficult to read, but all
the informationis readable. If there is any particular part that interests
you, I can (hopefully) check to see if it is readable here.

I'll be curious to learn the advantage of this antenna.

Jerry

3576. Re: Big Wheel plans

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 04:04:41 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1165550681.538329.318510@l12g2000cwl.googlegroups.com>
Source record: 48300

Made a sketch from Tenth Ed. ARRL antenna book ... gotta love the used bookstore

http://www.n3ox.net/files/bigwheel_sketch.pdf

All red circles go to one side of the feedline, all blue go to the other.

Impedance if the antenna is resonant is apparently about 12 ohms, suggested matching method is to make each element a little bit short so that it's a bit capacitive at the desired center frequency and then use a hairpin inductor to match to 50 ohms.

No details on specific lengths in my book here; just says that each element is "one wavelength" ... If I'm calculating correctly, think that you want to shorten the elements enough that the natural feedpoint impedance of the three paralleled elements is about 12-j21 and then use a hairpin inductor of about +j28 ohms as the shunt across the feedpoint.

Dan

3577. Re: Big Wheel plans

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 04:05:35 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1165550734.804423.268830@73g2000cwn.googlegroups.com>
Source record: 48301

Horizontal omni with gain... was gonna build one for 6m until I
realized how big it was :-)

3578. Re: Big Wheel plans

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 04:27:37 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1165552057.724592.141260@f1g2000cwa.googlegroups.com>
Source record: 48302

Actually, maybe it doesn't have gain compared to a halo... I'm not really sure... I have an inconclusive 6m Big Wheel EZNEC model with an average gain problem... though at this point it's only showing a -0.5dB average gain or so, and impedance and gain seem constant with segmentation changes, so it's probably not so bad.

I made it back when I was considering building one and modified it a little bit to make the avg. gain work out better.

Anyway, if anyone wants to try to get it to work reliably, there's a model at

http://www.n3ox.net/projects/eznec/6mBigWheel.ez

Dan

3579. Re: Big Wheel plans

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 04:33:41 UTC
From: Dale Parfitt <par@parelectronics.com>
Message-ID: <FW5eh.770$qh.466@trnddc06>
Source record: 48303

<n3ox.dan@gmail.com> wrote in message
news:1165552057.724592.141260@f1g2000cwa.googlegroups.com...
> Actually, maybe it doesn't have gain compared to a halo... I'm not
> really sure... I have an inconclusive 6m Big Wheel EZNEC model with an
> average gain problem... though at this point it's only showing a -0.5dB
> average gain or so, and impedance and gain seem constant with
> segmentation changes, so it's probably not so bad.
>
> I made it back when I was considering building one and modified it a
> little bit to make the avg. gain work out better.
>
> Anyway, if anyone wants to try to get it to work reliably, there's a
> model at
>
> http://www.n3ox.net/projects/eznec/6mBigWheel.ez
>
> Dan

Hi Dan,
A model I did some years back showed gain very close to a dipole, much
better omni pattern than classic halo/loops and about a dB better gain than
the loops (once you average their gain around the full 360 azimuth).
This from memory.
Dale W4OP
>

3580. Re: Big Wheel plans

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 04:59:28 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <airhn2l8oii8muf2hpfdrv4tmrtqiqebru@4ax.com>
Source record: 48304

On 7 Dec 2006 20:27:37 -0800, "n3ox.dan@gmail.com"
<n3ox.dan@gmail.com> wrote:

>Actually, maybe it doesn't have gain compared to a halo... I'm not
>really sure... I have an inconclusive 6m Big Wheel EZNEC model with an
>average gain problem... though at this point it's only showing a -0.5dB
>average gain or so, and impedance and gain seem constant with
>segmentation changes, so it's probably not so bad.

What average gain did you expect? In case you had in mind that average
gain would be a big positive number, an antenna doesn't create power,
average gain (ie gain averaged over a sphere) MUST be less than 0dB if
it has ANY loss, mustn't it?

Owen
--

3581. Re: Big Wheel plans

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 05:16:06 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <h1shn2pjcvcrc423spvqm2e21nm881mkbk@4ax.com>
Source record: 48305

On 7 Dec 2006 20:27:37 -0800, "n3ox.dan@gmail.com"
<n3ox.dan@gmail.com> wrote:

>Actually, maybe it doesn't have gain compared to a halo... I'm not
>really sure... I have an inconclusive 6m Big Wheel EZNEC model with an
>average gain problem... though at this point it's only showing a -0.5dB
>average gain or so, and impedance and gain seem constant with
>segmentation changes, so it's probably not so bad.
>
>I made it back when I was considering building one and modified it a
>little bit to make the avg. gain work out better.
>
>Anyway, if anyone wants to try to get it to work reliably, there's a
>model at
>
>http://www.n3ox.net/projects/eznec/6mBigWheel.ez

Dan,

I changed your segmentation, W1=1, W8-W43=1, I get average
gain=0.05dB.

Are you sure that W1 should be 15"? That and the spacing of each pair
of conductors out the the ring gaps are going have a large influence
on feedpoint Z. Did you scale this from another frequency?

Owen

--

3582. Re: Big Wheel plans

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 05:35:57 UTC
From: John Doe <hgorden@adelphia.net>
Message-ID: <Ru2dnefr5-CmZeXYnZ2dnUVZ_vmdnZ2d@adelphia.com>
Source record: 48306

try these sites:

http://home.tiscalinet.de/wimodata/wheel.pdf

http://www.hb9cru.ch/UKW/Rundstrahl.htm

http://www.mr-as.de/dg2mas/Homepage%20DG2MAS.html

http://members.fortunecity.com/xe1bef/2meters-antenna.htm

http://www.kb4oid.org/2mssb.php?PHPSESSID=0b09bf76f16a70a1eb57835bd7f5ba59

http://www.qsl.net/dl4mea/

http://www.k0nr.com/rwitte/rover.html

"Tom Ring" <news0003@taring.org> wrote in message
news:4578d9fa$0$6145$39cecf19@news.twtelecom.net...
>
> I've done a fair bit of googling, and haven't found a decent set of plans
> to construct a 2m Big Wheel. I have found the original article from 1961,
> but the resolution in the pdf is lousy.
>
> Anyone have a link?
>
> tom
> K0TAR

3583. Re: Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 10:01:58 UTC
From: Bill <me@bellsouth.net>
Message-ID: <pNaeh.1731$Zz2.558@bignews3.bellsouth.net>
Source record: 48307

Thank You all for your input. I have decided to Build a tuning AM Loop. It doesn't seem like it should too big of a project. It would be nice to have the capability of tuning and I may mess with trying to make it tune some of the lower Shortwave bands as well. Thanks again for all the input. Great bunch of people in here :)
Bill

3584. Re: Big Wheel gain

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 11:02:58 UTC
From: Edward Feustel <efeustel@hughes.net>
Message-ID: <jKCdnYG39Yj32-TYnZ2dnUVZ_vamnZ2d@giganews.com>
Source record: 48308

"Owen Duffy" <owen@no.where> wrote in message
news:airhn2l8oii8muf2hpfdrv4tmrtqiqebru@4ax.com...
> On 7 Dec 2006 20:27:37 -0800, "n3ox.dan@gmail.com"
> <n3ox.dan@gmail.com> wrote:
>
>>Actually, maybe it doesn't have gain compared to a halo... I'm not
>>really sure... I have an inconclusive 6m Big Wheel EZNEC model with an
>>average gain problem... though at this point it's only showing a -0.5dB
>>average gain or so, and impedance and gain seem constant with
>>segmentation changes, so it's probably not so bad.
>
> What average gain did you expect? In case you had in mind that average
> gain would be a big positive number, an antenna doesn't create power,
> average gain (ie gain averaged over a sphere) MUST be less than 0dB if
> it has ANY loss, mustn't it?
>
> Owen
> --

The way to get gain is to stack them (with phasing) in order to put as much
power as
possible into low angle transmission.

I have 4 stacked 2 meter big wheels originally manufactured by Cushcraft.
Best Regards,
Ed, N5EI

3585. Re: Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 12:51:26 UTC
From: amdx <amdx@knology.net>
Message-ID: <b459f$45795fae$45011502$852@KNOLOGY.NET>
Source record: 48309

"Bill" <me@bellsouth.net> wrote in message
news:pNaeh.1731$Zz2.558@bignews3.bellsouth.net...
> Thank You all for your input. I have decided to Build a tuning AM Loop. It
> doesn't seem like it should too big of a project. It would be nice to
> have the capability of tuning and I may mess with trying to make it tune
> some of the lower Shortwave bands as well. Thanks again for all the input.
> Great bunch of people in here :)
> Bill

> I may mess with trying to make it tune some of the lower Shortwave bands
> as well.

Easier said than done. If you use a 240uh inductor and you tweaked it for
minimum
interwinding capacitance your high end frequency (might) reach 1700khz. A
switching
system could be used that switched out some of the turns on your inductor,
this could
get you higher frequencies.
If you started with a 100uh inductor and a 365pf cap this would tune about
850khz
to almost 3Mhz.
BTW do you have the formula to calculate the resonate frequency?
Have tried any dimensions and turns and calculated inductors?
Mike

3586. Re: Stub Matching software ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 13:05:33 UTC
From: 4nec2 <4nec2@gmx.net>
Message-ID: <1165583133.548369.202180@79g2000cws.googlegroups.com>
Source record: 48310

I could not find my original data, so I create a new set to try to show
where I have a 'problem'.

Below, a random short inverted-V for 80, delivering a Z-in of around
16.3 - j 826 ohms

```
CM Short Inverted V for 80 Mtr.
CE
GW 1 25 -9.829825 0 14.117083 -0.3 0 21 5e-4
GW 2 3 -0.3 0 21 0.3 0 21 5e-4
GW 3 25 0.3 0 21 9.8298245 0 14.117083 5e-4
GE
LD 5 0 0 0 58000000
GN 2 0 0 0 14 .006
EX 0 2 2 0 1 0
FR 0 1 0 0 3.6
XQ
```

****

Next, the data that was entered in the Cebik spreadsheet, Tab E
http://www.cebik.com/download/ant-match.xls

Using 50 ohm 'coax' (0.66) as feed/match line and 300 open-line (0.8)
as stub.

Yes, a strange combination, but I choose these to get exceptional
results.

```
Antenna Load Resistance RL 16.3 Ohms
Antenna Load Reactance XL -826 Ohms
Frequency in MHz FQ 3.6 MHz
Zo of Matchline ZL 50 Ohms
Velocity Factor of Matchline VFL 0.66
Zo of Main Feedline ZF 50 Ohms
Velocity Factor of Feedline VFF 0.66
Zo of Stub ZS 300 Ohms
Velocity Factor of Stub VFS 0.8

Match-Line Length A 84.56 degrees 12.910 meters <----
Shorted stub length 0.33 degrees 0.061 meters
Open stub length 90.33 degrees 16.716 meters <----

Match-Line Length B 88.51 degrees 13.513 meters
Shorted stub length 179.67 degrees 33.249 meters
Open stub length 89.67 degrees 16.594 meters
```

Electical lengths (ant. to stub) 12.910/0.66 = 19.5606 mtr
(stub itself) 16.716/0.8 = 20.895 mtr

****

Below the Nec-file with Tr-Line lengths as calculated above and a third
50 ohm line from
stub junction to the house.

Delivering a Z-in of 0.93 + j 24.2 ohms ?, If you ask me this should
have been around 50 ohms.

```
CM Short Inverted V for 80 Mtr.
CE
GW 1 25 -9.829825 0 14.117083 -0.3 0 21 5e-4
GW 2 3 -0.3 0 21 0.3 0 21 5e-4
GW 3 25 0.3 0 21 9.8298245 0 14.117083 5e-4
GW 989 1 -0.1 0 0.5 0.1 0 0.5 5.e-4
GW 998 1 -0.1 16.72 8.09 0.1 16.72 8.09 5.e-4
GW 999 1 -0.1 0 8.09 0.1 0 8.09 5.e-4
GE
LD 5 0 0 0 58000000
GN 2 0 0 0 14 .006
EX 0 989 1 0 1 0
FR 0 1 0 0 3.6
TL 2 2 999 1 50 19.5606
TL 999 1 998 1 300 20.9
TL 999 1 989 1 50 7.59
XQ
```

Arie.

3587. FA: Coax 1/2 inch hardline 50 ohm Prodelin RF connectors

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 16:19:56 UTC
From: dunnt@its.caltech.edu
Message-ID: <dunnt-0812060819560001@dhcp-40-125.caltech.edu>
Source record: 48311

Prodelin Hard line connectors 6 each 76-500 .500 inch hard line type N male connector, 1 each PA74-27-3 .500 inch hard line type N female bulkhead mount, and 2 Each 75-500.500 inch hard line type N female. All are unused, but were in storage for 25 years

Ebay Item number: 320058516771

3588. Re: Stub Matching software ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 18:24:19 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <3o9jn2lfdipkie4t4bgadlsm71gf2ed8as@4ax.com>
Source record: 48312

On 8 Dec 2006 05:05:33 -0800, "4nec2" <4nec2@gmx.net> wrote:

...
>Below the Nec-file with Tr-Line lengths as calculated above and a third
>50 ohm line from
>stub junction to the house.
>
>Delivering a Z-in of 0.93 + j 24.2 ohms ?, If you ask me this should
>have been around 50 ohms.
>
>CM Short Inverted V for 80 Mtr.
>CE
>GW 1 25 -9.829825 0 14.117083 -0.3 0 21 5e-4
>GW 2 3 -0.3 0 21 0.3 0 21 5e-4
>GW 3 25 0.3 0 21 9.8298245 0 14.117083 5e-4
>GW 989 1 -0.1 0 0.5 0.1 0 0.5 5.e-4
>GW 998 1 -0.1 16.72 8.09 0.1 16.72 8.09 5.e-4
>GW 999 1 -0.1 0 8.09 0.1 0 8.09 5.e-4
>GE
>LD 5 0 0 0 58000000
>GN 2 0 0 0 14 .006
>EX 0 989 1 0 1 0
>FR 0 1 0 0 3.6
>TL 2 2 999 1 50 19.5606
>TL 999 1 998 1 300 20.9
>TL 999 1 989 1 50 7.59
>XQ

Arie,

Your design is for an o/c stub. Haven't you modelled a s/c stub by
connecting the transmission line to W998?

I have checked your proposed design on Winsmith, and it gives a 50
ohms input impedance. Nevertheless, it is hypothetical as it is not
practical to connect a 300 ohm stub to 50 ohm line, 50 ohm line will
be coax (in practical cases) and it is not practical to make a 300 ohm
coax. If you were to mix coax and open wire line, you have a serious
balance issue that you have not dealt with in your model.

The other thing about the design is that two of the transmission line
elements are very close to 90 deg in length, which means that
operation is very sensitive to frequency change.

If you really want to make a 40m inverted v work well on 80m, you
might have to match at the feedpoint. It is hard to get an unloaded

dipole of length 25%wl to work well without matching at the feedpoint.

Owen
--

3589. Re: Stub Matching software ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 19:27:30 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <a8djn21egj2clfrfc4f39r96brotdc8cil@4ax.com>
Source record: 48313

On 8 Dec 2006 05:05:33 -0800, "4nec2" <4nec2@gmx.net> wrote:

...
>Below, a random short inverted-V for 80, delivering a Z-in of around
>16.3 - j 826 ohms
...

Just working through a solution using a single o/c stub match using Cebik's calculator for Wireman 551 ladder line, Zo=400, vfr=0.902.

Length of series section is 13.029m, length of stub is 19.163m. This is correct for lossless line.

Now lets look at the Y looking into the series section using the line loss calculator at http://www.vk1od.net/tl/tllc.php , it is 0.030478+j0.067004. Now shunt that with the Y looking into the o/c stub of 0.017872-j0.076378. Add them for a Y of 4.835E-002+j0.143382, or Z of 2.11171146485231-j6.26228362468365 or VSWR of 22:1.

What went wrong?

In some cases, assuming lossless lines is not valid, and you don't really know if you don't calculate the effects of the loss.

Owen

PS: the correct solution will be a slightly shorter series section and a slightly longer stub. It is still not a good (practical) solution.
--

3590. Re: Big Wheel plans

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 19:38:52 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <gbjeh.26$495.19@trnddc06>
Source record: 48314

<n3ox.dan@gmail.com> wrote in message
news:1165552057.724592.141260@f1g2000cwa.googlegroups.com...
> Actually, maybe it doesn't have gain compared to a halo... I'm not
> really sure... I have an inconclusive 6m Big Wheel EZNEC model with an
> average gain problem... though at this point it's only showing a -0.5dB
> average gain or so, and impedance and gain seem constant with
> segmentation changes, so it's probably not so bad.
>
> I made it back when I was considering building one and modified it a
> little bit to make the avg. gain work out better.
>
> Anyway, if anyone wants to try to get it to work reliably, there's a
> model at
>
> http://www.n3ox.net/projects/eznec/6mBigWheel.ez
>
> Dan

Hi Dan

I made a model of two Turnstiles (crossed 1/2 wave dipoles) stacked, one above the other. EZNEC shows 2.9 dBi gain at the horizon with free space conditions. The individual dipoles have input impedance of about 68 -J 10.
It seems that two turnstiles, stacked vertically might be a decent choice for a omniazimuth horizontally polarized 2 meter antenna.

Jerry

3591. Re: Antenex 900mhz base/repeater antenna NIB

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 19:42:18 UTC
From: Backfire Burrito=Skidmark <gasdischarge@pullmyfinger.com>
Message-ID: <uejeh.8900$wc5.1685@newssvr25.news.prodigy.net>
Source record: 48315
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna,rec.radio.swap

"Dave Schmidt" <n9nlu-SPAM-NOT-ALLOWED@nconnect((DOT))net> wrote in message
news:1165543225_1495@sp6iad.superfeed.net...
> Heh, Antenex ... stay away from Antenex crap. I purchased 3 mobile....

Yep..I agree...
For mobile i use Larsen....
For base stations i use Tx-Rx.....

3592. Re: Stub Matching software ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 20:10:36 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <cghjn21571bjikb0ak5kfa0qqnjaoanpiq@4ax.com>
Source record: 48317

On Fri, 08 Dec 2006 19:27:30 GMT, Owen Duffy <owen@no.where> wrote:

> Z of 2.11171146485231-j6.26228362468365 or VSWR of 22:1.
>
>What went wrong?

14 Place resolution in a field that struggles to be 20% accurate?

C'mon, Owen, saying 2 - j6 Ohms would be more readable and hardly
invalidate any premise being offered.

73's
Richard Clark, KB7QHC

3593. How does that meter work?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 20:11:44 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4579c703$0$4250$4fafbaef@reader1.news.tin.it>
Source record: 48316

I opened the meter of an Hallicrafters SX-117 to mechanically adjust the zero. Once open, the meter appeared to be of the moving iron type, that is with no moving coil. But I was surprised to see that that meter has no spiral torsion springs either; I can only see a metal (?) dish mounted on the axis, part of which lies inside a rather flat coil.

With no spring, I cannot understand what forces the needle to stay at zero scale in absence of current. Therefore I cannot figure out what I should do to adjust the zero.

The HT-44 as well as the EICO 723 use the same type of meter. Dumping is poor, and the needle keeps banging for a while when you apply a DC current.

73

Tony I0JX

3594. Re: How does that meter work?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 20:17:08 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4579c847$0$16155$4fafbaef@reader3.news.tin.it>
Source record: 48318

Sorry for the OT. I made a mistake, and posted the mesage on the wrong newsgroup.

Tony I0JX

3595. Re: How does that meter work?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 20:30:44 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <mpijn2hfkd4e4ikll9bc6ufpca6lonesjh@4ax.com>
Source record: 48320

On Fri, 8 Dec 2006 21:11:44 +0100, "Antonio Vernucci"
<vernucci@tin.it> wrote:

>I opened the meter of an Hallicrafters SX-117 to mechanically adjust the zero.
>Once open, the meter appeared to be of the moving iron type, that is with no
>moving coil. But I was surprised to see that that meter has no spiral torsion
>springs either; I can only see a metal (?) dish mounted on the axis, part of
>which lies inside a rather flat coil.

Hi Tony,

Consult paragraph 5-5:
http://www.rigpix.com/hallicrafter/sx117_manual.pdf

73's
Richard Clark, KB7QHC

3596. Re: Stub Matching software ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 20:33:33 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <buijn2d0p1vt592g6c848bt4ipqg4emd22@4ax.com>
Source record: 48321

On Fri, 08 Dec 2006 20:36:22 GMT, Owen Duffy <owen@no.where> wrote:

>Richard, at 5am I was just being lazy with quick cut and pastes. Its
>all right for you, you have had breakfast and are all fired up!

Hi Owen,

Actually, here I'm entering the afternoon, post-carbohydrate slump.

73's
Richard Clark, KB7QHC

3597. Re: Stub Matching software ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 20:36:22 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <abijn291702q1797ddpuh0o13tgke04otu@4ax.com>
Source record: 48319

On Fri, 08 Dec 2006 12:10:36 -0800, Richard Clark <kb7qhc@comcast.net>
wrote:

>On Fri, 08 Dec 2006 19:27:30 GMT, Owen Duffy <owen@no.where> wrote:
>
>> Z of 2.11171146485231-j6.26228362468365 or VSWR of 22:1.
>>
>>What went wrong?
>
>14 Place resolution in a field that struggles to be 20% accurate?
>
>C'mon, Owen, saying 2 - j6 Ohms would be more readable and hardly
>invalidate any premise being offered.

Richard, at 5am I was just being lazy with quick cut and pastes. Its
all right for you, you have had breakfast and are all fired up!

The important thing is that if you plug the numbers from Cebik's
spreadsheet into NEC (properly terminating the o/c stub), they should
be very close to a perfect match... but even a theoretical model
considering line loss will produce a very different answer. Even more
prospect of departure when practical tolerances are considered as you
note.

Owen
--

3598. mobile screwdriver antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 20:52:44 UTC
From: wd5jfr <kolesnik@sbcglobal.net>
Message-ID: <1165611164.751767.116200@79g2000cws.googlegroups.com>
Source record: 48322

As best as I can recall I was impressed by a screwdriver antenna made
by a retired Boeing engineer. I think I saw it at the Ft. Wayne
hamfest and I want to get more info. Does this limited info ring a
bell with anyone?
tnx
hank wd5jfr

3599. Re: How does that meter work?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 21:19:15 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4579d6d6$0$4248$4fafbaef@reader1.news.tin.it>
Source record: 48323

> Consult paragraph 5-5:
> http://www.rigpix.com/hallicrafter/sx117_manual.pdf
>
> 73's
> Richard Clark, KB7QHC

Dick,

you read my question too quckly. I was not referring to the electrical adjustment (there is a potentiometer just for that) but to the mechanical adjustment.

In a properly maintained radio, the meter should stay at zero even when the radio is off. That is the reason for the mechanical adustment.

73

Tony I0JX

3600. Re: Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 21:36:57 UTC
From: Bob Baldwin <bob-baldwin@tamu.edu>
Message-ID: <elcltm$h9g$1@news.tamu.edu>
Source record: 48330

Bill wrote:
> Thank You all for your input. I have decided to Build a tuning AM Loop. It
> doesn't seem like it should too big of a project. It would be nice to have
> the capability of tuning and I may mess with trying to make it tune some of
> the lower Shortwave bands as well. Thanks again for all the input. Great
> bunch of people in here :)
> Bill
>
>
Bill,
Start with AM broadcast and work from there, since that is your primary goal. My smallest loop for AM (2.5 x 3 feet) has a tap for 160, but it doesn't work very well there. These loops seem to work best on AM broadcast and below - not as effective on the higher bands. So, take it in steps, and you will end up with a loop that suits your needs. Plus - they are lots of fun to experiment with. I have downloaded all of Reg Edwards programs (I use RJELOOP3 for loops) just in case his website suddenly goes away. If/when that happens, I will put all of them on my own website so that everyone will still have access to them.

Regards,
bob baldwin
bob-baldwin@tamu.edu

3601. Re: mobile screwdriver antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 22:25:29 UTC
From: Frank's <frank599@nojunkmailplease.telus.net>
Message-ID: <tDleh.39662$YV4.23041@edtnps89>
Source record: 48324

"wd5jfr" <kolesnik@sbcglobal.net> wrote in message
news:1165611164.751767.116200@79g2000cws.googlegroups.com...
> As best as I can recall I was impressed by a screwdriver antenna made
> by a retired Boeing engineer. I think I saw it at the Ft. Wayne
> hamfest and I want to get more info. Does this limited info ring a
> bell with anyone?
> tnx
> hank wd5jfr

Is this what you were thinking of?

73,

Frank (VE6CB)

3602. Re: mobile screwdriver antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 22:26:18 UTC
From: Frank's <frank599@nojunkmailplease.telus.net>
Message-ID: <eEleh.39668$YV4.14335@edtnps89>
Source record: 48325

"Frank's" <frank599@nojunkmailplease.telus.net> wrote in message
news:tDleh.39662$YV4.23041@edtnps89...
>
> "wd5jfr" <kolesnik@sbcglobal.net> wrote in message
> news:1165611164.751767.116200@79g2000cws.googlegroups.com...
>> As best as I can recall I was impressed by a screwdriver antenna made
>> by a retired Boeing engineer. I think I saw it at the Ft. Wayne
>> hamfest and I want to get more info. Does this limited info ring a
>> bell with anyone?
>> tnx
>> hank wd5jfr
>
> Is this what you were thinking of?
>
> 73,
>
> Frank (VE6CB)

I mean this: http://www.w6aaq.com/

3603. Re: How does that meter work?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 23:08:36 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <41sjn2hblr8fjvmctcqjb84lrflksflvbl@4ax.com>
Source record: 48327

On Fri, 8 Dec 2006 22:19:15 +0100, "Antonio Vernucci"
<vernucci@tin.it> wrote:

>you read my question too quckly. I was not referring to the electrical
>adjustment (there is a potentiometer just for that) but to the mechanical
>adjustment.

Hi Tony,

From paragraph 5-5 "The Meter Zero control may be found directly under
the rear of the meter housing."

73's
Richard Clark, KB7QHC

3604. Re: Big Wheel plans

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 23:08:43 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1165619322.906665.94410@l12g2000cwl.googlegroups.com>
Source record: 48326

> What average gain did you expect?

Three megaBels ;-) Seriously, though, most antennas I model end up being within 0.05dB of zero. You're right about the spacing, I was making it wide for no particularly good reason ... with the original segmentation and a more realistic spacing of the transmission-line wires (0.6 inches or something), I was getting an average gain in free space with zero wire loss of about -3dB... wider spacing got me closer to zero.

I was changing the wrong things to fix the average gain discrepancy. I'll play around with it more as an educational experience... I posted it mostly because the wire geometry is tricky to get in the first place, lots of creating loops and deleting segments and so forth, but it's easy to modify once you've got it, so I figured it would be of some use.

Now that you've fixed the segmentation, maybe we can put the spacing back and have a working model... I'll have to look into it.

Thanks Owen..

Dan

3605. Re: Big Wheel plans

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 23:20:41 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1165620041.769285.271950@f1g2000cwa.googlegroups.com>
Source record: 48328

>
> I changed your segmentation, W1=1, W8-W43=1, I get average
> gain=0.05dB.
>

I used your segmentation and changed the spacing of the transmission
line sections to both 1 inch and 1.5 inches to be more realistic and
played with the transmission line segmentation and can't get better
than -1dB average gain with zero loss in free space.

What should I do

3606. Re: Stub Matching software ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 23:33:59 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <HDmeh.1485$Gr2.1145@newssvr21.news.prodigy.net>
Source record: 48331

Owen Duffy wrote:
> Even more prospect of departure when practical
> tolerances are considered as you note.

I've always thought if the simulations can get me within
20%, I can do the rest by cut and trying.
--
73, Cecil http://www.w5dxp.com

3607. Re: Big Wheel plans

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-08 23:39:12 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <t0tjn21cpn5f65lsmjil7jr7m54d41sm6n@4ax.com>
Source record: 48329

On 8 Dec 2006 15:08:43 -0800, "n3ox.dan@gmail.com"
<n3ox.dan@gmail.com> wrote:

...
>Now that you've fixed the segmentation, maybe we can put the spacing
>back and have a working model... I'll have to look into it.
...

It looks an interesting thing to model.

There are certainly widely ranging claims for its gain in articles on
the 'net.

I have worked up the parameters for a 3D cubic Bezier curve that would
be a good model of half of one of the loops, so I will write some code
to generate a NEC model from it.

Owen
--

3608. 2m Big Wheel Plans - Again

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 01:38:30 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <457a1397$0$6142$39cecf19@news.twtelecom.net>
Source record: 48332

Ok, let's try this again.

I googled for plans. Thanks to those that gave me the results I already found, but they were still useless.

One person responded via email, thank you sir.

The others wandered off on related subjects, as this list is want (wont?) to do. That is just fine, I have no problem with that, we learn much that way. I hope we get a decent ez file out of it. And whether it shows the impedance change when stacked that the articles speak of.

Now, does anyone have any plans with things like dimensions? Other than the original 1961 version, which has to have been tweaked at least a little.

Thanks.

tom
K0TAR

3609. Re: Simple AM Loop Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 02:18:22 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <P1peh.12879$HO4.7357@newsfe06.phx>
Source record: 48333

"Bill" <me@bellsouth.net> wrote in message
news:pNaeh.1731$Zz2.558@bignews3.bellsouth.net...
> Thank You all for your input. I have decided to Build a tuning AM Loop. It
> doesn't seem like it should too big of a project. It would be nice to
have
> the capability of tuning and I may mess with trying to make it tune some
of
> the lower Shortwave bands as well. Thanks again for all the input. Great
> bunch of people in here :)

One more thing: US Coast Guard ships have what they call a mini-loop HF antenna. It is about four feet in diameter and mounted vertically and that's all I know about it. (I did an electronic systems inspection on a couple of cutters and I know they have the loops for hf xmit.)

3610. Re: mobile screwdriver antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 02:25:15 UTC
From: Henry Kolesnik <kolesnik@sbcglobal.net>
Message-ID: <f8peh.26077$qO4.18567@newssvr13.news.prodigy.net>
Source record: 48334

Hey Frank
I'm originally from Drum !
No I don't think its the one.
But thanks for trying.

--

73
Hank WD5JFR
"Frank's" <frank599@nojunkmailplease.telus.net> wrote in message
news:eEleh.39668$YV4.14335@edtnps89...
>
> "Frank's" <frank599@nojunkmailplease.telus.net> wrote in message
> news:tDleh.39662$YV4.23041@edtnps89...
>>
>> "wd5jfr" <kolesnik@sbcglobal.net> wrote in message
>> news:1165611164.751767.116200@79g2000cws.googlegroups.com...
>>> As best as I can recall I was impressed by a screwdriver antenna made
>>> by a retired Boeing engineer. I think I saw it at the Ft. Wayne
>>> hamfest and I want to get more info. Does this limited info ring a
>>> bell with anyone?
>>> tnx
>>> hank wd5jfr
>>
>> Is this what you were thinking of?
>>
>> 73,
>>
>> Frank (VE6CB)
>
> I mean this: http://www.w6aaq.com/
>

3611. Re: Antenex 900mhz base/repeater antenna NIB

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 03:17:02 UTC
From: "Thanks....." <pottsladd13@yahoo.com>
Message-ID: <OUpeh.65$Et5.30@trndny07>
Source record: 48335
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna,rec.radio.swap

Well I appreciate your "expert" opinions.
So next time I see you post an item I'll be sure to give my opinions of your gear in return.

"Dave Schmidt" <n9nlu-SPAM-NOT-ALLOWED@nconnect((DOT))net> wrote in message news:1165543225_1495@sp6iad.superfeed.net...
> Heh, Antenex ... stay away from Antenex crap. I purchased 3 mobile
> antennas, a VHF base loaded BB1443 , a UHF center loaded BB4303, a Dual
> Band CB144/440C about 1-1/2 years ago. I purchased them all on the same
> day so they all have seen the same amount of use and weather. 4 months
> after the purchase, the CB144/440C antenna died. The something in the coil
> failed. While in communications with Antennex (read below) the UHF
> antenna failed. It seems that you need to locktite the set screws in place
> due to the tap drill being too big causing a whole lot of slop in the set
> screw holes.... the set screws rattled out and I lost the whip. Finally, 3
> months ago, the VHF antenna finally failed. The plastic housing around the
> base coil cracked from end to end.
>
> Now keep in mind, I do not remove these antennas, nor do I go whacking
> them into trees and bridges and stuff.
>
> After I the Dual band antenna failed, I e-mailed Antennex about the
> problem with a polite message inquiring about if anything can be done to
> remedy this issue of a dead coil. I received back a very unprofessional
> e-mail, not even signed from someone from Antenex customer support
> basically telling me I need to buy a new antenna. I e-mailed the
> president, VP and a few others within the company - 2 weeks later, someone
> replys to the e-mail saying sorry for the issue with the customer service
> person. But no mention to my problem with the CB144/440C antenna. By now
> the second antenna failed. I e-mailed to the person who e-mailed back to
> me which was the VP, he never responded back.
>
> Since Antenex supplies the government and the military with antennas, I
> can just imagine the failure rate with the abuse the military dishes out.
> Then again, its only our tax dollars being spent on garbage.
>
> Not knocking this base / repeater antenna, MAYBE Antenex puts a little
> better quality into them ... but definitely Antenex mobile antenas - STAY
> AWAY FROM THEM, its just a waste of money. Heck, I have an MFJ dual band
> antenna, been whacked, bent, and abused.... a 10+ year old $20 NMO
> antenna, and yet its still working.... while the $40 - $50 antennas are
> all dead.
>

> Dave / N9NLU
>
>
> "Thanks......." <pottsladd13@yahoo.com> wrote in message
> news:ju0eh.4889$H22.795@trndny09...
>> 1-Antenex FG9026 6db gain fiberglass omni directional
>> base/repeater antenna. This is brand new in the shipping box, never
>> opened.
>> Frequency coverage is 902-928mhz.
>> Rated for 200w
>> Bandwidth is 26mhz.
>> Beamwidth 17 deg.
>>
>> $125.00 plus $20.00 shipping Cont. US only.
>>
>>
>
>
>
> ----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet
> News==----
> http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+
> Newsgroups
> ----= East and West-Coast Server Farms - Total Privacy via Encryption
> =----

3612. Re: Big Wheel plans

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 04:04:43 UTC
From: Jim - NN7K <NN7K@NOWAY.NET>
Message-ID: <vBqeh.175$yC5.39@newssvr27.news.prodigy.net>
Source record: 48336

Also, was a staple in the ARRL Radio Amateur's
VHF Manual c. 1972 (pgs 198-199) . These were
pretty common in two meter A.M. days, and stacked
pairs worked pretty fair, considering they were
Omni-Directional. Jim NN7K

John Doe wrote:
>
> "Tom Ring" <news0003@taring.org> wrote in message
> news:4578d9fa$0$6145$39cecf19@news.twtelecom.net...
>> I've done a fair bit of googling, and haven't found a decent set of plans
>> to construct a 2m Big Wheel. I have found the original article from 1961,
>> but the resolution in the pdf is lousy.
>>
>> Anyone have a link?
>>
>> tom
>> K0TAR
>
>

3613. Re: OE-254 Versus COM-201B Antenna Comparison

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 05:01:15 UTC
From: Bob <warthog9@pacbell.net>
Message-ID: <vqreh.6029$hI.2581@newssvr11.news.prodigy.net>
Source record: 48337

Ask the question here: http://lightfighter.net/eve/forums/a/frm/f/1386012861
These are the guys that use them and I remember someone commenting on
this comparison in the past.
Bob

Anthony Jocius wrote:
> I didn't know where to go to answer this question, so that is why I'm in
> this newsgroup. Basically I'm a reservist for an Engineer Command.
> Recently, my boss asked me to do a comparison between an OE-254 (standard
> 30-88Mhz mast antenna) and an Atlantic Microwave COM-201B (30-88Mhz mast
> antenna). Both FM antennas reach to about 42 feet. The COM-201B touts all
> kinds of advantages, but in my limited knowledge of antennas the performance
> aspect seems to me to be the same or very close. My biggest concern is
> durability. The Army for years (over 20) relied on this antenna (OE-254)
> and opting for a different one, with limited numbers scares me. If I could
> do a blanket purchase for all of our units, even those that already have the
> older antenna, I would opt for that. But with different antennas
> co-existing, with different parts etc, I'm very reluctant to make the
> switch. Can someone do an educated comparison between these two antennas?
> A study at http://www.gordon.army.mil/ac/Winter/Winter%2002/USMCnet.htm
> seems like an ad, instead of a fair comparison.
>
> Anthony Jocius
> LTC, CA, USAR
> Communications Officer
>
>

3614. Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 06:20:13 UTC
From: Deni F5VJC <foxfive.vjc@gmail.com>
Message-ID: <1165645213.060200.323370@n67g2000cwd.googlegroups.com>
Source record: 48338

I have recently been plagued by rain static on a new vertical antenna,
this a 42 foot vertical fed at the base through an SG230 auto tuner,
and used on all bands. It seems I need a static bleed of some sort, a
choke or resistor. What is the best component to use in an outdoor
environment?
I thought the auto ATU would in itself provide a static bleed path,
but apparently not.

Any thoughts, how have you solved this?

73, Deni

F5VJC

3615. Re: How does that meter work?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 09:49:08 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <457a8696$0$19093$4fafbaef@reader4.news.tin.it>
Source record: 48339

> Hi Tony,
>
> From paragraph 5-5 "The Meter Zero control may be found directly under
> the rear of the meter housing."
>
> 73's
> Richard Clark, KB7QHC

Again Dick, I have adjusted that control many times and any SX-117 owner knows that that contriol exists.

I am instead trying to adjust the mechanical zero which has nothing to do with the control under the rear of the meter housing. Do you appreciate the difference?

Tony I0JX

3616. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 11:32:43 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <DfSdnQ6BBKdGA-fYnZ2dnUVZ_h_inZ2d@comcast.com>
Source record: 48340

Deni F5VJC wrote:

> I have recently been plagued by rain static on a new vertical antenna,
> this a 42 foot vertical fed at the base through an SG230 auto tuner,
> and used on all bands. It seems I need a static bleed of some sort, a
> choke or resistor. What is the best component to use in an outdoor
> environment?
> I thought the auto ATU would in itself provide a static bleed path,
> but apparently not.
>
> Any thoughts, how have you solved this?
>
> 73, Deni
>
> F5VJC
>

Are you sure it's rain static?

Most all verticals have higher noise levels than horizontal antennas. Reason, as it is reported, is that man made noise is vertically polarized.

3617. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 12:52:44 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <wkyeh.27931$wP1.14404@newssvr14.news.prodigy.net>
Source record: 48341

Deni F5VJC wrote:
> I have recently been plagued by rain static on a new vertical antenna,
> this a 42 foot vertical fed at the base through an SG230 auto tuner,
> and used on all bands. It seems I need a static bleed of some sort, a
> choke or resistor. What is the best component to use in an outdoor
> environment?

Take a look at page 4 of the schematic. There is already
a static bleed through 20 turns on a transformer winding
to ground plus about 40K ohms of resistance to ground. You
are already bleeding the static charge, just not fast enough
to get rid of the RF content. The problem is that the
RF content of the precipitation static is finding its
way through your receiver along with the desirable RF
signals. Question is: Is there something that discriminates
against local RF static without discriminating against
desirable RF signals?

Here's my two cents and others certainly do vehemently
disagree with me.

A single precipitation static charge transfer is at a
localized point. Desirable arriving RF waves/photons are
spread out over the entire antenna. That should make them
separable.

Folding the antenna into a loop is one way to reduce
precipitation static. Desirable arriving RF waves are
unaffected by folding as they encounter the entire antenna,
i.e. it's hard to tell the difference between the
performance of a dipole and a folded dipole.

Single charges of precipitation static, however, are
confined to one point on the antenna. If there is a discharge
path to the other side besides through the receiver, the
charge will at least partially take the shortest path of
reduced resistance. IMO, that's why folded antennas are
quieter than open-ended antennas as far as precipitation
static is concerned.

The way I reduced the problem with open-ended antennas is
to use heavily insulated wire. Bare conductors transfer
all charges. 600 volt insulation blocks charge transfer. In
my experience, 1000v insulation blocks most charge transfer.
I use something called "Quietflex" that has 1000v insulation.
Most of the precipitation static doesn't transfer to

the antenna wire while RF waves/photons flow right through the insulation with little attenuation. I suspect plastic encased antennas are quieter than bare antennas.

There is a wealth of information on precipitation static on the web, a lot of it having to do with antennas on airplanes. Folding and insulating are two ways they have solved the problem.

Folding or insulating your vertical may or may not be feasible. If you solve your problem, please share it with us here.
--
73, Cecil http://www.w5dxp.com

3618. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 12:57:59 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <rpyeh.27932$wP1.5367@newssvr14.news.prodigy.net>
Source record: 48342

Cecil Moore wrote:
> 600 volt insulation blocks charge transfer.

Lest I be nibbled to death by a flock of angry geese,
this should be, "600 volt insulation blocks *some*
charge transfer." Leaving out the word "some" was
a typo.
--
73, Cecil http://www.w5dxp.com

3619. Re: Big Wheel plans

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 13:28:55 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <457aba18$0$6151$39cecf19@news.twtelecom.net>
Source record: 48343

I had already checked the index in my oldest ARRL Antenna Book, circa
1974, and nothing in there. Argh.

I sure wish I had a copy of the 1972 VHF Manual. Our Northern Lights RC
monthly breakfast is in about an hour, I'll check there and see if
anyone has that manual. It's a good bet since W0AUS, the blazing core
of our 10 GHz SSB/CW group, has probably been a ham for over 60 years.

Thanks for the tip.

tom
K0TAR

Jim - NN7K wrote:

> Also, was a staple in the ARRL Radio Amateur's
> VHF Manual c. 1972 (pgs 198-199) . These were
> pretty common in two meter A.M. days, and stacked
> pairs worked pretty fair, considering they were
> Omni-Directional. Jim NN7K
>
> John Doe wrote:
>
>>
>> "Tom Ring" <news0003@taring.org> wrote in message
>> news:4578d9fa$0$6145$39cecf19@news.twtelecom.net...
>>
>>> I've done a fair bit of googling, and haven't found a decent set of
>>> plans to construct a 2m Big Wheel. I have found the original article
>>> from 1961, but the resolution in the pdf is lousy.
>>>
>>> Anyone have a link?
>>>
>>> tom
>>> K0TAR
>>
>>
>>

3620. Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 14:06:20 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <457ac2e4$0$3876$6c4959f3@news.easynews.nl>
Source record: 48344
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

<k4yz_01@yahoo.com> wrote in message
news:1165588304.895841.210490@79g2000cws.googlegroups.com...
>
> Mark@kb9rqz.aprs wrote:
>> On 1 Dec 2006 02:12:02 -0800, "K4YZ" <stevenrobeson@aol.com> wrote:
>> >Mark@kb9rqz.aprs wrote:
>> >> apearntly not
>> >
>> > What's "apparent" is your incompetence with the English language,
>> >fatboy.
>> >
>> >> you have spent 8 years harrassing bascial for daring to be different
>> >> than you
>> >
>> > No, I've been rubbing your nose in your lying and misconduct.
>> >
>> > Even yoiu admit to the legal investigations being conducted
>> >against you, yet you act as if it's my fault...Stop being an abusing
>> >deviate and the cops will go away...Maybe you won't have to keep trying
>> >to move farther and farther away to avoid the long arm of the law.
>>
>> steve their are investgatons because you by you own admission made
>> complaints to various agentcies
>
> Morkie, those "investgations" occured due to some reason OTHER than
> me filing a complaint, and they started WAAAAAAAAAAAAY before I even
> knew you existed.
>
> I FOUND THE EVIDENCE OF YOU BEING INVESTIGATED AND THREW IT OUT FOR
> YOU TO BITE ON!
>
> You couldn't resist! HOOK LINE AND SINKER!
>
> Just like "Slow Code" said...YOU CAN'T HELP YOURSELF!
>
> Your own propensity to let your ego overrun your common sense
> "outted" you, fatboy!
>
> You keep doing it to yourself...over and over and over and
> over.....
>
> Idiot.
>

> Steve, K4YZ
>
>
Hey Steve, does your landlord let you put up an antenna? Mine won't. :-((

3621. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 14:11:48 UTC
From: Deni F5VJC <foxfive.vjc@gmail.com>
Message-ID: <1165673508.657925.5960@j72g2000cwa.googlegroups.com>
Source record: 48345

On Dec 9, 1:57 pm, Cecil Moore <myc...@hotmail.com> wrote:
> Cecil Moore wrote:
> > 600 volt insulation blocks charge transfer.Lest I be nibbled to death by a flock of angry geese,
> this should be, "600 volt insulation blocks *some*
> charge transfer." Leaving out the word "some" was
> a typo.
> --
> 73, Cecil http://www.w5dxp.com

Interesting Cecil, my vertical antenna is constucted from a 42 foot length of coaxial cable using the outer braid as the radiator (but the inner and outer are shorted together anyway) and this fat vertical "wire" is suspended inside a telescopic fibre glass pole from Spiderbeam (not the conductive type). So, I guess my verical wire is quite well insulated and certainly not in contact with charged rain. We've had particularly heavy rainstorms lately in France and this is definitely rain or rain induced static., starting and stopping in sympathy with the rain storms very easy to identify.
73, Deni
F5VJC

3622. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 14:24:08 UTC
From: Pedro Sanchez <Dr.PedroSanchez@yahoo.com>
Message-ID: <tlhln21ea8hotjv4bi97eam2vl20v801ff@bbb.org>
Source record: 48346
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

On Sat, 9 Dec 2006 09:06:20 -0500, "Slow Code" <my.mail@no.spam>
wrote:

>Hey Steve, does your landlord let you put up an antenna? Mine won't. :-((

Shove those antenna up the landlords ass. Ask him if he would rather
have the antenna in the air or up his ass. If he says he wants it up
his ass then break it off for him.

Landlords suck assholes.

3623. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 15:27:39 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <eleklb$r8m$1@aioe.org>
Source record: 48347

Dave wrote:
> ...
>
> Most all verticals have higher noise levels than horizontal antennas.
> Reason, as it is reported, is that man made noise is vertically polarized.
>

Dave:

Frankly, I think that the statement, "most man made noise is vertical polarized" is a myth. How many power lines do you see running vertically? How many extension cords do you see running vertically? How many phone lines do you see running vertically? Etc, etc.

I think this needs looked at in a new light. Now most 160m antennas are easier to construct for horizontal operation--perhaps this is where the myth got started?

Regards,
JS

3624. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 15:45:52 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <elelnk$t4u$1@aioe.org>
Source record: 48348

Deni F5VJC wrote:
> ...
> Any thoughts, how have you solved this?
>
> 73, Deni
>
> F5VJC
>

Deni:

Perhaps a very high resistance hooked to the radiator and gnd would be
the quick, cheap fix?

Regards,
JS

3625. Re: Big Wheel plans

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 15:54:07 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <z_Aeh.9049$wc5.3909@newssvr25.news.prodigy.net>
Source record: 48349

Tom Ring wrote:
> I sure wish I had a copy of the 1972 VHF Manual.

Tom, I've got that one. Big Wheel is on page 198.
What do you need to know?
--
73, Cecil http://www.w5dxp.com

3626. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 16:14:24 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <AhBeh.9053$wc5.9045@newssvr25.news.prodigy.net>
Source record: 48350

Deni F5VJC wrote:
> So, I guess my verical wire is
> quite well insulated and certainly not in contact with charged rain.
> We've had particularly heavy rainstorms lately in France and this is
> definitely rain or rain induced static., starting and stopping in
> sympathy with the rain storms very easy to identify.

Is anything about your antenna in contact with charged
rain? Your noise problem might have the same cause
as lightning, i.e. the global atmospheric electrical
circuit. You might be experiencing simple corona
discharge.
--
73, Cecil http://www.w5dxp.com

3627. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 16:16:31 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <zjBeh.9054$wc5.198@newssvr25.news.prodigy.net>
Source record: 48351

John Smith wrote:
> How many power lines do you see running vertically?

How many ground wires do you see running vertically
from power pole capacitors and transformers? :-)
--
73, Cecil http://www.w5dxp.com

3628. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 16:17:37 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <BkBeh.9056$wc5.1529@newssvr25.news.prodigy.net>
Source record: 48352

John Smith wrote:
> Perhaps a very high resistance hooked to the radiator and gnd would be
> the quick, cheap fix?

Perhaps not. Such is already provided inside the SG-230.
--
73, Cecil http://www.w5dxp.com

3629. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 16:32:39 UTC
From: Mark@kb9rqz.aprs
Message-ID: <b8pln25htoftgo91spanroe8uk5h3ccnvh@4ax.com>
Source record: 48353
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

On Sat, 9 Dec 2006 09:06:20 -0500, "Slow Code" <my.mail@no.spam>
wrote:

>
><k4yz_01@yahoo.com> wrote in message
>news:1165588304.895841.210490@79g2000cws.googlegroups.com...
>>
>> Mark@kb9rqz.aprs wrote:
>>> On 1 Dec 2006 02:12:02 -0800, "K4YZ" <stevenrobeson@aol.com> wrote:
>>> >Mark@kb9rqz.aprs wrote:
>>> >> apearntly not
>>> >
>>> > What's "apparent" is your incompetence with the English language,
>>> >fatboy.
>>> >
>>> >> you have spent 8 years harrassing bascial for daring to be different
>>> >> than you
>>> >
>>> > No, I've been rubbing your nose in your lying and misconduct.
>>> >
>>> > Even yoiu admit to the legal investigations being conducted
>>> >against you, yet you act as if it's my fault...Stop being an abusing
>>> >deviate and the cops will go away...Maybe you won't have to keep trying
>>> >to move farther and farther away to avoid the long arm of the law.
>>>
>>> steve their are investgatons because you by you own admission made
>>> complaints to various agentcies
>>
>> Morkie, those "investgations" occured due to some reason OTHER than
>> me filing a complaint, and they started WAAAAAAAAAAAAY before I even
>> knew you existed.
>>
>> I FOUND THE EVIDENCE OF YOU BEING INVESTIGATED AND THREW IT OUT FOR
>> YOU TO BITE ON!
>>
>> You couldn't resist! HOOK LINE AND SINKER!
>>
>> Just like "Slow Code" said...YOU CAN'T HELP YOURSELF!
>>
>> Your own propensity to let your ego overrun your common sense
>> "outted" you, fatboy!
>>
>> You keep doing it to yourself...over and over and over and

>> over.....
>>
>> Idiot.
>>
>> Steve, K4YZ
>>
>>
>Hey Steve, does your landlord let you put up an antenna? Mine won't. :-((
>
you have admited that he doesn't steve
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3630. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 16:37:18 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <eleoo3$40q$1@aioe.org>
Source record: 48354

Cecil Moore wrote:
> John Smith wrote:
>> Perhaps a very high resistance hooked to the radiator and gnd would be
>> the quick, cheap fix?
>
> Perhaps not. Such is already provided inside the SG-230.

Cecil:

I am slow to fence with you, your logic is impressive; however, perhaps this "safe guard" has failed? It is hard for me to picture static which is able to resist (pun intended) a path to ground ...

Regards,
JS

3631. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 16:42:59 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <elep2n$40q$2@aioe.org>
Source record: 48355

Cecil Moore wrote:
> John Smith wrote:
>> How many power lines do you see running vertically?
>
> How many ground wires do you see running vertically
> from power pole capacitors and transformers? :-)

Cecil:

True. But, given the hundred-of-thousands/millions? of miles in conductors, carrying noise generating power in a horizontal plane, those ground wires must only amount to a small percentage of the whole ...

Regards,
JS

3632. Re: KTN4GN inviting people to monitor FOUO, was: Re: K4YZ have told CAP you intend to violate FOUO frequncy info?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 16:43:02 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1165682582.786564.311050@n67g2000cwd.googlegroups.com>
Source record: 48356
Cross-posted to: rec.radio.amateur.antenna,rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

```
Mark@kb9rqz.aprs wrote:
> On 3 Dec 2006 09:37:35 -0800, hot-ham-and-cheese@hotmail.com wrote:
> >Slow Code wrote:
> >> hot-ham-and-cheese@hotmail.com wrote in
> >> news:1165086130.017402.217720@16g2000cwy.googlegroups.com:
> >> > Slow Code wrote:
> >> >> hot-ham-and-cheese@hotmail.com wrote in
> >> >> news:1164938185.794275.103550@j44g2000cwa.googlegroups.com:
> >> >> > kb9rqz-1@hotmail.com wrote:
> >> >> >> K4YZ wrote:
> >> >> >> > hot-ham@hotmail.com wrote:
> >> >> >
> >> >> > > So what was it all about???
> >> >> > >
> >> >> > > Monitoring CAP FOUO communications.
> >> >> > >
> >> >> > > I recall K4YZ/KTN4GN inviting people to monitor him and he would
> >> >> > > send an SWL confirmation.
> >> >> > >
> >> >> > > Hi! So much for FOUO.
> >> >> >
> >> >> > Uh huh.
> >> >> >
> >> >> > And nowhere in my QRZ bio did I mention operating
> >> >> > frequencies, net
> >> >> > times, operational objectives, etc.
> >> >> >>
> >> >> >> so?
> >> >> >
> >> >> > WWW.QRZ.COM search "K4YZ"
> >> >> >
> >> >> > FOUO maintained...Brain made a fool of...Again...
> >> >> >>
> >> >> >> maybe maybe not
> >> >> >>
> >> >> >> have you told CAP you intend to confirm FOUO freqs and time
> >> >> >
> >> >> > This is where his innocense falls apart. Somehow he's going to
> >> >> > confirm an SWL card with "I can neither confirm nor deny..."
> >> >> > Riiiiight.
> >> >> >
> >> >> > PopComm needs to beware publishing this idiot's letters.
```

> >> >>
> >> >> You really are a bitter ham.
> >> >
> >> > At least I'm a ham. That can't be said of you.
> >> >
> >> >> Lack of CW in the radio diet will do that to
> >> >> you.
> >> >
> >> > Nope, being accused of molesting Boy Scouts did it for me.
> >> >
> >> > Everything that K4YZ/KTN4GN says is suspect and needs to be
> >> > scrutinized.
> >> >
> >> > For example, his Civil Air Patrol FOUO letter that was published in the
> >> > Nov 2006 issue of PopComm completely contradicts his QRZ.COM/K4YZ offer
> >> > to confirm his CAP communications.
> >> >
> >> > That is what this thread is about... if you'd care to stay on topic.
> >> >
> >> >> Just look at all the hate on eleven meters.
> >> >
> >> > I wouldn't know, but there's no need to look there. The hate is
> >> > already on RRAP, and K4YZ fosters most of it. When this group becomes
> >> > moderated, I expect K4YZ to be banned. He'll have to hang out on the
> >> > Nurse or CAP yahoo groups of his own creation and moderation.
> >> >
> >> >> Those people are even
> >> >> gunning each other down in shopping mall parking lots.
> >> >>
> >> >> SC
> >> >
> >> > What a coincidence. K4YZ has offered to "meet" several hams at the
> >> > Dayton Hamfest, and there's a lot of hamfest parking at the shopping
> >> > mall.
> >>
> >> The only hate I see, is the hate most everyone here has for the CW test.
> >
> >I learned it. I passed it. I see it as irrelevant government hurdle
> >to be passed. It serves no regulatory purpose in the ARS. No other
> >mode has a stand alone exam that denies access to HF.
>
> congrats on managing wqish I had had any luck with it

It was a struggle. Couldn't get past about 10wpm. My modem needed a
ROM upgrade but that wasn't in the cards.

> >> But that's about it. How'd ya like the boy scouts?
> >>
> >> SC
> >
> >Fantastic organization. Lots of activities. I'd recommend

> >boy/girl/venture scouting to any youth. Keeps them busy and they stay
> >out of trouble and off of drugs.
>
> I have Issues with the BSA as a organization BB.

I understand. I don't have have a problem with that aspect of the organization, and since it involved my children, I'd prefer to keep it the way it is. Adults can do what they want.

> given the way my
> private has been invaded and praded by Steve and his freind I suspect
> I need not explain why we disagree about the BSA

But is has nothing to do with the BSA. Robesin is not in the BSA and I wouldn't want him around my children or anyone else's. But he probably has lots of contact with Cadets; hopefully they're using at least the rule of two.

3633. Re: mobile screwdriver antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 17:00:55 UTC
From: Frank's <frank599@nojunkmailplease.telus.net>
Message-ID: <bZBeh.49852$rv4.17877@edtnps90>
Source record: 48357

"Henry Kolesnik" <kolesnik@sbcglobal.net> wrote in message
news:f8peh.26077$qO4.18567@newssvr13.news.prodigy.net...
> Hey Frank
> I'm originally from Drum !
> No I don't think its the one.
> But thanks for trying.
>
> 73
> Hank WD5JFR

Hi Hank, well I am sure you don't miss the winter weather!
I am certain that W6AAQ is a retired engineer. I will check
with some of my SoCal ham friends to see if he was at Boeing.
Possibly he has changed the design since you saw it.

73,

Frank VE6CB

3634. Re: OE-254 Versus COM-201B Antenna Comparison

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 17:07:17 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <6gqln2lt0je19e1d6hrtq0kop4i14rglvi@4ax.com>
Source record: 48358

On Tue, 5 Dec 2006 22:29:56 -0500, "Anthony Jocius"
<ajocius@insightbb.com> wrote:

>Can someone do an educated comparison between these two antennas?
>A study at http://www.gordon.army.mil/ac/Winter/Winter%2002/USMCnet.htm
>seems like an ad, instead of a fair comparison.

Hi Tony,

It is a fair comparison using a well known modeler. They cite EZNEC
which is our "gold standard" here for modeling. True, this is an
amateur group, but there are a lot of professionals here, many with
military experience, obtained directly or through contracts. None
would shy from recommending EZNEC for professional work.

Performance-wise the two are a wash. One dB accuracy is exceedingly
difficult to achieve in the field, and all the variables of
installation, terrain, use, what-have-you could easily erase slim
advantages. Of all things to be considered is height and visibility
and even here, both seem to be equivalent. Matching is examined and
taken care of suitably for each's design - again equivalent.

The only difference appears to be that the OE-254 appears to suffer
some loss. How and where, the authors don't seem to be either aware
of it, or go into any explanation. Still, even with this the OE-254
seems to be a performer.

Choose the one with the fewest parts (or simplest design).

73's
Richard Clark, KB7QHC, ET1

3635. proper antenna installation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 17:13:32 UTC
From: kevin.pavin@gmail.com
Message-ID: <1165684412.592908.105520@80g2000cwy.googlegroups.com>
Source record: 48359

Hi all,

I have two omni dipoles @ 2.4Ghz, one positioned for vertical polarization and the other horizontal. I have stiff coax feeding these two antennas. The horizontal antenna is above the vertical, and the coax feeding the horizontal runs pararellel with the vertical antenna around 2 wavelenghts (24cm) away. My question is will the signal on the coax leak onto the vertical antenna? I want the two to be as orthogonal as possible. I'm not really sure on the physics involved but is there a standard seperation that is required to minimize this effect or will they always be coupled if I run the lines in this manner? Thanks for any info,

Kev

3636. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 17:46:40 UTC
From: sidwellfriends@aol.com
Message-ID: <1165686400.178706.223880@80g2000cwy.googlegroups.com>
Source record: 48360
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

Slow Code wrote:
> <k4yz_01@yahoo.com> wrote in message
> news:1165588304.895841.210490@79g2000cws.googlegroups.com...
> >
> > Mark@kb9rqz.aprs wrote:
> >> On 1 Dec 2006 02:12:02 -0800, "K4YZ" <stevenrobeson@aol.com> wrote:
> >> >Mark@kb9rqz.aprs wrote:
> >> >> apearntly not
> >> >
> >> > What's "apparent" is your incompetence with the English language,
> >> >fatboy.
> >> >
> >> >> you have spent 8 years harrassing bascial for daring to be different
> >> >> than you
> >> >
> >> > No, I've been rubbing your nose in your lying and misconduct.
> >> >
> >> > Even yoiu admit to the legal investigations being conducted
> >> >against you, yet you act as if it's my fault...Stop being an abusing
> >> >deviate and the cops will go away...Maybe you won't have to keep trying
> >> >to move farther and farther away to avoid the long arm of the law.
> >>
> >> steve their are investgatons because you by you own admission made
> >> complaints to various agentcies
> >
> > Morkie, those "investgations" occured due to some reason OTHER than
> > me filing a complaint, and they started WAAAAAAAAAAAAY before I even
> > knew you existed.
> >
> > I FOUND THE EVIDENCE OF YOU BEING INVESTIGATED AND THREW IT OUT FOR
> > YOU TO BITE ON!
> >
> > You couldn't resist! HOOK LINE AND SINKER!
> >
> > Just like "Slow Code" said...YOU CAN'T HELP YOURSELF!
> >
> > Your own propensity to let your ego overrun your common sense
> > "outted" you, fatboy!
> >
> > You keep doing it to yourself...over and over and over and
> > over.....
> >
> > Idiot.

> >
> > Steve, K4YZ
> >
> >
> Hey Steve, does your landlord let you put up an antenna? Mine won't. :-((

You must have a fucking piece-of-shit HD Radio that requires you to
mount a dipole antenna on the roof !

3637. Re: OE-254 Versus COM-201B Antenna Comparison

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 17:50:58 UTC
From: Bob <warthog9@pacbell.net>
Message-ID: <6ICeh.26175$qO4.11940@newssvr13.news.prodigy.net>
Source record: 48361

I have read the GIs like the smaller size of the COM-201B and often set
them up directly on the ground without a mast. The OE-254 has had some
problems with the center hub breaking when stressed and there are more
parts to it. The 254 cannot be used without a mast.
Bob

Anthony Jocius wrote:
> I didn't know where to go to answer this question, so that is why I'm in
> this newsgroup. Basically I'm a reservist for an Engineer Command.
> Recently, my boss asked me to do a comparison between an OE-254 (standard
> 30-88Mhz mast antenna) and an Atlantic Microwave COM-201B (30-88Mhz mast
> antenna). Both FM antennas reach to about 42 feet. The COM-201B touts all
> kinds of advantages, but in my limited knowledge of antennas the performance
> aspect seems to me to be the same or very close. My biggest concern is
> durability. The Army for years (over 20) relied on this antenna (OE-254)
> and opting for a different one, with limited numbers scares me. If I could
> do a blanket purchase for all of our units, even those that already have the
> older antenna, I would opt for that. But with different antennas
> co-existing, with different parts etc, I'm very reluctant to make the
> switch. Can someone do an educated comparison between these two antennas?
> A study at http://www.gordon.army.mil/ac/Winter/Winter%2002/USMCnet.htm
> seems like an ad, instead of a fair comparison.
>
> Anthony Jocius
> LTC, CA, USAR
> Communications Officer
>
>

3638. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 18:27:56 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <MeDeh.712$yC5.68@newssvr27.news.prodigy.net>
Source record: 48362

John Smith wrote:
> I am slow to fence with you, ...

On guard, varlet! :-)

> your logic is impressive; however, perhaps
> this "safe guard" has failed? It is hard for me to picture static which
> is able to resist (pun intended) a path to ground ...

If the SG-230 weren't there you would be right. But
the SG-230 already has two built-in paths to ground
from the main RF line. One is about 40K ohms resistive
and the other is 20 turns on a transformer, probably
a toroid. Your high-resistance path would probably
have negligible effect in this particular situation.

Tom, W8JI, explained it as not just a static charge
problem but as an RF problem. If the impedance is
low enough to discharge RF static, then it is also
low enough to discharge desirable RF signals. What
a parallel impedance does is prevent arcing due to
static DC buildup but it does little to prevent RF
noise due to precipitation static which is many small
discharges but only one small one at a time. (Someone
reported being able to count the charged snowflakes.)

In the absence of a parallel impedance as exists in
the SG-230, a parallel impedance can certainly eliminate
DC arcing along with its associated corona so it's not a
bad idea. But precipitation static is a number of small
hits each generating a small amount of RF energy. The
only way I know of to reduce the amount of that RF energy
reaching the receiver is to partially short it out with
a loop antenna or insulate the antenna from the physical
hits. And in fact, those are the most popular ways of
reducing precipitation static on airplane antennas.
--
73, Cecil http://www.w5dxp.com

3639. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 18:30:52 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <whDeh.732$yC5.649@newssvr27.news.prodigy.net>
Source record: 48363

John Smith wrote:
> Cecil Moore wrote:
>> How many ground wires do you see running vertically
>> from power pole capacitors and transformers? :-)
>
> True. But, given the hundred-of-thousands/millions? of miles in
> conductors, carrying noise generating power in a horizontal plane, those
> ground wires must only amount to a small percentage of the whole ...

A small percentage of the length of wires - a very large
percentage of the vertically polarized noise. Probably two
S-units of noise at my QTH that goes away during a power
failure.
--
73, Cecil http://www.w5dxp.com

3640. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 18:39:22 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <elevsv$kh2$1@aioe.org>
Source record: 48365

"Cecil Moore" <mycall@hotmail.com> wrote in message
> ...
> bad idea. But precipitation static is a number of small
> hits each generating a small amount of RF energy. The
> ...
> a loop antenna or insulate the antenna from the physical
> hits. And in fact, those are the most popular ways of
> ...
> 73, Cecil http://www.w5dxp.com

Cecil:

Stated was:

"Interesting Cecil, my vertical antenna is constucted from a 42 foot length of coaxial cable using the outer braid as the radiator (but the inner and outer are shorted together anyway) and this fat vertical "wire" is suspended inside a telescopic fibre glass pole from Spiderbeam (not the conductive type). So, I guess my verical wire is quite well insulated and certainly not in contact with charged rain."

How better could the actual metal radiator (receiving element) be insulated from the physical striking of rain drops, other than in the nonconductive fiberglass casing it already resides in? What am I missing?

Warmest regards,
JS

3641. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 18:40:43 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <LqDeh.747$yC5.141@newssvr27.news.prodigy.net>
Source record: 48366

art wrote:
> Cecil if a static charge has a time varying field applied by gravity
> would it have radiatiatonal
> properties and if so would it not be vertically polarised?
> Can't be true as it is not printed in a book !

Whoa there, Art. There seems to be confusion between
two topics. As far as I know, there is no obvious
difference between the precipitation static levels
on a horizontal Vs vertical antenna. That this
particular antenna is vertical is mostly irrelevant
to the alleged precipitation static problem. It could
just as easily be happening with a horizontal antenna.

The fact that the noise might be attributed to something
other than precipitation static might involve vertical
polarization but I don't think precipitation static has
much to do with polarization. A wind-driven charged
particle is just as likely to encounter a vertical wire
as a horizontal wire.
--
73, Cecil http://www.w5dxp.com

3642. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 18:42:45 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <elf03b$l2k$1@aioe.org>
Source record: 48367

Cecil:

Undoubtably, in a power failure, "most all" of the noise, both horiz and vert, goes away. How to you differentiate between what is the horiz component and that of the vert component?

Regards,
JS

"Cecil Moore" <mycall@hotmail.com> wrote in message news:whDeh.732$yC5.649@newssvr27.news.prodigy.net...
> John Smith wrote:
>> Cecil Moore wrote:
>>> How many ground wires do you see running vertically
>>> from power pole capacitors and transformers? :-)
>>
>> True. But, given the hundred-of-thousands/millions? of miles in
>> conductors, carrying noise generating power in a horizontal plane, those
>> ground wires must only amount to a small percentage of the whole ...
>
> A small percentage of the length of wires - a very large
> percentage of the vertically polarized noise. Probably two
> S-units of noise at my QTH that goes away during a power
> failure.
> --
> 73, Cecil http://www.w5dxp.com

3643. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 18:47:47 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <g00mn2p95nnkv0ejj0r058umc93i7ocavi@4ax.com>
Source record: 48364

On Sat, 09 Dec 2006 07:27:39 -0800, John Smith
<assemblywizard@gmail.com> wrote:

>Dave wrote:
>> ...
>>
>> Most all verticals have higher noise levels than horizontal antennas.
>> Reason, as it is reported, is that man made noise is vertically polarized.
>>
>
>Dave:
>
>Frankly, I think that the statement, "most man made noise is vertical
>polarized" is a myth. How many power lines do you see running

Perhaps the explanation for the observation that the vertically
polarised component of man made noise is greater at a receiver antenna
than the horizontal component lies in the propagation mechanism.

Most man made noise is received from nearby and by ground wave, and
vertically polarised ground waves are attenuated less than
horizontally polarised waves over the same path.

This explanation is supported by the observation that the closer one
is to a high intensity man made noise source (but still within
radiating far field), the less variation in field strength with
antenna polarisation.

Owen
--

3644. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 18:50:17 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <JzDeh.761$yC5.499@newssvr27.news.prodigy.net>
Source record: 48368

John Smith wrote:
> How better could the actual metal radiator (receiving element) be insulated
> from the physical striking of rain drops, other than in the nonconductive
> fiberglass casing it already resides in? What am I missing?

Netnews is a challenge. Apparently you have read his
followup posting without reading mine. Just be patient.
My followups will arrive on your server sooner or later.
For instance, if he has uninsulated elevated radials,
the same thing might be happening. Or maybe it's noise
from lightning and not precipitation static at all.
--
73, Cecil http://www.w5dxp.com

3645. Re: 2m Big Wheel Plans - Again

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 18:51:28 UTC
From: Bob Miller <NOSPAM@neosoft.com>
Message-ID: <i81mn2dbrqqvo89in9rogtv27vvn3mefhd@4ax.com>
Source record: 48369

On Fri, 08 Dec 2006 19:38:30 -0600, Tom Ring <news0003@taring.org>
wrote:

>Ok, let's try this again.
>
>I googled for plans. Thanks to those that gave me the results I already
>found, but they were still useless.
>
>One person responded via email, thank you sir.
>
>The others wandered off on related subjects, as this list is want
>(wont?) to do. That is just fine, I have no problem with that, we learn
>much that way. I hope we get a decent ez file out of it. And whether
>it shows the impedance change when stacked that the articles speak of.
>
>Now, does anyone have any plans with things like dimensions? Other than
>the original 1961 version, which has to have been tweaked at least a little.
>
>Thanks.
>
>tom
>K0TAR

There are two articles at http://6mt.com/2tech.htm and the one I saw
with my Windows fax viewer has dimensions in inches, and the type can
be blown up pretty big with the viewer. ??

bob
k5qwg

3646. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 18:54:45 UTC
From: amdx <amdx@knology.net>
Message-ID: <15c13$457b066b$45011502$25178@KNOLOGY.NET>
Source record: 48370
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

"Pedro Sanchez" <Dr.PedroSanchez@yahoo.com> wrote in message
news:tlhln21ea8hotjv4bi97eam2vl20v801ff@bbb.org...
> On Sat, 9 Dec 2006 09:06:20 -0500, "Slow Code" <my.mail@no.spam>
> wrote:
>
>>Hey Steve, does your landlord let you put up an antenna? Mine won't. :-((
>
> Shove those antenna up the landlords ass. Ask him if he would rather
> have the antenna in the air or up his ass. If he says he wants it up
> his ass then break it off for him.
>
> Landlords suck assholes.
>
Gee, maybe you should save your money and buy your OWN home,
then you can do what you want with it.
An even better experience would be, buy a home with your own money
and rent it to those that think "Landlords suck assholes"
After a few missed rent payments your outlook will suddenly change, you
will
wonder why does that %^&$#^$ think I should support him. It's not my fault
he lost
a job, got fired, car broke down, had to take the kid to the emergency room.
It's not my fault he didn't save any money for a rainy day!
My most fun story is the guy that replaced a mailbox, he was in the middle
of
being kicked out. He went out and bought a $40 mailbox expecting me to pay
for it.
I told him to keep the mailbox. When he left he took the mailbox. The post
for this
mailbox was a buried telephone pole, it wasn't going anywhere.
When I installed my new $5.00 mailbox I mounted a 2"x6" board to the pole
with
5" x 5/16" lag bolts, then I mounted the mailbox to the 2x6 with seven 3
1/4" drywall
screws.
I would have liked to seen his face when he whacked that mailbox and it
didn't go
flying away. I hope he didn't hurt himself, NOT
He was gone about three days before he did this. I waited another week and
put up a new mailbox.
Mike
PS. One day the toilet overflowed I had to remove about 40 kotex from the
sewer

pipe one cold day in January.

PSS. sold all the rentals no more %^&$#^$ to put up with.

3647. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 18:57:34 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <yGDeh.764$yC5.205@newssvr27.news.prodigy.net>
Source record: 48371

John Smith wrote:
> Undoubtably, in a power failure, "most all" of the noise, both horiz and
> vert, goes away. How to you differentiate between what is the horiz
> component and that of the vert component?

I continue to operate on backup power during an AC
power failure. The change in noise level on my
horizontal dipole is not very noticeable. The change
in noise level on my vertical is 2+ S-units. It is
obvious that the 60 Hz power lines furnish the source
of the vertical noise with power. I am still not sure
of the source of the vertical noise but I strongly
suspect the ground wire on the pole in my front yard
that contains a power factor capacitor. If I bring
my portable AM radio close to that ground wire, I
cannot even hear the local AM radio station.
--
73, Cecil http://www.w5dxp.com

3648. Re: How does that meter work?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 19:05:45 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <dltln25l14kurjubk5ms32bdpg0ogq1on8@4ax.com>
Source record: 48373

On Sat, 9 Dec 2006 10:49:08 +0100, "Antonio Vernucci"
<vernucci@tin.it> wrote:

>Do you appreciate the difference?

Hi Tony,

Nope.

The meter is always in a condition where current is flowing given that it shares the cathode load. Paragraph 5-5 says quite clearly how to set zero for a zero signal condition. Basically, the design reveals an admission that there is no "zero" in the first place (merely a minimum).

Aside from that, there is no need to be concerned about a meter reading for a receiver that is turned off. In short, any attempt to force a mechanical zero would be negated by the "electrical zero" set and S-9 calibration.

73's
Richard Clark, KB7QHC

3649. Re: 2m Big Wheel Plans - Again

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 19:05:51 UTC
From: Bob Miller <NOSPAM@neosoft.com>
Message-ID: <772mn215q1urklbu8677gcamhbh0u9dill@4ax.com>
Source record: 48372

On Sat, 09 Dec 2006 18:51:28 GMT, Bob Miller <NOSPAM@neosoft.com>
wrote:

>On Fri, 08 Dec 2006 19:38:30 -0600, Tom Ring <news0003@taring.org>
>wrote:
>
>>Ok, let's try this again.
>>
>>I googled for plans. Thanks to those that gave me the results I already
>>found, but they were still useless.
>>
>>One person responded via email, thank you sir.
>>
>>The others wandered off on related subjects, as this list is want
>>(wont?) to do. That is just fine, I have no problem with that, we learn
>>much that way. I hope we get a decent ez file out of it. And whether
>>it shows the impedance change when stacked that the articles speak of.
>>
>>Now, does anyone have any plans with things like dimensions? Other than
>>the original 1961 version, which has to have been tweaked at least a little.
>>
>>Thanks.
>>
>>tom
>>K0TAR
>
>There are two articles at http://6mt.com/2tech.htm and the one I saw
>with my Windows fax viewer has dimensions in inches, and the type can
>be blown up pretty big with the viewer. ??
>
>bob
>k5qwg

(Make that 3 articles, two from QST and one more handwritten.)

bob
k5qwg

3650. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 19:08:59 UTC
From: Irv Finkleman <finkirv@shaw.ca>
Message-ID: <457B09CA.372E1BBF@shaw.ca>
Source record: 48374

John Smith wrote:
>

>
> How better could the actual metal radiator (receiving element) be insulated
> from the physical striking of rain drops, other than in the nonconductive
> fiberglass casing it already resides in? What am I missing?
>

It seems to me that static electicity, and
hence noise, can be induced through the fibreglass. I used
to have horrible wind static on a dipole made with insulated wire.
I would suggest that the rain striking the insulated material could
also induce a static charge.

Irv VE6BP

Visit my HomePage at http://members.shaw.ca/finkirv/index.html
Visit my Baby Sofia website at http://members.shaw.ca/finkirv4/index.htm
Visit my OLDTIMERS website at http://members.shaw.ca/finkirv5/index.htm
---
Irv Finkleman,
Grampa/Ex-Navy/Old Fart/Ham Radio VE6BP
Calgary, Alberta, Canada

3651. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 19:11:16 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <elf1os$8bs$1@news.ndhu.edu.tw>
Source record: 48375
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

Pedro:

That is one way to attack the problem.

Another is simply go the stealth route, I find it immensely more amusing ...

JS

"Pedro Sanchez" <Dr.PedroSanchez@yahoo.com> wrote in message
news:tlhln21ea8hotjv4bi97eam2vl20v801ff@bbb.org...
> On Sat, 9 Dec 2006 09:06:20 -0500, "Slow Code" <my.mail@no.spam>
> wrote:
>
>>Hey Steve, does your landlord let you put up an antenna? Mine won't. :-((
>
> Shove those antenna up the landlords ass. Ask him if he would rather
> have the antenna in the air or up his ass. If he says he wants it up
> his ass then break it off for him.
>
> Landlords suck assholes.
>

3652. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 19:21:11 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <H0Eeh.775$yC5.399@newssvr27.news.prodigy.net>
Source record: 48226
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

John Smith wrote:
> Another is simply go the stealth route, ...

I get it. The landlord doesn't even notice a stealth
antenna being shoved up his posterior. :-)
--
73, Cecil http://www.w5dxp.com

3653. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 19:24:50 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <457b0d8a$0$3872$6c4959f3@news.easynews.nl>
Source record: 48227
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

<sidwellfriends@aol.com> wrote in message
news:1165686400.178706.223880@80g2000cwy.googlegroups.com...
>
> Slow Code wrote:
>> <k4yz_01@yahoo.com> wrote in message
>> news:1165588304.895841.210490@79g2000cws.googlegroups.com...
>> >
>> > Mark@kb9rqz.aprs wrote:
>> >> On 1 Dec 2006 02:12:02 -0800, "K4YZ" <stevenrobeson@aol.com> wrote:
>> >> >Mark@kb9rqz.aprs wrote:
>> >> >> apearntly not
>> >> >
>> >> > What's "apparent" is your incompetence with the English language,
>> >> >fatboy.
>> >> >
>> >> >> you have spent 8 years harrassing bascial for daring to be
>> >> >> different
>> >> >> than you
>> >> >
>> >> > No, I've been rubbing your nose in your lying and misconduct.
>> >> >
>> >> > Even yoiu admit to the legal investigations being conducted
>> >> >against you, yet you act as if it's my fault...Stop being an abusing
>> >> >deviate and the cops will go away...Maybe you won't have to keep
>> >> >trying
>> >> >to move farther and farther away to avoid the long arm of the law.
>> >>
>> >> steve their are investgatons because you by you own admission made
>> >> complaints to various agentcies
>> >
>> > Morkie, those "investgations" occured due to some reason OTHER than
>> > me filing a complaint, and they started WAAAAAAAAAAAAY before I even
>> > knew you existed.
>> >
>> > I FOUND THE EVIDENCE OF YOU BEING INVESTIGATED AND THREW IT OUT FOR
>> > YOU TO BITE ON!
>> >
>> > You couldn't resist! HOOK LINE AND SINKER!
>> >
>> > Just like "Slow Code" said...YOU CAN'T HELP YOURSELF!
>> >
>> > Your own propensity to let your ego overrun your common sense
>> > "outted" you, fatboy!

>> >
>> > You keep doing it to yourself...over and over and over and
>> > over.....
>> >
>> > Idiot.
>> >
>> > Steve, K4YZ
>> >
>> >
>> Hey Steve, does your landlord let you put up an antenna? Mine won't. :-((
>
> You must have a fucking piece-of-shit HD Radio that requires you to
> mount a dipole antenna on the roof !
>
>
Shows how stupid you are I don't have an HF license I'm a no code
technichan.

3654. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 19:26:18 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <457b0de3$0$3872$6c4959f3@news.easynews.nl>
Source record: 48228
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

"Pedro Sanchez" <Dr.PedroSanchez@yahoo.com> wrote in message
news:tlhln21ea8hotjv4bi97eam2vl20v801ff@bbb.org...
> On Sat, 9 Dec 2006 09:06:20 -0500, "Slow Code" <my.mail@no.spam>
> wrote:
>
>>Hey Steve, does your landlord let you put up an antenna? Mine won't. :-((
>
> Shove those antenna up the landlords ass. Ask him if he would rather
> have the antenna in the air or up his ass. If he says he wants it up
> his ass then break it off for him.
>
> Landlords suck assholes.
>
>
Do you like a dirty sanchez? I give a great blumpkin.

3655. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 19:32:03 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <elf2vu$124l$1@news.ndhu.edu.tw>
Source record: 48229
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

Cecil:

You leave me speechless, and busting a gut!

Warmest regards,
JS

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:H0Eeh.775$yC5.399@newssvr27.news.prodigy.net...
> John Smith wrote:
>> Another is simply go the stealth route, ...
>
> I get it. The landlord doesn't even notice a stealth
> antenna being shoved up his posterior. :-)
> --
> 73, Cecil http://www.w5dxp.com

3656. Re: mobile screwdriver antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 19:50:10 UTC
From: Henry Kolesnik <kolesnik@sbcglobal.net>
Message-ID: <SrEeh.4219$Ga1.82@newssvr12.news.prodigy.net>
Source record: 48230

Frank
Yes my bro in Calgary has told me about the cold but we've had some in Oklahoma. It's not the temp here that gets you here but the wind and humidity make it bad. I'd rather have the dry, windless cold. I think the retired Boeing engr was at the Ft. Wayne Indiana hamfest and I think he lives in Illinois?

73
Hank WD5JFR

"Frank's" <frank599@nojunkmailplease.telus.net> wrote in message news:bZBeh.49852$rv4.17877@edtnps90...
>
> "Henry Kolesnik" <kolesnik@sbcglobal.net> wrote in message
> news:f8peh.26077$qO4.18567@newssvr13.news.prodigy.net...
>> Hey Frank
>> I'm originally from Drum !
>> No I don't think its the one.
>> But thanks for trying.
>>
>> 73
>> Hank WD5JFR
>
> Hi Hank, well I am sure you don't miss the winter weather!
> I am certain that W6AAQ is a retired engineer. I will check
> with some of my SoCal ham friends to see if he was at Boeing.
> Possibly he has changed the design since you saw it.
>
> 73,
>
> Frank VE6CB
>

3657. Re: proper antenna installation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 19:57:56 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <8zEeh.278$yZ4.56@trnddc05>
Source record: 48231

<kevin.pavin@gmail.com> wrote in message
news:1165684412.592908.105520@80g2000cwy.googlegroups.com...
> Hi all,
>
> I have two omni dipoles @ 2.4Ghz, one positioned for vertical
> polarization and the other horizontal. I have stiff coax feeding these
> two antennas. The horizontal antenna is above the vertical, and the
> coax feeding the horizontal runs pararellel with the vertical antenna
> around 2 wavelenghts (24cm) away. My question is will the signal on
> the coax leak onto the vertical antenna? I want the two to be as
> orthogonal as possible. I'm not really sure on the physics involved
> but is there a standard seperation that is required to minimize this
> effect or will they always be coupled if I run the lines in this
> manner? Thanks for any info,
>
> Kev

Hi Kev

I notice that you arent getting an answer from the guys on this News Group
who actually know how to properly solve the problems you are concerned with.
Are you concerned about inducing RF into one coax because of its being 2
wavelengths away from a radiator parallel to it? If so, I can assure you
that the isolation from the vertical antenna to the inside of the paralled
coax will be Very high. I'd expect *that* kind of coupling to be so low
that it would be difficult to evaluate it.

The antennas will be "orthoganal" because they are physically mounted that
way.

Jerry

3658. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 20:03:18 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <dPydnWmEEIcbi-bYnZ2dnUVZ_tPinZ2d@bright.net>
Source record: 48232

And if it weren't for landlords, maybe you'd be living in a discarded refrigerator box behind Wal Mart?

Pedro Sanchez wrote:

>
> Landlords suck assholes.
>

3659. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 20:16:01 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <elf5i6$1g0$1@aioe.org>
Source record: 48233

Cecil:

Yep. EXACTLY, the same problem here.

I constructed a wideband fsm with a fet front end amping up the rf, then through a full wave rect and feeding two opamps in a lm324 acting as a VERY high gain dc amp, plug for ferite/"rubber duck"/telescope antennas. This finds the groundwire on a pole adjacent to my yard is a culprit, when brought close it pegs the meter and turns on the led (powered by extra opamps on board the lm324 acting as a comparator and voltage follower) in the output circuit.

There is also a large, square, distribution xfmr where there are underground lines, although it appears perfectly shielded, it is yet another culprit on the opposite side of my property and gives a substantial reading on the same meter.

Numerous complaints from me has had the power company send out individuals with an am radio, as you describe, they are quite taken with my "noise meter" when I show it to them, and the audio on their am radio confirms my meters reading--however, the noise is still there ...

I am happy they like my meter! <straight face>

Warmest regards,
JS

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:yGDeh.764$yC5.205@newssvr27.news.prodigy.net...
> John Smith wrote:
>> Undoubtably, in a power failure, "most all" of the noise, both horiz and
>> vert, goes away. How to you differentiate between what is the horiz
>> component and that of the vert component?
>
> I continue to operate on backup power during an AC
> power failure. The change in noise level on my
> horizontal dipole is not very noticeable. The change
> in noise level on my vertical is 2+ S-units. It is
> obvious that the 60 Hz power lines furnish the source
> of the vertical noise with power. I am still not sure
> of the source of the vertical noise but I strongly
> suspect the ground wire on the pole in my front yard
> that contains a power factor capacitor. If I bring
> my portable AM radio close to that ground wire, I
> cannot even hear the local AM radio station.
> --

> 73, Cecil http://www.w5dxp.com

3660. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 20:22:31 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165695751.376734.74080@80g2000cwy.googlegroups.com>
Source record: 48234

Cecil Moore wrote:
> art wrote:
> > Cecil if a static charge has a time varying field applied by gravity
> > would it have radiatiatonal
> > properties and if so would it not be vertically polarised?
> > Can't be true as it is not printed in a book !
>
> Whoa there, Art. There seems to be confusion between
> two topics. As far as I know, there is no obvious
> difference between the precipitation static levels
> on a horizontal Vs vertical antenna.

Cecil
I am just putting up something for thought

Apparently stacked antennas of the horizontal style can avoid a lot of
static noise
if they disconect the upper array. Could this possibly mean that the
horizontal array will not pick up a vertically phased noise in the near
region. I know nothing in this area but just offering something that
could be discussed.

That this
> particular antenna is vertical is mostly irrelevant
> to the alleged precipitation static problem. It could
> just as easily be happening with a horizontal antenna.
>
> The fact that the noise might be attributed to something
> other than precipitation static might involve vertical
> polarization but I don't think precipitation static has
> much to do with polarization. A wind-driven charged
> particle is just as likely to encounter a vertical wire
> as a horizontal wire.
> --
> 73, Cecil http://www.w5dxp.com

3661. Re: mobile screwdriver antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 20:23:47 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <6m6mn2dd2v94t9okui0tmuq6ugmajidjf9@4ax.com>
Source record: 48235

On Sat, 09 Dec 2006 19:50:10 GMT, "Henry Kolesnik"
<kolesnik@sbcglobal.net> wrote:

>I think the
>retired Boeing engr was at the Ft. Wayne Indiana hamfest and I think he
>lives in Illinois?

Hi Hank,

Boeing engineers are more likely to be found in Wichita and Seattle.
The retired ones would probably be snow-birding in Arizona.

73's
Richard Clark, KB7QHC

3662. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 20:45:44 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <elf79t$5dg$1@aioe.org>
Source record: 48236

Cecil:

Netnews? News server? Newgroups?

This ain't google chat? Huh? <grin>

Regards,
JS

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:JzDeh.761$yC5.499@newssvr27.news.prodigy.net...
> John Smith wrote:
>> How better could the actual metal radiator (receiving element) be
>> insulated from the physical striking of rain drops, other than in the
>> nonconductive fiberglass casing it already resides in? What am I
>> missing?
>
> Netnews is a challenge. Apparently you have read his
> followup posting without reading mine. Just be patient.
> My followups will arrive on your server sooner or later.
> For instance, if he has uninsulated elevated radials,
> the same thing might be happening. Or maybe it's noise
> from lightning and not precipitation static at all.
> --
> 73, Cecil http://www.w5dxp.com

3663. Re: 2m Big Wheel Plans - Again

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 20:46:47 UTC
From: Jim - NN7K <NN7K@NOWAY.NET>
Message-ID: <XgFeh.1697$Gr2.1317@newssvr21.news.prodigy.net>
Source record: 48237

Tom- Took the liberty to send you the article in
.pdf format- 2 pages, but big files- 4 meg each!
Tho looks good on my monitor- any one else want
these,email me at my address-
nn7kexk7zfg@sbcglobal.net Jim

Bob Miller wrote:
> On Fri, 08 Dec 2006 19:38:30 -0600, Tom Ring <news0003@taring.org>
> wrote:
>
>> Ok, let's try this again.
>>
>> I googled for plans. Thanks to those that gave me the results I already
>> found, but they were still useless.
>>
>> One person responded via email, thank you sir.
>>
>> The others wandered off on related subjects, as this list is want
>> (wont?) to do. That is just fine, I have no problem with that, we learn
>> much that way. I hope we get a decent ez file out of it. And whether
>> it shows the impedance change when stacked that the articles speak of.
>>
>> Now, does anyone have any plans with things like dimensions? Other than
>> the original 1961 version, which has to have been tweaked at least a little.
>>
>> Thanks.
>>
>> tom
>> K0TAR
>
> There are two articles at http://6mt.com/2tech.htm and the one I saw
> with my Windows fax viewer has dimensions in inches, and the type can
> be blown up pretty big with the viewer. ??
>
> bob
> k5qwg

3664. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 20:50:47 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <elf7jc$61i$1@aioe.org>
Source record: 48238

Hey!

If it weren't for the tenets, the landlord would need the box!

Regards,
JS

"Scott" <acepilot@bloomer.net> wrote in message
news:dPydnWmEEIcbi-bYnZ2dnUVZ_tPinZ2d@bright.net...
> And if it weren't for landlords, maybe you'd be living in a discarded
> refrigerator box behind Wal Mart?
>
>
>
> Pedro Sanchez wrote:
>
>
>>
>> Landlords suck assholes.
>>

3665. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 20:54:07 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1165697647.431358.209290@16g2000cwy.googlegroups.com>
Source record: 48239

he OP mentioned that the static comes and goes with approaching and receeding rain fronts... Likely he has a significant component of coronal discharge... He may PERHAPS reduce the induced noise a bit with ball on the top of the vertical, a copper float from the toilet works well, or even a nice capacity hat... NOw this is a topic that has been roundly beaten within an inch of it's life on other forums, but perhasps we are bored enough here to go all through it again <groan>

denny / k8do

3666. Re: How does that meter work?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 21:06:38 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <457b255f$0$16151$4fafbaef@reader3.news.tin.it>
Source record: 48240

> Aside from that, there is no need to be concerned about a meter
> reading for a receiver that is turned off. In short, any attempt to
> force a mechanical zero would be negated by the "electrical zero" set
> and S-9 calibration.

Yes, I agree that is in principle there is no need to be concerned about a meter reading for a receiver that is turned off. But I am instead concerned about that, because I like to have all my equipment in perfect order, and a meter that does not stay on its zero when the radio is turned off is something that I dislike and anyway wish to fix.

If I would not have had such requirement, I would not have put the question because it is fairly evident that, when the radio is on, the zero can be adjusted by means of the control indicated in the manual. All old receivers have a zero control for the S-meter.

Moreover, the same problem anyway occurs for the RF output meter of the matching transmitter (Hallicrafters HT44), which is of the same type. But in the HT44 there is no electrical zero adjustment control, so the only way of zeroing the meter is to open it and adjusting it mechanically.

By the way, in the meantime I have found the way of zeroing the meter, so it is no longer an issue.

73

Tony I0JX

3667. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 21:59:40 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165701580.013291.304140@79g2000cws.googlegroups.com>
Source record: 48241

Correct... Everything is known about antennas in America !

Denny wrote:
> he OP mentioned that the static comes and goes with approaching and
> receeding rain fronts... Likely he has a significant component of
> coronal discharge... He may PERHAPS reduce the induced noise a bit
> with ball on the top of the vertical, a copper float from the toilet
> works well, or even a nice capacity hat... NOw this is a topic that
> has been roundly beaten within an inch of it's life on other forums,
> but perhasps we are bored enough here to go all through it again
> <groan>
>
> denny / k8do

3668. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 22:17:42 UTC
From: Brenda Ann <brendad@shinbiro.com>
Message-ID: <elfcj7$m26$1@news2.kornet.net>
Source record: 48242
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

"amdx" <amdx@knology.net> wrote in message
news:15c13$457b066b$45011502$25178@KNOLOGY.NET...
>
> "Pedro Sanchez" <Dr.PedroSanchez@yahoo.com> wrote in message
> news:tlhln21ea8hotjv4bi97eam2vl20v801ff@bbb.org...
>> On Sat, 9 Dec 2006 09:06:20 -0500, "Slow Code" <my.mail@no.spam>
>> wrote:
>>
>>>Hey Steve, does your landlord let you put up an antenna? Mine won't. :-((
>>
>> Shove those antenna up the landlords ass. Ask him if he would rather
>> have the antenna in the air or up his ass. If he says he wants it up
>> his ass then break it off for him.
>>
>> Landlords suck assholes.
>>
> Gee, maybe you should save your money and buy your OWN home,
> then you can do what you want with it.

This is increasingly becoming a pipe dream, as more and more neighborhoods put together ******* CCA's or whatever they call them this week, and dictate what color paint you can have on your home, what sort of topiary, and countless other minutia. Covenant communities should be outlawed. Whatever happened to a man's home being his castle (i.e. personal property rights)?

3669. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 22:24:49 UTC
From: "J. Mc Laughlin" <jcm@power-net.net>
Message-ID: <12nmdprsmqco10d@corp.supernews.com>
Source record: 48243

This topic tends to be provocative. You have heard/read everyone's opinions/measurements in the past.

What is interesting in F5VJC's account is that the vertical is surrounded by what may be a good insulator. Additional information that will be of interest includes:
1. What is in the vicinity of the antenna? How far from exposed conductors, house, barn, trees, and such. Are objects within ten wavelengths higher than the antenna?
2. Are guy wires used to support the antenna?

Some contend that P-noise exists and some contend that it does not exist associated with fixed antennas. F5VJC might be able to add a data point.

73 Mac N8TT

--
J. Mc Laughlin; Michigan U.S.A.
Home: JCM@Power-Net.Net
"Denny" <k8do@mailblocks.com> wrote in message
news:1165697647.431358.209290@16g2000cwy.googlegroups.com...
> he OP mentioned that the static comes and goes with approaching and
> receeding rain fronts... Likely he has a significant component of
> coronal discharge... He may PERHAPS reduce the induced noise a bit
> with ball on the top of the vertical, a copper float from the toilet
> works well, or even a nice capacity hat... NOw this is a topic that
> has been roundly beaten within an inch of it's life on other forums,
> but perhasps we are bored enough here to go all through it again
> <groan>
>
> denny / k8do
>

3670. Re: Antenex 900mhz base/repeater antenna NIB

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 22:27:01 UTC
From: Porgy Tirebiter <biteme@gmail.com>
Message-ID: <VKGeh.6166$hl.42@newssvr11.news.prodigy.net>
Source record: 48244
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna,rec.radio.swap

"Thanks......." <pottsladd13@yahoo.com> wrote in message
news:OUpeh.65$Et5.30@trndny07...
> Well I appreciate your "expert" opinions.
> So next time I see you post an item I'll be sure to give my opinions of
> your gear in return.
>
So maybe next time you don't post your GOD DAMN AD in a newsgroup?
Pretty stupid thing to do, people don't want to read your for sales ads
anyways.

And he is right...ANTENEX is complete garbage! Overpriced poorly performing
junk for Governments that don't know any better.They will buy ANYTHING
for crazy prices.

3671. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 22:29:46 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <rpCdnZCVN8tHpebYnZ2dnUVZ_r-onZ2d@comcast.com>
Source record: 48245

John, at 60 Hz a horizontal wire carrying current has a very strong magnetic field. The 'right hand rule' indicates the magnetic field, a near field effect, is vertically polarized.

My 60 meter horizontal is quiet. My 60 meter vertical, about 30 feet from the horizontal, has a good S4 noise level on the same radio at the same time.

John Smith wrote:
> Dave wrote:
>
>> ...
>>
>> Most all verticals have higher noise levels than horizontal antennas.
>> Reason, as it is reported, is that man made noise is vertically
>> polarized.
>>
>
> Dave:
>
> Frankly, I think that the statement, "most man made noise is vertical
> polarized" is a myth. How many power lines do you see running
> vertically? How many extension cords do you see running vertically? How
> many phone lines do you see running vertically? Etc, etc.
>
> I think this needs looked at in a new light. Now most 160m antennas are
> easier to construct for horizontal operation--perhaps this is where the
> myth got started?
>
> Regards,
> JS

3672. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 23:20:00 UTC
From: Dave <noone@nowhere.com>
Message-ID: <Hvednaj5n_Iy2ebYnZ2dnUVZ_sGqnZ2d@crocker.com>
Source record: 48246
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

```
"Brenda Ann" <brendad@shinbiro.com> wrote in message
news:elfcj7$m26$1@news2.kornet.net...
> "amdx" <amdx@knology.net> wrote in message
> news:15c13$457b066b$45011502$25178@KNOLOGY.NET...
>>
>> "Pedro Sanchez" <Dr.PedroSanchez@yahoo.com> wrote in message
>> news:tlhln21ea8hotjv4bi97eam2vl20v801ff@bbb.org...
>>> On Sat, 9 Dec 2006 09:06:20 -0500, "Slow Code" <my.mail@no.spam>
>>> wrote:
>>>
>>>>Hey Steve, does your landlord let you put up an antenna? Mine won't.
>>>>:-((
>>>
>>> Shove those antenna up the landlords ass. Ask him if he would rather
>>> have the antenna in the air or up his ass. If he says he wants it up
>>> his ass then break it off for him.
>>>
>>> Landlords suck assholes.
>>>
>> Gee, maybe you should save your money and buy your OWN home,
>> then you can do what you want with it.
>
> This is increasingly becoming a pipe dream, as more and more neighborhoods
> put together ******* CCA's or whatever they call them this week, and
> dictate what color paint you can have on your home, what sort of topiary,
> and countless other minutia. Covenant communities should be outlawed.
> Whatever happened to a man's home being his castle (i.e. personal property
> rights)?
>
out here in the great hinterland... more than an hour drive from any of the
great 'blue' cities. you can still find land that is wild and free, where
neighbors help you put up towers instead of putting them down, and the big
question at a zoning bylaw hearing is if the new bylaw is meant to stop
celular companies from coming into town... the question was asked because
the person didn't want the bylaw to slow them down, because they couldn't
get service now and wanted it!
```

3673. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-09 23:38:15 UTC
From: amdx <amdx@knology.net>
Message-ID: <2d598$457b48c6$45011502$30405@KNOLOGY.NET>
Source record: 48247

"John Smith" <assemblywizard@gmail.com> wrote in message
news:elf7jc$61i$1@aioe.org...
> Hey!
>
> If it weren't for the tenets, the landlord would need the box!
>
No, the landlord would still invest the money he earned, paid taxes on,
paid taxes again in the form of, sales tax, gasoline tax, property tax,
telephone tax, cable tv tax, then managed to (chose to) save.
He would just chose a different investment vehicle. Don't fret
he wouldn't need a box to live in. The landlord would still be a saver,
an investor and not live paycheck to paycheck.
Mike
> Regards,
> JS
>
> "Scott" <acepilot@bloomer.net> wrote in message
> news:dPydnWmEEIcbi-bYnZ2dnUVZ_tPinZ2d@bright.net...
>> And if it weren't for landlords, maybe you'd be living in a discarded
>> refrigerator box behind Wal Mart?
>>
>>
>>
>> Pedro Sanchez wrote:
>>
>>
>>>
>>> Landlords suck assholes.
>>>
>
>

3674. 30 helpful hints to help new and No-code hams. Monthly post.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 00:52:53 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <FTIeh.8313$sf5.5152@newsread4.news.pas.earthlink.net>
Source record: 48248
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.policy

The 30 Steps below will help all No-Code Hams, it will also help you to find others just like yourself. These 30 steps should also be added to the present writtens.

Step One: Use as many "Q" signals as possible. Yes, I know they were invented solely for CW and are totally inappropriate for two meter FM, but they are fun and entertaining. They keep people guessing as to what you really meant. I.E. "I'm going to QSY to the phone." Can you really change frequencies to the phone? QSL used to mean, "I am acknowledging receipt", but now it appears to mean, "yes" or "OK". I guess I missed it when the ARRL changed the meaning. It is also best to use "OK" and "QSL" together. Redundancy is the better part of Lid-dom.

Step Two: Never laugh when you can say "HI HI". No one will ever know you aren't a long time CW rag-chewer if you don't tell them. They'll think you've been on since the days of Marconi.

Step Three: Utilize an alternative vocabulary. Use words like "destinated" and "negatory". It's OK to make up your own words here. I.E. "Yeah Tom, I "pheelbart zaphonix" occasionally myself."

Step Four: Always say "XX4XXX" (Insert your own call) "for I.D." As mentioned in Step One, anything that creates redundancy is always encouraged. That's why we have the Department of Redundancy Department. (Please note that you can follow your call with "for identification purposes" instead of "for I.D." While taking longer to say, it is worth more "LID points".

Step Five: The better the copy on two meter FM, the more you should use phonetics. Names should be especially used if they are short or common ones. I.E. "My name is Al... Alpha Lima" or "Jack.. Juliet Alpha Charlie Kilo." If at all possible use the less common HF phonetics "A4SM... America, Number Four, Sugar Mexico." And for maximum "LID points", make up unintelligible phonetics. "My name is Bob... Billibong Oregano Bumperpool."

Step Six: Always give the calls of yourself and everyone who is (or has been) in the group, whether they are still there or not. While this has been unnecessary for years, it is still a great memory test. You may also use "and the group" if you are an "old timer" or just have a bad memory. Extra points for saying everyone's call and then clearing in a silly way "K2PKK, Chow, Chow."

Step Seven: Whenever possible, use the wrong terminology. It keeps people guessing. Use "modulation" when you mean "deviation", and vice-versa.

Step Eight: If someone asks for a break, always finish your turn, taking as long as possible before turning it over. Whenever possible, pass it around a few times first. This will discourage the breaker, and if it is an emergency, encourage him to switch to another repeater and not bother you.

Step Nine: Always ask involved questions of the person who is trying to sign out. Never let him get by with just a "yes" or "no" answer. Make it a question that will take him a long time to answer.

Step Ten: The less you know on a subject, the more you should speculate about it in the roundtable. Also the amount of time you spend on the subject should be inversely proportionate to your knowledge of the subject even though you have no damn clue.

Step Eleven: Always make sure you try to communicate with only a handheld and a rubber duck antenna. Also, make sure you work through a repeater that you can hear very well, but it cannot hear you. This will put out a kind of "LID mating call": "Well, Joe, I can hear the repeater just fine here. I wonder why it can't hear me?" You will score maximum LID points if you are mobile, and with the radio lying in the passenger seat.

Step Twelve: If you hear two amateurs start a conversation, wait until they are twenty seconds into their contact, and then break in to make a call, or better yet to use the auto-patch. Make sure you keep the repeater tied up for at least three minutes. This way, once the two have re-established contact, they won't even remember what they were talking about.

Step Thirteen: You hear someone on the repeater giving directions to a visiting amateur. Even if the directions are good, make sure you break in with your own "alternate route but better way to get there" version. This is most effective with several other "would-be LIDs", each giving a different route. By the time the visiting amateur unscrambles all the street names whizzing by in his mind, he should have moved out of the range of the repeater. This keeps you from having to stick around to help the guy get back out of town, later.

Step Fourteen: If an annoying station is bothering you, make sure your other "LID" buddies have a "coded" frequency list. Even though "CODES" are strictly forbidden on Amateur Radio, it's really neat to practice "James Bond" tactics.

Step Fifteen: Always use the National Calling Frequency for general conversations. The more uninteresting, the longer you should use it. Extra points are awarded if you have recently move from an adjacent frequency for no reason. Make sure when DX is "rolling" in on 52.525 that you hang out there and talk to your friends five miles down the road about the good old CB days!

Step Sixteen: Make sure that if you have a personal problem with someone, you should voice your opinion in a public forum, especially a net. Make sure you give their name, call, and any other identifying remarks. For maximum points, make sure the person in question is not on the repeater,

or not available.

Step Seventeen: Make sure you say the first few words of each transmission twice, especially if it is the same thing each time. Like "roger, roger" or "fine business, fine business". I cannot stress enough about encouraging redundancy.

Step Eighteen: If you hear a conversation on a local repeater, break in and ask how each station is receiving you. Of course they will only see the signal of the repeater you are using, but it's that magic moment when you can find a fellow "LID", and get the report. Extra points are awarded if you are using a base station, and the repeater is less than twenty-five air miles from you.

Step Nineteen: Use the repeater for an hour or two at a time, preventing others from using it. Better yet, do it on a daily basis. Your quest is to make people so sick of hearing your voice every time they turn on their radio, they'll move to another frequency. This way you'll lighten the load on the repeater, leaving even more time for you to talk on it.

Step Twenty: See just how much flutter you can generate by operating at handheld power levels too far away from the repeater. Engage people in conversations when you know they wont be able to copy half of what your saying. Even when they say your uncopyable, continue to string them along by making further transmissions. See just how frustrated you can make the other amateur before he finally signs off in disgust.

Step Twenty One: Use lots of radio jargon. After all, it makes you feel important using words ordinary people don't say. Who cares if it makes you sound like you just fell off Channel 19 on the citizen's Band? Use phrases such as "Roger on that", "10-4", "I'm on the side", "Your making the trip" and "Negatory on that".

Step Twenty Two: Use excessive microphone gain. See just how loud you can make your audio. Make sure the audio gain is so high that other amateurs can hear any bugs crawling on your floor. If mobile, make sure the wind noise is loud enough that others have to strain to pick your words out from all the racket.

Step Twenty Three: Start every transmission with the word "Roger" or "QSL". Sure, you don't need to acknowledge that you received the other transmission in full. After all, you would simply ask for a repeat if you missed something. But consider it your gift to the other amateur to give him solace every few seconds that his transmissions are being received.

Step Twenty Four: When looking for a contact on a repeater, always say your "listening" or "monitoring" multiple times. I've always found that at least a half dozen times or so is good. Repeating your multiple "listening" ID's every 10 to 15 seconds is even better. Those people who didn't want to talk to you will eventually call you, hoping you'll go away after you have finally made a contact.

Step Twenty Five: Always use a repeater, even if you can work the other station easily on simplex ... especially if you can make the contact on simplex. The coverage of the repeater you use should be inversely proportional to your distance from the other station.

Step Twenty Six: When on repeaters using courtesy tones, you should always say "over". Courtesy tones are designed to let everyone know when you have unkeyed but don't let that stop you. Say "over", "back to you" or "go ahead". It serves no useful purpose but don't worry, it's still fun!

Step Twenty Seven: Use the repeater's autopatch for frivolous routine calls... especially during morning or evening commute times. While pulling into the neighborhood, call home to let them know you'll be there in two minutes.... or, call your spouse to complain about the bad day you had at work. After all, the club has "measured rate" service on their phone line so they get charged for each autopatch call. Your endeavor is to make so many patches in a year that you cost the club at least $20 in phone bills. That way you'll feel you got your money's worth for your dues!

Step Twenty Eight: Never say "My name is ....." It makes you sound human. If at all possible, use one of the following phrases: a) "The personal here is ..." b) "The handle here is..."

Step Twenty Nine: Use "73" and "88" incorrectly. Both are already considered plural, but add a "s" to the end anyway. Say "73's" or "88's". Who cares if it means "best regards" and "love and kisses." Better yet, say "seventy thirds"! (By the way, seventy thirds equals about 23.3).

Step Thirty: If the repeater is off the air for service, complain about the fact that it was off the air as soon as it's turned back on. Act as though your entire day has been ruined because the repeater wasn't available when you wanted to use it. Even thought you have never paid a penny to help out with the upkeep of it.

3675. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 00:53:04 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <QTIeh.8322$sf5.929@newsread4.news.pas.earthlink.net>
Source record: 48249
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

"Slow Code" <my.mail@no.spam> wrote in
news:457ac2e4$0$3876$6c4959f3@news.easynews.nl:

>
> <k4yz_01@yahoo.com> wrote in message
> news:1165588304.895841.210490@79g2000cws.googlegroups.com...
>>
>> Mark@kb9rqz.aprs wrote:
>>> On 1 Dec 2006 02:12:02 -0800, "K4YZ" <stevenrobeson@aol.com> wrote:
>>> >Mark@kb9rqz.aprs wrote:
>>> >> apearntly not
>>> >
>>> > What's "apparent" is your incompetence with the English language,
>>> >fatboy.
>>> >
>>> >> you have spent 8 years harrassing bascial for daring to be
>>> >> different than you
>>> >
>>> > No, I've been rubbing your nose in your lying and misconduct.
>>> >
>>> > Even yoiu admit to the legal investigations being conducted
>>> >against you, yet you act as if it's my fault...Stop being an abusing
>>> >deviate and the cops will go away...Maybe you won't have to keep
>>> >trying to move farther and farther away to avoid the long arm of the
>>> >law.
>>>
>>> steve their are investgatons because you by you own admission made
>>> complaints to various agentcies
>>
>> Morkie, those "investgations" occured due to some reason OTHER than
>> me filing a complaint, and they started WAAAAAAAAAAAAY before I even
>> knew you existed.
>>
>> I FOUND THE EVIDENCE OF YOU BEING INVESTIGATED AND THREW IT OUT FOR
>> YOU TO BITE ON!
>>
>> You couldn't resist! HOOK LINE AND SINKER!
>>
>> Just like "Slow Code" said...YOU CAN'T HELP YOURSELF!
>>
>> Your own propensity to let your ego overrun your common sense
>> "outted" you, fatboy!
>>

>> You keep doing it to yourself...over and over and over and
>> over.....
>>
>> Idiot.
>>
>> Steve, K4YZ
>>
>>
> Hey Steve, does your landlord let you put up an antenna? Mine won't.
> :-((

My landlord was a no-code ham and he didn't want me to have an antenna because he didn't want me to have fun making CW contacts, so I slapped the shit out of him and now I have a 5 element tri-bander up 100 feet and I made him pay for it. I told him I'm not paying anymore rent until he learns CW, so I got him learning code now too.

SC

3676. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 01:04:15 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <j2Jeh.853$yC5.419@newssvr27.news.prodigy.net>
Source record: 48250

Denny wrote:
> he OP mentioned that the static comes and goes with approaching and
> receeding rain fronts... Likely he has a significant component of
> coronal discharge... He may PERHAPS reduce the induced noise a bit
> with ball on the top of the vertical, a copper float from the toilet
> works well, or even a nice capacity hat... NOw this is a topic that
> has been roundly beaten within an inch of it's life on other forums,
> but perhasps we are bored enough here to go all through it again
> <groan>

The heated part of the discussion was because of
the assertion that precipitation static does not
exist. One only need do a web search for "precipitation
static" to see that it is an accepted, well known, well
defined physical phenomenon.
--
73, Cecil http://www.w5dxp.com

3677. Re: Big Wheel plans

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 01:05:11 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <457b5d48$0$1014$39cecf19@news.twtelecom.net>
Source record: 48251

Cecil Moore wrote:

> Tom Ring wrote:
>
>> I sure wish I had a copy of the 1972 VHF Manual.
>
>
> Tom, I've got that one. Big Wheel is on page 198.
> What do you need to know?

I'd like a copy of those pages if you could have the ability of scanning
them.

Thanks.

tom
K0TAR

3678. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 01:05:54 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <S3Jeh.854$yC5.377@newssvr27.news.prodigy.net>
Source record: 48252
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

Brenda Ann wrote:
> Covenant communities should be outlawed.

Actually, all that is needed is for consumers to
reject covenant communities, as I have always
done.
--
73, Cecil http://www.w5dxp.com

3679. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 01:12:01 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <B9Jeh.858$yC5.725@newssvr27.news.prodigy.net>
Source record: 48253

J. Mc Laughlin wrote:
> Some contend that P-noise exists and some contend that it does not exist
> associated with fixed antennas. F5VJC might be able to add a data point.

Don't know about his static problems but it seems
to me that it doesn't make much difference whether
the antenna is moving or the charged particle stream
is moving. It's all relative. :-)
--
73, Cecil http://www.w5dxp.com

3680. Re: Big Wheel plans

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 01:16:31 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <PdJeh.859$yC5.372@newssvr27.news.prodigy.net>
Source record: 48254

Tom Ring wrote:
> I'd like a copy of those pages if you could have the ability of scanning
> them.

Is your newsgroup taring.org email address valid?
--
73, Cecil http://www.w5dxp.com

3681. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 01:24:44 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <elfnl0cqu1@aioe.org>
Source record: 48255

amdx wrote:

Hmmm. You are quite right. What was I thinking, indeed, you may be a landlord yourself, if so, Pedro's idea was the best, I have seen the light and repented. OHH LORD!

JS

3682. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 01:30:18 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <elfnvecqu2@aioe.org>
Source record: 48256

Dave wrote:
> ...

Dave:

Krist! Turn off the 60 hz receiver you silly duck! That right hand rotation is, most likely, making you dizzy!

JS

3683. Re: Big Wheel plans

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 01:43:02 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <457b6626$0$1010$39cecf19@news.twtelecom.net>
Source record: 48257

Cecil Moore wrote:
> Tom Ring wrote:
>
>> I'd like a copy of those pages if you could have the ability of
>> scanning them.
>
>
> Is your newsgroup taring.org email address valid?

Yes, but zip the files them or they won't get here.

Also send me a regular email with no attachments, and I'll give you an
alternate address in case the system eats the zip, too.

tom
K0TAR

3684. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 01:46:27 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <od-dnefaeKZo--bYnZ2dnUVZ_qmpnZ2d@bright.net>
Source record: 48258
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

That went away with all the other rights such as the right to use a telephone without fear of the government listening in (without a court order) and losing your pilot license if a neighbor gets pissed at you for something and calls homeland security and says you're a threat (no due process in that case, they just automatically yank it I'm told). Very sad to see such abuse of power. I think everyone should vote every elected official out at the next opportunity. Let's start with a clean slate and make the lousy reps get regular jobs like the rest of us.

Scott

Brenda Ann wrote:

>
>
Whatever
> happened to a man's home being his castle (i.e. personal property rights)?
>
>
>

3685. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 01:48:59 UTC
From: dxAce <dxAce@milestones.com>
Message-ID: <457B678B.D861D2C0@milestones.com>
Source record: 48259
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.amateur.antenna

Scott wrote:

> That went away with all the other rights such as the right to use a
> telephone without fear of the government listening in (without a court
> order) and losing your pilot license if a neighbor gets pissed at you
> for something and calls homeland security and says you're a threat (no
> due process in that case, they just automatically yank it I'm told).
> Very sad to see such abuse of power. I think everyone should vote every
> elected official out at the next opportunity. Let's start with a clean
> slate and make the lousy reps get regular jobs like the rest of us.

You're full of shit.

dxAce
Michigan
USA

3686. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 01:53:18 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <WNqdnYnFGZoT9ebYnZ2dnUVZ_qninZ2d@bright.net>
Source record: 48260
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

Yeah, I believe THAT one ;) I don't know any landlords that would be
scared of you and fall for that crap. When I was a landlord, that
wouldn't fly. No rent check? Get that refrigerator box and set up
behind Wal Mart you lowlife slug.

>
>
> My landlord was a no-code ham and he didn't want me to have an antenna
> because he didn't want me to have fun making CW contacts, so I slapped the
> shit out of him and now I have a 5 element tri-bander up 100 feet and I
> made him pay for it. I told him I'm not paying anymore rent until he
> learns CW, so I got him learning code now too.
>
> SC

3687. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 02:01:22 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <UdSdnbWpOKTo9-bYnZ2dnUVZ_ternZ2d@bright.net>
Source record: 48261
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.amateur.antenna

I know I am. What's that got to do with my opinion that I stated?
And people like you (I assume you say I'm full of shit for wanting to
vote out deadbeats) keep voting the useless crumbs back into office,
year after year. I will clarify a bit though...yes you still have a
right to own your own home. You just might not be able to use it for
what you want (does Michigan require land use permits?) If I want to
put a private use runway on my property I have to get a permit and the
county sends letters to all adjoining property owners to see if there
are objections. To me, my airplane is a recreational vehicle. Why
doesn't the county send me a letter to see if I object to neighbors
using THEIR recreational vehicles (snowmobiles, ATV, etc.) running them
up and down behind my house at 2AM when the bars let out?

Scott

dxAce wrote:

>
> Scott wrote:
>
>
>>That went away with all the other rights such as the right to use a
>>telephone without fear of the government listening in (without a court
>>order) and losing your pilot license if a neighbor gets pissed at you
>>for something and calls homeland security and says you're a threat (no
>>due process in that case, they just automatically yank it I'm told).
>>Very sad to see such abuse of power. I think everyone should vote every
>>elected official out at the next opportunity. Let's start with a clean
>>slate and make the lousy reps get regular jobs like the rest of us.
>
>
> You're full of shit.
>
> dxAce
> Michigan
> USA
>
>

3688. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 02:18:18 UTC
From: "Dr.Ace" <Ace@WH2T.com>
Message-ID: <3bf53$457b6e47$4e0b10a$20506@DIALUPUSA.NET>
Source record: 48262
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

"Brenda Ann" <brendad@shinbiro.com> wrote in message
news:elfcj7$m26$1@news2.kornet.net...
> "amdx" <amdx@knology.net> wrote in message
> news:15c13$457b066b$45011502$25178@KNOLOGY.NET...
>>
>> "Pedro Sanchez" <Dr.PedroSanchez@yahoo.com> wrote in message
>> news:tlhln21ea8hotjv4bi97eam2vl20v801ff@bbb.org...
>>> On Sat, 9 Dec 2006 09:06:20 -0500, "Slow Code" <my.mail@no.spam>
>>> wrote:
>>>
>>>>Hey Steve, does your landlord let you put up an antenna? Mine won't.
>>>>:-((
>>>
>>> Shove those antenna up the landlords ass. Ask him if he would rather
>>> have the antenna in the air or up his ass. If he says he wants it up
>>> his ass then break it off for him.
>>>
>>> Landlords suck assholes.
>>>
>> Gee, maybe you should save your money and buy your OWN home,
>> then you can do what you want with it.
>
> This is increasingly becoming a pipe dream, as more and more neighborhoods
> put together ******* CCA's or whatever they call them this week, and
> dictate what color paint you can have on your home, what sort of topiary,
> and countless other minutia. Covenant communities should be outlawed.
> Whatever happened to a man's home being his castle (i.e. personal property
> rights)?
>
>
>
It's called contract law. Two or more parties agree to exchange
something of value and usually there are other stipulations the parties
agree to. I would never agree to a CCA . My home is my castle.
Ace - WH2T
"Live free or die."

3689. Anyone in the market for a tower??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 02:27:28 UTC
From: Plastic Man <JOHN@CLINEDOORS.COM>
Message-ID: <1165717648.912249.54890@80g2000cwy.googlegroups.com>
Source record: 48263

I havea 3 piece galvanized unit consisting of 20 ft. tall crank actuated pivoting tower section, 20 ft. tall center crank-up pole and pivot post. Unit goes from 40 ft. vertical to 5 ft parallel to the ground in 15 mins. This unit is complete and ready to use - just add antenna. Local delivery available. Tampa/St.Pete to Venice, FL $350.00 OBO Pics avail.

3690. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 02:35:01 UTC
From: "Dr.Ace" <Ace@WH2T.com>
Message-ID: <3b1c3$457b723a$4fc5d3e$20592@DIALUPUSA.NET>
Source record: 48264
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

```
"Dave" <noone@nowhere.com> wrote in message
news:Hvednaj5n_Iy2ebYnZ2dnUVZ_sGqnZ2d@crocker.com...
>
> "Brenda Ann" <brendad@shinbiro.com> wrote in message
> news:elfcj7$m26$1@news2.kornet.net...
>> "amdx" <amdx@knology.net> wrote in message
>> news:15c13$457b066b$45011502$25178@KNOLOGY.NET...
>>>
>>> "Pedro Sanchez" <Dr.PedroSanchez@yahoo.com> wrote in message
>>> news:tlhln21ea8hotjv4bi97eam2vl20v801ff@bbb.org...
>>>> On Sat, 9 Dec 2006 09:06:20 -0500, "Slow Code" <my.mail@no.spam>
>>>> wrote:
>>>>
>>>>>Hey Steve, does your landlord let you put up an antenna? Mine won't.
>>>>>:-((
>>>>
>>>> Shove those antenna up the landlords ass. Ask him if he would rather
>>>> have the antenna in the air or up his ass. If he says he wants it up
>>>> his ass then break it off for him.
>>>>
>>>> Landlords suck assholes.
>>>>
>>> Gee, maybe you should save your money and buy your OWN home,
>>> then you can do what you want with it.
>>
>> This is increasingly becoming a pipe dream, as more and more
>> neighborhoods put together ******* CCA's or whatever they call them this
>> week, and dictate what color paint you can have on your home, what sort
>> of topiary, and countless other minutia. Covenant communities should be
>> outlawed. Whatever happened to a man's home being his castle (i.e.
>> personal property rights)?
>>
> out here in the great hinterland... more than an hour drive from any of
> the great 'blue' cities. you can still find land that is wild and free,
> where neighbors help you put up towers instead of putting them down, and
> the big question at a zoning bylaw hearing is if the new bylaw is meant to
> stop celular companies from coming into town... the question was asked
> because the person didn't want the bylaw to slow them down, because they
> couldn't get service now and wanted it!
>
>
>
I choose to live far enough out that I can pretty much do as I please . I
```

can fire a gun , or whatever in my front yard and no nosy neighbor is going to call the police. Also I don't need to ask permission or get a zoning variance to erect an antenna . I lived in town for 12 years . Never again . Ace - WH2T

Everyone starts out ignorant. It is only through time, experience, and making mistakes that people develop knowledge.

3691. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 02:39:25 UTC
From: "Dr.Ace" <Ace@WH2T.com>
Message-ID: <4db2b$457b7343$4fc5d3e$20613@DIALUPUSA.NET>
Source record: 48265
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:S3Jeh.854$yC5.377@newssvr27.news.prodigy.net...
> Brenda Ann wrote:
>> Covenant communities should be outlawed.
>
> Actually, all that is needed is for consumers to
> reject covenant communities, as I have always
> done.
> --
> 73, Cecil http://www.w5dxp.com

Cecil is correct . The economic laws of supply and demand dictate that when consumers wise up and refuse to give up their liberties, covenant communities will be as obsolete as the horse and buggy.
Ace - WH2T

P.S. I read about the evils of drinking,

So I gave up reading.

3692. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 02:42:41 UTC
From: "Dr.Ace" <Ace@WH2T.com>
Message-ID: <64aa9$457b7402$4fc5d3e$20634@DIALUPUSA.NET>
Source record: 48266
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

"Scott" <acepilot@bloomer.net> wrote in message
news:od-dnefaeKZo--bYnZ2dnUVZ_qmpnZ2d@bright.net...
> That went away with all the other rights such as the right to use a
> telephone without fear of the government listening in (without a court
> order) and losing your pilot license if a neighbor gets pissed at you for
> something and calls homeland security and says you're a threat (no due
> process in that case, they just automatically yank it I'm told). Very sad
> to see such abuse of power. I think everyone should vote every elected
> official out at the next opportunity. Let's start with a clean slate and
> make the lousy reps get regular jobs like the rest of us.
>
> Scott
>
>
> Brenda Ann wrote:
>
>>
>>
> Whatever
>> happened to a man's home being his castle (i.e. personal property
>> rights)?
>>
>>

"They that give up essential liberty to obtain a little temporary
safety deserve neither liberty nor safety." Benjamin Franklin

Government is not reason. Government is not eloquence. It is force. And,
like fire, it is a dangerous servant and a fearful master.

-George Washington

"You have rights antecedent to all earthly governments; rights that cannot
be repealed or restrained by human laws; rights derived from the Great
Legislator of the Universe."

-John Adams.

Need I say more ?

Ace - www.WH2T.com

3693. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 02:51:57 UTC
From: "Dr.Ace" <Ace@WH2T.com>
Message-ID: <eea07$457b77e1$4fc5d3e$20704@DIALUPUSA.NET>
Source record: 48267
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.amateur.antenna

> dxAce wrote:
>
>>
>> Scott wrote:
>>
>>
>>>That went away with all the other rights such as the right to use a
>>>telephone without fear of the government listening in (without a court
>>>order) and losing your pilot license if a neighbor gets pissed at you
>>>for something and calls homeland security and says you're a threat (no
>>>due process in that case, they just automatically yank it I'm told).
>>>Very sad to see such abuse of power. I think everyone should vote every
>>>elected official out at the next opportunity. Let's start with a clean
>>>slate and make the lousy reps get regular jobs like the rest of us.
>>
>>
>> You're full of shit.
>>
>> dxAce
>> Michigan
>> USA
>>

"Scott" <acepilot@bloomer.net> wrote in message
news:UdSdnbWpOKTo9-bYnZ2dnUVZ_ternZ2d@bright.net...
>I know I am. What's that got to do with my opinion that I stated? And
>people like you (I assume you say I'm full of shit for wanting to vote out
>deadbeats) keep voting the useless crumbs back into office, year after
>year. I will clarify a bit though...yes you still have a right to own your
>own home. You just might not be able to use it for what you want (does
>Michigan require land use permits?) If I want to put a private use runway
>on my property I have to get a permit and the county sends letters to all
>adjoining property owners to see if there are objections. To me, my
>airplane is a recreational vehicle. Why doesn't the county send me a
>letter to see if I object to neighbors using THEIR recreational vehicles
>(snowmobiles, ATV, etc.) running them up and down behind my house at 2AM
>when the bars let out?
>
> Scott
>
>
Scott,
I agree with you . I bet "dxAce" is so full of it he has brown eyes .

Non illigitamus carborundum .
Ace - www.WH2T.com

3694. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 04:05:55 UTC
From: Mark@kb9rqz.aprs
Message-ID: <br1nn2t6otl2o49sklqdq326cl02nv78pp@4ax.com>
Source record: 48268
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

On Sat, 9 Dec 2006 23:20:00 -0000, "Dave" <noone@nowhere.com> wrote:

>
>"Brenda Ann" <brendad@shinbiro.com> wrote in message
>news:elfcj7$m26$1@news2.kornet.net...
>> "amdx" <amdx@knology.net> wrote in message
>> news:15c13$457b066b$45011502$25178@KNOLOGY.NET...
>>>
>>> "Pedro Sanchez" <Dr.PedroSanchez@yahoo.com> wrote in message
>>> news:tlhln21ea8hotjv4bi97eam2vl20v801ff@bbb.org...
>>>> On Sat, 9 Dec 2006 09:06:20 -0500, "Slow Code" <my.mail@no.spam>
>>>> wrote:
>>>>
>>>>>Hey Steve, does your landlord let you put up an antenna? Mine won't.
>>>>>:-((
>>>>
>>>> Shove those antenna up the landlords ass. Ask him if he would rather
>>>> have the antenna in the air or up his ass. If he says he wants it up
>>>> his ass then break it off for him.
>>>>
>>>> Landlords suck assholes.
>>>>
>>> Gee, maybe you should save your money and buy your OWN home,
>>> then you can do what you want with it.
>>
>> This is increasingly becoming a pipe dream, as more and more neighborhoods
>> put together ******* CCA's or whatever they call them this week, and
>> dictate what color paint you can have on your home, what sort of topiary,
>> and countless other minutia. Covenant communities should be outlawed.
>> Whatever happened to a man's home being his castle (i.e. personal property
>> rights)?
>>
>out here in the great hinterland... more than an hour drive from any of the
>great 'blue' cities. you can still find land that is wild and free, where
>neighbors help you put up towers instead of putting them down,

indeed ti that is why I live where I do nowhere else I can own
outright 58 acres of forest and a smal house
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3695. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 04:12:02 UTC
From: Mark@kb9rqz.aprs
Message-ID: <d72nn29m5lfqimb5dbe7upqqt0l59vur64@4ax.com>
Source record: 48269
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.policy

On Sun, 10 Dec 2006 00:52:53 GMT, Slow Code <my.mail@no.spam> wrote:

>The 30 Steps below will help all No-Code Hams, it will also help you to

could you at least find some fresh troll biat this stuff stinks pretty
bad
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3696. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 05:04:13 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <Q-mdnTZ2aofSCObYnZ2dnUVZ_qyjnZ2d@bright.net>
Source record: 48270
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.amateur.antenna

Thanks Ace...

I guess one of my buttons got pushed...I just think it's such a shame
that people in general (and I'm guilty of it too) just look the other
way at "bad government" and let elected officials get away with the
stuff they do. I mean, how many of us would get to break laws at work
and not get fired? MAYBE government would get better if elected
officials actually feared voters? 2 cents worth...

Scott

> "Scott" <acepilot@bloomer.net> wrote in message
> news:UdSdnbWpOKTo9-bYnZ2dnUVZ_ternZ2d@bright.net...
>
>>I know I am. What's that got to do with my opinion that I stated? And
>>people like you (I assume you say I'm full of shit for wanting to vote out
>>deadbeats) keep voting the useless crumbs back into office, year after
>>year. I will clarify a bit though...yes you still have a right to own your
>>own home. You just might not be able to use it for what you want (does
>>Michigan require land use permits?) If I want to put a private use runway
>>on my property I have to get a permit and the county sends letters to all
>>adjoining property owners to see if there are objections. To me, my
>>airplane is a recreational vehicle. Why doesn't the county send me a
>>letter to see if I object to neighbors using THEIR recreational vehicles
>>(snowmobiles, ATV, etc.) running them up and down behind my house at 2AM
>>when the bars let out?
>>
>>Scott
>>
>>
>
> Scott,
> I agree with you . I bet "dxAce" is so full of it he has brown eyes .
> Non illigitamus carborundum .
> Ace - www.WH2T.com
>
>
>

3697. ~~~~~~~ Wet T Shirt Contest ~~~~~~~~

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 06:25:37 UTC
From: "google98.email10@blogger.com" <google98.email10@blogger.com>
Message-ID: <1165731937.304716.311540@80g2000cwy.googlegroups.com>
Source record: 48271

~~~~~~~ Wet T Shirt Contest ~~~~~~~~

Free Download
http://russianlove69.blogspot.com/2006/12/school-loan-consolitdation.html
- *** TOTALLY NAKED !!!! *** who says you have to be legal age to take
it all off. These girls have huge bazooms.

All Videos are free for download.
~~~~~~~

3698. Material of wire: does it affect a loop antenna's performance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 10:31:04 UTC
From: ungvichian <ungvichian@thaimail.com>
Message-ID: <1165746664.593222.276130@80g2000cwy.googlegroups.com>
Source record: 48272

So, I want to make a loop antenna for AM, and I'd like to ask a question that I guess must have been asked time and time again: Does the material used to make the wire (copper, steel, aluminum) affect the inductance of the loop?

3699. Re: Material of wire: does it affect a loop antenna's performance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 11:59:23 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <vESeh.4421$Ga1.2505@newssvr12.news.prodigy.net>
Source record: 48273

ungvichian wrote:
> So, I want to make a loop antenna for AM, and I'd like to ask a
> question that I guess must have been asked time and time again: Does
> the material used to make the wire (copper, steel, aluminum) affect the
> inductance of the loop?

It affects the Q more than the inductance. Stainless
steel 75m mobile loading coils have been measured
to be 4+ dB down from a copper coil. If you want
a really efficient AM loop, use a super-conductor. :-)
--
73, Cecil http://www.w5dxp.com

3700. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 14:11:45 UTC
From: N2EY@AOL.COM
Message-ID: <1165759905.583643.208670@73g2000cwn.googlegroups.com>
Source record: 48274
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

Cecil Moore wrote:
> Brenda Ann wrote:
> > Covenant communities should be outlawed.
>
> Actually, all that is needed is for consumers to
> reject covenant communities, as I have always
> done.
> --
> 73, Cecil http://www.w5dxp.com

Yup - as long as those consumers know what they are getting into.

In more than a few places, the buyer doesn't know a house has covenants unless they ask exactly the right questions and insist on the answers in writing. Many folks live in houses with very restrictive covenants without ever realizing it, because they don't do anything that violates the covenants.

One of the ironies of all this is that covenanted properties tend to appreciate in value more slowly than unrestricted ones. This makes them less expensive - and more popular with buyers.

73 de Jim, N2EY

3701. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 14:24:30 UTC
From: Jay in the Mojave <jay123a@qnet.com>
Message-ID: <12no6503g6kdc2b@corp.supernews.com>
Source record: 48275

Hello Deni:

I have had such problems with rain noise. A ground plane antenna mounted to the side of the house had severe rain static noise.

After checking the antenna and coax it was found that a new roof was installed and sheet metal pieces where installed on the roof before the roof paper and roof was installed. After finding this out, the mast was moved away and insulated from the side of the house.

This reduced the rain static in the receiver significantly. What I think was happening was the heavy rain static energy was using the mast as a ground rod, inducing the noise into the antenna.

I have at times experienced severe rain static, but only two times when the the rain was a complete heavy down poor of rain, that only lasted a few minuets. I think its possible that some, but not all weather brings the rain static and most antenna installations will hear it.

Jay in the Mojave

Deni F5VJC wrote:

> I have recently been plagued by rain static on a new vertical antenna,
> this a 42 foot vertical fed at the base through an SG230 auto tuner,
> and used on all bands. It seems I need a static bleed of some sort, a
> choke or resistor. What is the best component to use in an outdoor
> environment?
> I thought the auto ATU would in itself provide a static bleed path,
> but apparently not.
>
> Any thoughts, how have you solved this?
>
> 73, Deni
>
> F5VJC
>

3702. Re: 30 helpful hints to help new and No-code hams. Monthly post.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 14:37:32 UTC
From: Old Time Ham <old_fart@curmudgeons.com>
Message-ID: <wIqdnfDAMaMxhuHYnZ2dnUVZ_tTinZ2d@comcast.com>
Source record: 48126
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.policy

Slow Code wrote:
> The 30 Steps below will help all No-Code Hams, it will also help you to
> find others just like yourself. These 30 steps should also be added to the
> present writtens.
>

Hilarious! I am going to print these out and give them out at the next
Repeater Group meeting. (which I am forced to attend since it is also
the local RACES group meeting :-(

3703. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 14:52:07 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <raVeh.4441$Ga1.3523@newssvr12.news.prodigy.net>
Source record: 48127
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

N2EY@AOL.COM wrote:
> Many folks live in houses with very restrictive covenants
> without ever realizing it, because they don't do anything that violates
> the covenants.

When I bought my present house, the real estate agent
had no idea about any restrictions concerning this
property. After a lot of digging they were uncovered.
--
73, Cecil http://www.w5dxp.com

3704. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 14:59:46 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <ChVeh.4442$Ga1.3644@newssvr12.news.prodigy.net>
Source record: 48128

Jay in the Mojave wrote:
> I have at times experienced severe rain static, ...

Others have reported experiencing severe snow static.
My worst precipitation static problems occurred in
the Arizona desert on a dry sunny day with 40 mph
winds filled with charged dust particles streaming
across the desert. It actually caused a burst of
arcing at my coax connector.
--
73, Cecil http://www.w5dxp.com

3705. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 15:12:19 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <utVeh.462$tv5.207@newsfe11.lga>
Source record: 48129

Number of things are getting confused and lumped.
There are different types of "Rain Static" and "noise"

1. One that W5DXP experienced in dry winds of Arizona, is charging of metal parts by air mass movement and generated charge by it. Either in immediate vicinity of the antennas or higher up. Insulated wires, loops and balanced antennas and feeders help here.

2. High altitude static buildup during the storms. Is due to buildup of static in higher altitudes, accompanied by lightning discharges. Here the umbrella effect of having higher structure with "capacitance hat" like Yagi helps to drain the charge from the vicinity and static free reception from lower antennas is possible. Stacked beams are example, where lower antenna is dead quiet while top one gets S9+20 frying noise. Insulation or no insulation immaterial here.

3. Discharge from the rain droplets on the antenna elements is like #2. Insulated elements help here to a point.

Power line noise. If the source is a bad connection in power lines system (point source) that noise is "everything polarized". Depends how the antenna and structures around it participate in the radiation from it. Argument that it is vertically polarized has more to do with RX antennas and their pattern rather than "pure" polarization. Verticals have major lobe at the horizon and they "see" everything near by. Horizontals at typical height have major lobe at some higher angle, mostly "looking" up and have a null at the horizon, "ignoring" nearby sources of noise. Then there is the propagation mode effect contributing to the noise propagation and affect on receiving systems.

Regardless of W8JI claims that small loop antennas don't have electrostatic shield - effect, they can be of great help in discriminating against the near by noise sources by using electrostatic shields. And yes Virginia, in the close proximity there is a separation of E and H fields.

One has to be careful and properly identify the type of noise, ways of propagating and means of suppressing it. The best way is to do it at the antennas. For example I had horrible noise situation from HV power lines. The most effective way was to null it out by mutual positioning of the main antenna (Razors) and 3 el. Yagi between them. I could suppress, null out noise of 30dB over S9 down to almost nothing. Then the noise blankers and filtering are put to work.

73 Yuri, K3BU

"Owen Duffy" <owen@no.where> wrote in message
news:g00mn2p95nnkv0ejj0r058umc93i7ocavi@4ax.com...

> On Sat, 09 Dec 2006 07:27:39 -0800, John Smith
> <assemblywizard@gmail.com> wrote:
>
>>Dave wrote:
>>> ...
>>>
>>> Most all verticals have higher noise levels than horizontal antennas.
>>> Reason, as it is reported, is that man made noise is vertically
>>> polarized.
>>>
>>
>>Dave:
>>
>>Frankly, I think that the statement, "most man made noise is vertical
>>polarized" is a myth. How many power lines do you see running
>
> Perhaps the explanation for the observation that the vertically
> polarised component of man made noise is greater at a receiver antenna
> than the horizontal component lies in the propagation mechanism.
>
> Most man made noise is received from nearby and by ground wave, and
> vertically polarised ground waves are attenuated less than
> horizontally polarised waves over the same path.
>
> This explanation is supported by the observation that the closer one
> is to a high intensity man made noise source (but still within
> radiating far field), the less variation in field strength with
> antenna polarisation.
>
> Owen
> --

3706. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 15:32:29 UTC
From: N2EY@AOL.COM
Message-ID: <1165764749.003380.68900@n67g2000cwd.googlegroups.com>
Source record: 48130
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

Cecil Moore wrote:
> N2EY@AOL.COM wrote:
> > Many folks live in houses with very restrictive covenants
> > without ever realizing it, because they don't do anything that violates
> > the covenants.
>
> When I bought my present house, the real estate agent
> had no idea about any restrictions concerning this
> property. After a lot of digging they were uncovered.

Hopefully not literally!

The real kicker in all of this is the buyer who doesn't know the right
questions to ask,
and how to evaluate the answers. A verbal statement by the agent, owner
or anybody
else is worthless when confronted by legally recorded covenants in
black-and-white.

These questions have to be asked up-front - preferably before even
looking at a
property.

Always remember that RE agents don't make any money until a sale
closes.

73 de Jim, N2EY

3707. Re: Tenants suck!

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 16:03:56 UTC
From: "del.icio.us" <snuffout@leftwingers.org>
Message-ID: <12noc1nfnapmo32@corp.supernews.com>
Source record: 48132
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

Evict the welfare bastard.

"amdx" <amdx@knology.net> wrote in message
news:15c13$457b066b$45011502$25178@KNOLOGY.NET...
>
> "Pedro Sanchez" <Dr.PedroSanchez@yahoo.com> wrote in message
> news:tlhln21ea8hotjv4bi97eam2vl20v801ff@bbb.org...
> > On Sat, 9 Dec 2006 09:06:20 -0500, "Slow Code" <my.mail@no.spam>
> > wrote:
> >
> >>Hey Steve, does your landlord let you put up an antenna? Mine won't.
:-((
> >
> > Shove those antenna up the landlords ass. Ask him if he would rather
> > have the antenna in the air or up his ass. If he says he wants it up
> > his ass then break it off for him.
> >
> > Landlords suck assholes.
> >
> Gee, maybe you should save your money and buy your OWN home,
> then you can do what you want with it.
> An even better experience would be, buy a home with your own money
> and rent it to those that think "Landlords suck assholes"
> After a few missed rent payments your outlook will suddenly change, you
> will
> wonder why does that %^&$#^$ think I should support him. It's not my fault
> he lost
> a job, got fired, car broke down, had to take the kid to the emergency
room.
> It's not my fault he didn't save any money for a rainy day!
> My most fun story is the guy that replaced a mailbox, he was in the
middle
> of
> being kicked out. He went out and bought a $40 mailbox expecting me to
pay
> for it.
> I told him to keep the mailbox. When he left he took the mailbox. The post
> for this
> mailbox was a buried telephone pole, it wasn't going anywhere.
> When I installed my new $5.00 mailbox I mounted a 2"x6" board to the
pole
> with
> 5" x 5/16" lag bolts, then I mounted the mailbox to the 2x6 with seven 3

> 1/4" drywall
> screws.
> I would have liked to seen his face when he whacked that mailbox and it
> didn't go
> flying away. I hope he didn't hurt himself, NOT
> He was gone about three days before he did this. I waited another week
and
> put up a new mailbox.
> Mike
> PS. One day the toilet overflowed I had to remove about 40 kotex from the
> sewer
> pipe one cold day in January.
>
> PSS. sold all the rentals no more %^&$#^$ to put up with.
>
>

3708. Re: ~~~~~~~ Wet T Shirt Contest ~~~~~~~~

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 16:04:37 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <30con2ds4kmrv08pi6n3rhd4evfto12mj2@4ax.com>
Source record: 48131

Please folks, do not reply to these off topic posts.

If these idiots never get any replies, they will eventually give up
and go away.

Thanks,

Bill, W6WRT

3709. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 16:47:44 UTC
From: hjsjms@cs.com
Message-ID: <1165769264.281644.111580@73g2000cwn.googlegroups.com>
Source record: 48133
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

Brenda Ann wrote:
> "amdx" <amdx@knology.net> wrote in message
> news:15c13$457b066b$45011502$25178@KNOLOGY.NET...
> >
> > "Pedro Sanchez" <Dr.PedroSanchez@yahoo.com> wrote in message
> > news:tlhln21ea8hotjv4bi97eam2vl20v801ff@bbb.org...
> >> On Sat, 9 Dec 2006 09:06:20 -0500, "Slow Code" <my.mail@no.spam>
> >> wrote:
> >>
> >>>Hey Steve, does your landlord let you put up an antenna? Mine won't. :-((
> >>
> >> Shove those antenna up the landlords ass. Ask him if he would rather
> >> have the antenna in the air or up his ass. If he says he wants it up
> >> his ass then break it off for him.
> >>
> >> Landlords suck assholes.
> >>
> > Gee, maybe you should save your money and buy your OWN home,
> > then you can do what you want with it.
>
> This is increasingly becoming a pipe dream, as more and more neighborhoods
> put together ******* CCA's or whatever they call them this week, and dictate
> what color paint you can have on your home, what sort of topiary, and
> countless other minutia.

Generally neighborhoods don't put them together. Homeowners
associations and the related CCR's found in the deed are usually
required by either city or county planning commissions as a tradeoff
for denser than normal housing in planned communities. With those
restrictions you usually get community open space and some level of
community recreation facilities, etc.

Whether they are good or bad or something in-between really depends on
what you want in your locality. Some of us enjoy the freedom to do
more-or-less what ever we want with our house. Along with that right
comes the responsibility to acccept whatever your next-door-neighbor
does with his house. About 10 miles away is a community with out a
HOA that is composed of 80 year old well maintained brick or wood
colonial houses. One guy has painted his brick home contrasting colors
of purple, pink and blue. Another puts fills up most of his yard with
at least 100 beatup plastic santas and other xmas paraphernalia. And
yet a third house has a very large oak that was chainsaw sculpted to
look like a 30 foot nude with huge breasts and 2 large branches made
into arms extended open toward the house. And these are neighborhoods

with houses that sell for $900,000 and up.

I would prefer to not have stuff like that next door and am willing to trade off the right to paint my mailbox any color.

> Covenant communities should be outlawed.

Why should they be outlawed? If you don't like them just move to a location where there isn't a home owners association.

> Whatever
> happened to a man's home being his castle (i.e. personal property rights)?

What specifically are personal property rights. I have yet to find the locality where you can do anything you want on your property.

3710. Re: Ever hear an operator on the bands that you'd just like to slap the shit out of?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 17:09:21 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <5bXeh.4582$qp1.1747@tornado.texas.rr.com>
Source record: 48134
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.swap

"Slow Code" <my.mail@no.spam> wrote in message
news:1r2eh.8181$ql2.880@newsread3.news.pas.earthlink.net...
> N7ZZT - Eric Oyen <n7zzt@127.0.0.1> wrote in
> news:2320269.TxDrq9aXQa@www.usenetzone.com:
>
>> Slow Code wrote:
>>
>>> If the CW requirement is eliminated, there's going to be a lot more of
>>> them on the bands.
>>>
>>> SC
>>
>> better learn how to filter man. otherwise, you are going to be in a lot
>> of peoples faces and involved in more than one dance with the law.
>
>
> CW wasn't all that bad of a filter, but most everyone wants to get rid of
> it. After it's gone, I'll just have to stick to the non phone portions of
> the HF bands were you still find real hams communicating.
>
> SC

Excellent idea! Why not begin now?

3711. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 17:11:50 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <qdXeh.4592$qp1.1805@tornado.texas.rr.com>
Source record: 48135
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

"Scott" <acepilot@bloomer.net> wrote in message
news:WNqdnYnFGZoT9ebYnZ2dnUVZ_qninZ2d@bright.net...
> Yeah, I believe THAT one ;) I don't know any landlords that would be
> scared of you and fall for that crap. When I was a landlord, that
> wouldn't fly. No rent check? Get that refrigerator box and set up behind
> Wal Mart you lowlife slug.
>
>

I hear SC has a side-by-side box, by far the nicest abode behind Wal-Mart.

3712. Re: Ever hear an operator on the bands that you'd just like to slap the shit out of?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 17:41:36 UTC
From: Mark@kb9rqz.aprs
Message-ID: <llhon299v5hff716sl1ce5f5t8hq7mde7e@4ax.com>
Source record: 48136
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.swap

```
On Sun, 10 Dec 2006 17:09:21 GMT, "U-Know-Who" <no-one@nowhere.com>
wrote:

>
>"Slow Code" <my.mail@no.spam> wrote in message
>news:1r2eh.8181$ql2.880@newsread3.news.pas.earthlink.net...
>> N7ZZT - Eric Oyen <n7zzt@127.0.0.1> wrote in
>> news:2320269.TxDrq9aXQa@www.usenetzone.com:
>>
>>> Slow Code wrote:
>>>
>>>> If the CW requirement is eliminated, there's going to be a lot more of
>>>> them on the bands.
>>>>
>>>> SC
>>>
>>> better learn how to filter man. otherwise, you are going to be in a lot
>>> of peoples faces and involved in more than one dance with the law.
>>
>>
>> CW wasn't all that bad of a filter, but most everyone wants to get rid of
>> it. After it's gone, I'll just have to stick to the non phone portions of
>> the HF bands were you still find real hams communicating.
>>
>> SC
>
>Excellent idea! Why not begin now?
>
becuase he can't do that Tom he has to scold everybody surely you knwo
that
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com
```

3713. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 17:44:02 UTC
From: Mark@kb9rqz.aprs
Message-ID: <lphon2phq7vpgr500apqb5156lkq0djjeo@4ax.com>
Source record: 48137
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

On 10 Dec 2006 06:11:45 -0800, N2EY@AOL.COM wrote:

>Cecil Moore wrote:
>> Brenda Ann wrote:
>> > Covenant communities should be outlawed.
>>
>> Actually, all that is needed is for consumers to
>> reject covenant communities, as I have always
>> done.
>> --
>> 73, Cecil http://www.w5dxp.com
>
>Yup - as long as those consumers know what they are getting into.
>
>In more than a few places, the buyer doesn't know a house has covenants
>unless they ask exactly the right questions and insist on the answers
>in writing. Many folks live in houses with very restrictive covenants
>without ever realizing it, because they don't do anything that violates
>the covenants.

or becuase they don't get caught violating them in part because nobody
knows to turn em in
>
>One of the ironies of all this is that covenanted properties tend to
>appreciate in value more slowly than unrestricted ones. This makes them
>less expensive - and more popular with buyers.
>
>73 de Jim, N2EY
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3714. Re: KTN4GN inviting people to monitor FOUO, was: Re: K4YZ have told CAP you intend to violate FOUO frequncy info?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 20:06:44 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1165781204.298545.92220@n67g2000cwd.googlegroups.com>
Source record: 48138
Cross-posted to: rec.radio.amateur.antenna,rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.swap

```
hot-ham-and-cheese@hotmail.com wrote:
> Mark@kb9rqz.aprs wrote:
> > On 3 Dec 2006 09:37:35 -0800, hot-ham-and-cheese@hotmail.com wrote:
> > >Slow Code wrote:
> > >> hot-ham-and-cheese@hotmail.com wrote in
> > >> news:1165086130.017402.217720@16g2000cwy.googlegroups.com:
> > >> > Slow Code wrote:
> > >> >> hot-ham-and-cheese@hotmail.com wrote in
> > >> >> news:1164938185.794275.103550@j44g2000cwa.googlegroups.com:
> > >> >> > kb9rqz-1@hotmail.com wrote:
> > >> >> >> K4YZ wrote:
> > >> >> >> > hot-ham@hotmail.com wrote:
> > >> >> >
> > >> >> >> > So what was it all about???
> > >> >> >> >
> > >> >> >> > Monitoring CAP FOUO communications.
> > >> >> >> >
> > >> >> >> > I recall K4YZ/KTN4GN inviting people to monitor him and he would
> > >> >> >> > send an SWL confirmation.
> > >> >> >> >
> > >> >> >> > Hi! So much for FOUO.
> > >> >> >>
> > >> >> >> Uh huh.
> > >> >> >>
> > >> >> >> And nowhere in my QRZ bio did I mention operating
> > >> >> >> frequencies, net
> > >> >> >> times, operational objectives, etc.
> > >> >> >>
> > >> >> >> so?
> > >> >> >
> > >> >> > WWW.QRZ.COM search "K4YZ"
> > >> >> >
> > >> >> > FOUO maintained...Brain made a fool of...Again...
> > >> >> >
> > >> >> >> maybe maybe not
> > >> >> >>
> > >> >> >> have you told CAP you intend to confirm FOUO freqs and time
> > >> >> >
> > >> >> > This is where his innocense falls apart. Somehow he's going to
> > >> >> > confirm an SWL card with "I can neither confirm nor deny..."
> > >> >> > Riiiiight.
> > >> >> >
```

> > >> >> > PopComm needs to beware publishing this idiot's letters.
> > >> >>
> > >> >> You really are a bitter ham.
> > >> >
> > >> > At least I'm a ham. That can't be said of you.
> > >> >
> > >> >> Lack of CW in the radio diet will do that to
> > >> >> you.
> > >> >
> > >> > Nope, being accused of molesting Boy Scouts did it for me.
> > >> >
> > >> > Everything that K4YZ/KTN4GN says is suspect and needs to be
> > >> > scrutinized.
> > >> >
> > >> > For example, his Civil Air Patrol FOUO letter that was published in the
> > >> > Nov 2006 issue of PopComm completely contradicts his QRZ.COM/K4YZ offer
> > >> > to confirm his CAP communications.
> > >> >
> > >> > That is what this thread is about... if you'd care to stay on topic.
> > >> >
> > >> >> Just look at all the hate on eleven meters.
> > >> >
> > >> > I wouldn't know, but there's no need to look there. The hate is
> > >> > already on RRAP, and K4YZ fosters most of it. When this group becomes
> > >> > moderated, I expect K4YZ to be banned. He'll have to hang out on the
> > >> > Nurse or CAP yahoo groups of his own creation and moderation.
> > >> >
> > >> >> Those people are even
> > >> >> gunning each other down in shopping mall parking lots.
> > >> >>
> > >> >> SC
> > >> >
> > >> > What a coincidence. K4YZ has offered to "meet" several hams at the
> > >> > Dayton Hamfest, and there's a lot of hamfest parking at the shopping
> > >> > mall.
> > >>
> > >> The only hate I see, is the hate most everyone here has for the CW test.
> > >
> > >I learned it. I passed it. I see it as irrelevant government hurdle
> > >to be passed. It serves no regulatory purpose in the ARS. No other
> > >mode has a stand alone exam that denies access to HF.
> >
> > congrats on managing wqish I had had any luck with it
>
> It was a struggle. Couldn't get past about 10wpm. My modem needed a
> ROM upgrade but that wasn't in the cards.

indeed I could exactly the same except for the speed number
>
> > >> But that's about it. How'd ya like the boy scouts?

> > >>
> > >> SC
> > >
> > >Fantastic organization. Lots of activities. I'd recommend
> > >boy/girl/venture scouting to any youth. Keeps them busy and they stay
> > >out of trouble and off of drugs.
> >
> > I have Issues with the BSA as a organization BB.
>
> I understand. I don't have have a problem with that aspect of the
> organization, and since it involved my children, I'd prefer to keep it
> the way it is. Adults can do what they want.

I brought the subejct mstly as an illustration of the fact that dipite
what Sc Robeson claim you and I are in some kind of look step in
thinking I disgree with both and Len from titme to time

>
> > given the way my
> > private has been invaded and praded by Steve and his freind I suspect
> > I need not explain why we disagree about the BSA
>
> But is has nothing to do with the BSA. Robesin is not in the BSA and I
> wouldn't want him around my children or anyone else's. But he probably
> has lots of contact with Cadets; hopefully they're using at least the
> rule of two.

I don't think CAP is flying with both wings tif they are letting Robesn
near them I do indeed fear for the safety of anyone of any age around
him

Steve is threat to ANYONE around the closer they are physicaly the
greater danger Styeve is to them

3715. Re: RoomCap Antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-10 22:24:12 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <eli1ei$cj6$1@aioe.org>
Source record: 48139

Felix wrote:
> ...
>

Dummy load antennas are all over, this is one link I stumbled upon
today, good pics.

http://guests.antennex.com/rooms/hws/ws0900/dda_rf.htm

Regards,
JS

3716. Re: RoomCap Antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 00:14:39 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <eli7tmisb1@news.ndhu.edu.tw>
Source record: 48140

John Smith wrote:
>
> ...
>

That didn't work, so here is yet another example:

http://home.comcast.net/~ac9ts/pdf/Microvert_english.pdf

JS

3717. Re: Laziness is no reason to destroy quality radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 00:48:03 UTC
From: "Paul W. Schleck" <pschleck@novia.net>
Message-ID: <457caa20$0$50437$540ea2cf@novia.net>
Source record: 48141
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

In <1165006566.247996.244140@n67g2000cwd.googlegroups.com> LenAnderson@ieee.org writes:

> Where is Paul Schleck these days? Here it is 1 December and
> his "threatening" troika of "moderators" haven't yet appeared.
> I wonder if he has been appointed to a new cabinet post? You
> know, the "Department of Hamland Security"... :-)

> Holiday regards,
> LA

The member of our team that is finishing the final draft of the Request for Discussion (RFD) agreed to a firm deadline of January 1, 2007. The team has reviewed, and agreed to, prior working drafts of the RFD, as well as submission guidelines for the proposed new newsgroup, so this is just cleanup and tweaking at this point. The submission guidelines were recently posted to misc.test.moderated. We will have an RFD to pass along to the news.announce.newsgroups moderator to crosspost to this newsgroup shortly after January 1st. Moving the discussion period to after Christmas is also desirable in order to have a bigger audience for the RFD, and give everyone ample opportunity to provide feedback free of holiday distractions and time demands.

In the meantime, we've been testing the robomoderation software, Secure Team-Based Usenet Moderation Program (STUMP). Several rec.radio.amateur.policy participants have graciously agreed to send us test submissions, many of which we have approved and posted to misc.test.moderated. At this point, anyone reading this newsgroup is welcome to send us test postings. Send such submissions to:

rec-radio-amateur-moderated@panix.com

We'll process them as if they were actual submissions to the proposed moderated newsgroup. Anything we approve will be posted to misc.test.moderated, so please don't send anything to that address that you don't want posted to Usenet, or at least add the text "not for publication" or "do not approve." We would be particularly interested in test postings that are PGP signed.

Watch this space for further information after the first of the year.

--
73, Paul W. Schleck, K3FU
pschleck@novia.net
http://www.novia.net/~pschleck/
Finger pschleck@novia.net for PGP Public Key

3718. Re: How does that meter work?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 01:29:55 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <%v2fh.4720$SV1.4128@bignews1.bellsouth.net>
Source record: 48142

"Antonio Vernucci" <vernucci@tin.it> wrote in message
news:457b255f$0$16151$4fafbaef@reader3.news.tin.it...
>> Aside from that, there is no need to be concerned about a meter
>> reading for a receiver that is turned off. In short, any attempt to
>> force a mechanical zero would be negated by the "electrical zero" set
>> and S-9 calibration.
>
> Yes, I agree that is in principle there is no need to be concerned about a
> meter reading for a receiver that is turned off. But I am instead
> concerned about that, because I like to have all my equipment in perfect
> order, and a meter that does not stay on its zero when the radio is turned
> off is something that I dislike and anyway wish to fix.
>
> If I would not have had such requirement, I would not have put the
> question because it is fairly evident that, when the radio is on, the zero
> can be adjusted by means of the control indicated in the manual. All old
> receivers have a zero control for the S-meter.
>
> Moreover, the same problem anyway occurs for the RF output meter of the
> matching transmitter (Hallicrafters HT44), which is of the same type. But
> in the HT44 there is no electrical zero adjustment control, so the only
> way of zeroing the meter is to open it and adjusting it mechanically.
>
> By the way, in the meantime I have found the way of zeroing the meter, so
> it is no longer an issue.
>
> 73
>
> Tony I0JX
>
A lot of meters dont "zero" on purpose. This area of the meter is inherently
inaccurate so they are biased off of this point either electrically,
mechanicanically or even magnetically on purpose. Forcing these meters to do
otherwise isnt always making them"right". Unless there is some indication
that there is an inaccuracy with the meter and zeroing will help it is best
left alone. For example I have a linear scale capcitance meter that must
be"zeroed" at about 2pf for it to be accurate on the rest of the scale.
Perhaps one day I will solve this problem by replacing the 50uA meter
movement with a digital meter but it has served me well for 30 years so I
think I will leave it "as is" for now. I guess I could make it "zero" on
power off by applying a bias voltage to the meter when it is on to slightly
move the meter off the peg but attempts to do this have shown that it would
significantly complicate the circuitry and comprimise accuracy.

Jimmie

3719. Re: Call for Action-CW Advocacy organization

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 01:49:48 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <0P2fh.8654$tM1.2010@newsread1.news.pas.earthlink.net>
Source record: 48144
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

Bill Turdner <noway@nowhow.com> wrote in
news:eccon2p141l7j6f5e5itt4nvan7rsmoeae@4ax.com:

> Please folks, do not reply to these off topic posts.
>
> If these idiots never get any replies, they will eventually give up
> and go away.

The only idiots I see are people that don't want to learn CW.

SC

3720. Re: CW is ham history. It's what binds us and makes us unique.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 01:49:49 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <1P2fh.8655$tM1.6912@newsread1.news.pas.earthlink.net>
Source record: 48143
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy

"Fools" <tools@attwb.net> wrote in news:_nVeh.2$sB6.103526@news.sisna.com:

>
> "Slow Code" <my.mail@no.spam> wrote in message
> news:ITIeh.8315$sf5.1226@newsread4.news.pas.earthlink.net...
>>
>> Just listen to CB if you want to know what HF will sound like after
>> code is eliminated. The very fact that you can run into people like
>> Markie on HF should give you a clue as to how bad it can get.
>>
>> SC I
>> like CB and HF. HF will be fine without code. Why we might even hear
>> more that contests, we might hear more than "CQ CQ CQ this is......
>> Thanks for the answer,.............CQ CQ CQ..... Why people might even
>> TALK about news, life, help, opinion, why the people could even
>> communicate all day long and easily understand each other. Oh, but the
>> loss of that secrete club language, code, would hurt the club members
>> soooooooo much. Ain't progress a bitch?

It's not progress. Dumbing things down is a step backwards.

SC

3721. Democrats just want to attack the Bible, they don't want to attack terrorists.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 01:49:53 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <5P2fh.8658$tM1.3573@newsread1.news.pas.earthlink.net>
Source record: 48145
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

m II <c@in.the.hat> wrote in news:X1Jeh.51898$hn.48438@edtnps82:

> Slow Code wrote:
>> "John Smith" <assemblywizard@gmail.com> wrote in
>> news:elf1eh$1qt$1@news.ndhu.edu.tw:
>>
>>> Dee:
>>>
>>> HELLO!
>>>
>>> You are quite correct (and unalienable is used.) I am guilty of
>>> "clumping" all of these together, including the amendments also ... I
>>> am guilty of being "pro-for-the-people" and quite lax about
>>> maintaining confines when it comes to their rights.
>>
>>
>> Democrats do that all the time to try to come up with ways to push
>> their pro-homosexual, anti-morality, anti-America agenda.
>
>
> You should read the papers more often. The Party of Deviancy seems to be
> NOT the democrats.
>
> http://neworleans.indymedia.org/news/2006/11/9071.php
>
> http://fp.uni.edu/northia/article2.asp?ID=5495&SECTION=2
>
> http://www.thelawparty.com/FranklinCoverup/franklin.htm
>
> http://worldnetdaily.com/news/article.asp?ARTICLE_ID=42954
>
> http://snipurl.com/bh9y
>
>
> Lots more out there.
>
>
> mike

Awww Jeez, not that crap again. You sorry ass liberals need to come up
with a new flavored kool-aid. We're getting tired seeing your same old
socialist smear job of the truth bullshit.

SC

3722. Re: Ever hear an operator on the bands that you'd just like to slap the shit out of?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 01:49:55 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <7P2fh.8659$tM1.1353@newsread1.news.pas.earthlink.net>
Source record: 48146
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.swap

"U-Know-Who" <no-one@nowhere.com> wrote in
news:5bXeh.4582$qp1.1747@tornado.texas.rr.com:

>
> "Slow Code" <my.mail@no.spam> wrote in message
> news:1r2eh.8181$ql2.880@newsread3.news.pas.earthlink.net...
>> N7ZZT - Eric Oyen <n7zzt@127.0.0.1> wrote in
>> news:2320269.TxDrq9aXQa@www.usenetzone.com:
>>
>>> Slow Code wrote:
>>>
>>>> If the CW requirement is eliminated, there's going to be a lot more
>>>> of them on the bands.
>>>>
>>>> SC
>>>
>>> better learn how to filter man. otherwise, you are going to be in a
>>> lot of peoples faces and involved in more than one dance with the law.
>>
>>
>> CW wasn't all that bad of a filter, but most everyone wants to get rid
>> of it. After it's gone, I'll just have to stick to the non phone
>> portions of the HF bands were you still find real hams communicating.
>>
>> SC
>
> Excellent idea! Why not begin now?

No need to yet, I'll want to begin after you and Markie get your Welfare
Extra's.

SC

3723. Re: FCC suspends Felon's Amateur License

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 01:49:57 UTC
From: Max Plonk <Max@plonk.me>
Message-ID: <9P2fh.8661$tM1.556@newsread1.news.pas.earthlink.net>
Source record: 48147
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

Mike Coslo <mcoslo@comcast.net> wrote in
news:Xns9895B90F83A4Fmcoslocomcastnet@216.196.97.136:

> N2EY@AOL.COM wrote in
> news:1165684144.822803.135820@16g2000cwy.googlegroups.com:
>
>> Here's another, somewhat similar view:
>
>
>
> Hello, Jim, Dave, Steve, Dee, and Len. No write to for a long
> time! I
> hope I find everyone well and happy.
>
> A humble request if I may?
>
> Would there be any possibility of trimming the groups these posts get
> sent to? Certainly these are unusual topics to be appearing in
> rec.radio.amateur antenna and the other unrelated groups.
>
> The folks I have plonked out certainly won't cease the
> practice, in
> fact I just invite more of it with this post. But I can't imagine that
> you good folk would ever intend to be part of the massive and perverted
> crossposting metastasis that has been going on for the past several
> months.
>
> But your names sometimes show up along with the sewage, just thought I'd
> let you know. 8^)
>
>
> - 73 de Mike

We're having discussions on how to save ham radio, and you changed the
topic to how to post to usenet, you loser. Please keep your whining out
of the rec radio amateur groups. 8^)

- 73 de Max

3724. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 01:50:06 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <iP2fh.8667$tM1.7932@newsread1.news.pas.earthlink.net>
Source record: 48149
Cross-posted to: rec.radio.amateur.policy,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

Scott <acepilot@bloomer.net> wrote in
news:WNqdnYnFGZoT9ebYnZ2dnUVZ_qninZ2d@bright.net:

> Yeah, I believe THAT one ;) I don't know any landlords that would be
> scared of you and fall for that crap. When I was a landlord, that
> wouldn't fly. No rent check? Get that refrigerator box and set up
> behind Wal Mart you lowlife slug.

Well I thought it was a good story.

SC

>
>>
>>
>> My landlord was a no-code ham and he didn't want me to have an antenna
>> because he didn't want me to have fun making CW contacts, so I slapped
>> the shit out of him and now I have a 5 element tri-bander up 100 feet
>> and I made him pay for it. I told him I'm not paying anymore rent until
>> he learns CW, so I got him learning code now too.
>>
>> SC
>

3725. Re: Laziness is no reason to destroy quality radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 01:50:07 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <jP2fh.8668$tM1.5798@newsread1.news.pas.earthlink.net>
Source record: 48148
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.amateur.swap,rec.radio.amateur.misc

Paul W. Schleck <pschleck@novia.net> wrote in
news:457caa20$0$50437$540ea2cf@novia.net:

> In <1165006566.247996.244140@n67g2000cwd.googlegroups.com>
> LenAnderson@ieee.org writes:
>
>> Where is Paul Schleck these days? Here it is 1 December and
>> his "threatening" troika of "moderators" haven't yet appeared.
>> I wonder if he has been appointed to a new cabinet post? You
>> know, the "Department of Hamland Security"... :-)
>
>> Holiday regards,
>> LA
>
> The member of our team that is finishing the final draft of the Request
> for Discussion (RFD) agreed to a firm deadline of January 1, 2007. The
> team has reviewed, and agreed to, prior working drafts of the RFD, as
> well as submission guidelines for the proposed new newsgroup, so this is
> just cleanup and tweaking at this point. The submission guidelines were
> recently posted to misc.test.moderated. We will have an RFD to pass
> along to the news.announce.newsgroups moderator to crosspost to this
> newsgroup shortly after January 1st. Moving the discussion period to
> after Christmas is also desirable in order to have a bigger audience for
> the RFD, and give everyone ample opportunity to provide feedback free of
> holiday distractions and time demands.
>
> In the meantime, we've been testing the robomoderation software, Secure
> Team-Based Usenet Moderation Program (STUMP). Several
> rec.radio.amateur.policy participants have graciously agreed to send us
> test submissions, many of which we have approved and posted to
> misc.test.moderated. At this point, anyone reading this newsgroup is
> welcome to send us test postings. Send such submissions to:
>
> rec-radio-amateur-moderated@panix.com
>
> We'll process them as if they were actual submissions to the proposed
> moderated newsgroup. Anything we approve will be posted to
> misc.test.moderated, so please don't send anything to that address that
> you don't want posted to Usenet, or at least add the text "not for
> publication" or "do not approve." We would be particularly interested
> in test postings that are PGP signed.
>
> Watch this space for further information after the first of the year.

>
> --
> 73, Paul W. Schleck, K3FU

Good luck with it Paul. I look forward to seeing Markie, Lloydie, Woger, Todd, Steve, Brian, Lenny, U-Know-Who, John, Robert, Jimmie, Scott and all CW test haters and lazy asses put in the dumpster. It will make usenet a much better place. And a real hams can save ham radio from the dumb it downers.

Thanks, 73 de Slow Code

3726. Re: Call for Action-CW Advocacy organization

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 01:52:32 UTC
From: Mark@kb9rqz.aprs
Message-ID: <beepn29vlpvb3192q7t1hd6rjatpgitfdh@4ax.com>
Source record: 48150
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.swap

On Mon, 11 Dec 2006 01:49:48 GMT, Slow Code <my.mail@no.spam> wrote:

>Bill Turdner <noway@nowhow.com> wrote in
>news:eccon2p141l7j6f5e5itt4nvan7rsmoeae@4ax.com:
>
>> Please folks, do not reply to these off topic posts.
>>
>> If these idiots never get any replies, they will eventually give up
>> and go away.
>
>
>
>The only idiots I see are people that don't want to learn CW.

only becuase you are blind and stupid sc
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3727. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 02:00:21 UTC
From: Mark@kb9rqz.aprs
Message-ID: <isepn21mav5qoph2a0jbqk3hqbtojhp81e@4ax.com>
Source record: 48151
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.swap

On Mon, 11 Dec 2006 01:49:55 GMT, Slow Code <my.mail@no.spam> wrote:

>"U-Know-Who" <no-one@nowhere.com> wrote in
>news:5bXeh.4582$qp1.1747@tornado.texas.rr.com:
>
>>
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:1r2eh.8181$ql2.880@newsread3.news.pas.earthlink.net...
>>> N7ZZT - Eric Oyen <n7zzt@127.0.0.1> wrote in
>>> news:2320269.TxDrq9aXQa@www.usenetzone.com:
>>>
>>>> Slow Code wrote:
>>>>
>>>>> If the CW requirement is eliminated, there's going to be a lot more
>>>>> of them on the bands.
>>>>>
>>>>> SC
>>>>
>>>> better learn how to filter man. otherwise, you are going to be in a
>>>> lot of peoples faces and involved in more than one dance with the law.
>>>
>>>
>>> CW wasn't all that bad of a filter, but most everyone wants to get rid
>>> of it. After it's gone, I'll just have to stick to the non phone
>>> portions of the HF bands were you still find real hams communicating.
>>>
>>> SC
>>
>> Excellent idea! Why not begin now?
>
>
>No need to yet, I'll want to begin after you and Markie get your Welfare
>Extra's.

then you were lying when you are bitching yesterday
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3728. Re: FCC suspends Felon's Amateur License

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 02:01:51 UTC
From: Mark@kb9rqz.aprs
Message-ID: <hvepn2tbmqi1cm8a7fiulokrdpq4qmkv8j@4ax.com>
Source record: 48152
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.policy

On Mon, 11 Dec 2006 01:49:57 GMT, Max Plonk <Max@plonk.me> wrote:

>Mike Coslo <mcoslo@comcast.net> wrote in
>news:Xns9895B90F83A4Fmcoslocomcastnet@216.196.97.136:
>
>> N2EY@AOL.COM wrote in
>> news:1165684144.822803.135820@16g2000cwy.googlegroups.com:
>>
>>> Here's another, somewhat similar view:
>>
>>
>>
>> Hello, Jim, Dave, Steve, Dee, and Len. No write to for a long
>> time! I
>> hope I find everyone well and happy.
>>
>> A humble request if I may?
>>
>> Would there be any possibility of trimming the groups these posts get
>> sent to? Certainly these are unusual topics to be appearing in
>> rec.radio.amateur antenna and the other unrelated groups.
>>
>> The folks I have plonked out certainly won't cease the
>> practice, in
>> fact I just invite more of it with this post. But I can't imagine that
>> you good folk would ever intend to be part of the massive and perverted
>> crossposting metastasis that has been going on for the past several
>> months.
>>
>> But your names sometimes show up along with the sewage, just thought I'd
>> let you know. 8^)
>>
>>
>> - 73 de Mike
>
>
>
>We're having discussions on how to save ham radio,...

no we are tlaking wether felons should not be allowed to be hams
>.... and you changed the
>topic to how to post to usenet, you loser. Please keep your whining out
>of the rec radio amateur groups. 8^)
>

> - 73 de Max
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3729. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 02:02:59 UTC
From: Mark@kb9rqz.aprs
Message-ID: <22fpn2pcs0kn9vt35giiqh4ivov1et7g1h@4ax.com>
Source record: 48153
Cross-posted to: rec.radio.amateur.policy,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

On Mon, 11 Dec 2006 01:50:06 GMT, Slow Code <my.mail@no.spam> wrote:

>Scott <acepilot@bloomer.net> wrote in
>news:WNqdnYnFGZoT9ebYnZ2dnUVZ_qninZ2d@bright.net:
>
>> Yeah, I believe THAT one ;) I don't know any landlords that would be
>> scared of you and fall for that crap. When I was a landlord, that
>> wouldn't fly. No rent check? Get that refrigerator box and set up
>> behind Wal Mart you lowlife slug.
>
>
>Well I thought it was a good story.

thinking is not one of your long suits SC

http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3730. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 02:03:25 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <q%2fh.4729$SV1.2421@bignews1.bellsouth.net>
Source record: 48154

"Jay in the Mojave" <jay123a@qnet.com> wrote in message
news:12no6503g6kdc2b@corp.supernews.com...
> Hello Deni:
>
> I have had such problems with rain noise. A ground plane antenna mounted
> to the side of the house had severe rain static noise.
>
> After checking the antenna and coax it was found that a new roof was
> installed and sheet metal pieces where installed on the roof before the
> roof paper and roof was installed. After finding this out, the mast was
> moved away and insulated from the side of the house.
>
> This reduced the rain static in the receiver significantly. What I think
> was happening was the heavy rain static energy was using the mast as a
> ground rod, inducing the noise into the antenna.
>
> I have at times experienced severe rain static, but only two times when
> the the rain was a complete heavy down poor of rain, that only lasted a
> few minuets. I think its possible that some, but not all weather brings
> the rain static and most antenna installations will hear it.
>
> Jay in the Mojave
>
> Deni F5VJC wrote:
>
>> I have recently been plagued by rain static on a new vertical antenna,
>> this a 42 foot vertical fed at the base through an SG230 auto tuner,
>> and used on all bands. It seems I need a static bleed of some sort, a
>> choke or resistor. What is the best component to use in an outdoor
>> environment?
>> I thought the auto ATU would in itself provide a static bleed path,
>> but apparently not.
>>
>> Any thoughts, how have you solved this?
>>
>> 73, Deni
>>
>> F5VJC
>>

The only rain static I have observed is during a sudden downpour. This is on
a longwire antenna. If the rain last more than a few minutes the static goes
away. I have wondered sometimes if this isnt caused by the rain hitting a
dry antenna. No real reason to assume this is fact but it does seem to fit

the observation. Perhaps I will run out one day and hose the antenna down and see if this stops the static. |:).

This seems to be even more the case when I take my radio down to florida from north carolina. In florida we have afternnon storms that you can almost set your watch by. When they hit the haose I usally get a steady build up of noise then suddenly it dies down. It seems to die down durung the heaviest part of the rain.

3731. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 02:05:13 UTC
From: Mark@kb9rqz.aprs
Message-ID: <t5fpn259mronkqt22vlqhis925n81c45qe@4ax.com>
Source record: 48155
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap,rec.radio.shortwave

On Mon, 11 Dec 2006 01:49:53 GMT, Slow Code <my.mail@no.spam> wrote:

>

>
>Awww Jeez, not that crap again.

why do you crosspost crap to all the radio ng sc?
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3732. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 02:25:13 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1165803913.778514.234050@80g2000cwy.googlegroups.com>
Source record: 48156
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.amateur.misc

Slow Code wrote:
> Paul W. Schleck <pschleck@novia.net> wrote in
> news:457caa20$0$50437$540ea2cf@novia.net:
>
> > In <1165006566.247996.244140@n67g2000cwd.googlegroups.com>
> > LenAnderson@ieee.org writes:

> > 73, Paul W. Schleck, K3FU
>
>
> Good luck with it Paul. I look forward to seeing Markie, Lloydie, Woger,
> Todd, Steve, Brian, Lenny, U-Know-Who, John, Robert, Jimmie, Scott and all
> CW test haters and lazy asses put in the dumpster.

likely by then the test will be history but why would imagine it it
willstop and the rest from posting IF pauls ssytem shuts down one side
then the NG will die

> It will make usenet a
> much better place.

why?

>And a real hams can save ham radio from the dumb it
> downers.

real Hams have trying to save radio from the dumbed down code welfare
type like yourself
>
> Thanks, 73 de Slow Code

3733. Re: FCC suspends Felon's Amateur License

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 03:01:56 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <6gipn29556loi4lctldg1c3cofvkac8uup@4ax.com>
Source record: 48157

Please folks, do not reply to these off topic posts.

If these idiots never get any replies, they will eventually give up
and go away.

Thanks,

Bill, W6WRT

3734. Re: CW is ham history. It's what binds us and makes us unique.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 03:15:40 UTC
From: tools <tools@attwb.net>
Message-ID: <E34fh.25$TQ6.152725@news.sisna.com>
Source record: 48158
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy

"Slow Code" <my.mail@no.spam> wrote in message
news:1P2fh.8655$tM1.6912@newsread1.news.pas.earthlink.net...
> "Fools" <tools@attwb.net> wrote in news:_nVeh.2$sB6.103526@news.sisna.com:
>
>>
>> "Slow Code" <my.mail@no.spam> wrote in message
>> news:ITIeh.8315$sf5.1226@newsread4.news.pas.earthlink.net...
>>>
>>> Just listen to CB if you want to know what HF will sound like after
>>> code is eliminated. The very fact that you can run into people like
>>> Markie on HF should give you a clue as to how bad it can get.
>>>
>>> SC I
>>> like CB and HF. HF will be fine without code. Why we might even hear
>>> more that contests, we might hear more than "CQ CQ CQ this is......
>>> Thanks for the answer,.............CQ CQ CQ..... Why people might even
>>> TALK about news, life, help, opinion, why the people could even
>>> communicate all day long and easily understand each other. Oh, but the
>>> loss of that secrete club language, code, would hurt the club members
>>> soooooooo much. Ain't progress a bitch?
>
>
> It's not progress. Dumbing things down is a step backwards.
>
So, I guess you are a whiz at computer code too? If not, why are you here
blathering to the world? Or do you not support high quality computer users?
The computer can do so much more than radio, it need to keep the riff raff
out. CQ CQ CQ

3735. Re: 137Mhz antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 03:46:29 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <1w4fh.1169$U6.72@bigfe9>
Source record: 48159

"Jerry Martes" <j.jmartes@verizon.net> wrote in message
news:Z4Fah.13696$JQ.6142@trnddc06...
>
> "JIMMIE" <JIMMIEDEE123@YAHOO.COM> wrote in message
> news:1164580935.344052.135150@45g2000cws.googlegroups.com...
>>I want to built an antenna to receive weather images. I have done this
>> before using a simple dipole antenna. This time I was thinking of using
>> a pair of crossed dipoles and wanted to know if it would be best to
>> configure them as a circular polarized antenna feeding them 90 degrees
>> out of phase or as a turnstile antenna with both elements fed in-phase.
>> I have an old vhf aviation band converter that I think I can optimize
>> for 137Mhz use. I think the only thing else I need is a PC with a sound
>> card and the right software. This is the first time my daughter has
>> ever asked me for help with a GS project so I had better do this right.
>
> Hi Jimmie
>
> A turnstile antenna with reflectors is easy to build, and it works very
> well for APT image reception from NOAA satellites.
> If you build your weather satellite station from an aviation VHF
> receiver, you wont be searching for perfection. So, I strongly suggest
> that you avoid learning how to build a Quad helix.
> If you have interest in learning about designing antennas for APT
> imaging, I can show you how to construct an APT antenna that works better
> than a Quad Helix . I have an "Internet buddy" who publishes alot of
> the information I send him about the antenna concept that works a little
> better than a Quad Helix. He (Patrik Tast) publishes the data at
> http://213.250.83.83/~jerry/.
>
> Jerry
>

Thanks Jerry, Interesting fact, I just noticed I already had this site as a
favorite.

3736. Re: 137Mhz antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 03:56:33 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <tF4fh.1171$U6.1070@bigfe9>
Source record: 48160

Finally got to work on the antenna this weekend. My daughter sweated a couple of the copper joints. I think she sees this a sculpture. Also she got to hear some of the birds as they went overhead on the scanner. This was a big kick knowing she was hearing signals from space. Nice to know she isnt so jaded she cant appreciate something like this.

Jimmie

"ve1tv" <kartwood@gmail.com> wrote in message
news:1164589472.999880.94080@j44g2000cwa.googlegroups.com...
> Make sure that your converter has wide enough bandwidth.
> I built a turnstile antenna but found it almost useless. If you have
> time, check out the web for quadrafilar helix designs. I used this one:
>
> http://perso.wanadoo.es/dimoni/ant_qha.htm
>
> 73, Kevin
>
>
> JIMMIE wrote:
>> I want to built an antenna to receive weather images. I have done this
>> before using a simple dipole antenna. This time I was thinking of using
>> a pair of crossed dipoles and wanted to know if it would be best to
>> configure them as a circular polarized antenna feeding them 90 degrees
>> out of phase or as a turnstile antenna with both elements fed in-phase.
>> I have an old vhf aviation band converter that I think I can optimize
>> for 137Mhz use. I think the only thing else I need is a PC with a sound
>> card and the right software. This is the first time my daughter has
>> ever asked me for help with a GS project so I had better do this right.
>

3737. Re: Off topic vernacular designed to irritate others

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 12:28:04 UTC
From: Christopher Cox <chrisTOPHERcOX@coboxincORORATED.com>
Message-ID: <o9cfh.8063$Ye5.1269@tornado.ohiordc.rr.com>
Source record: 48161

Bill Turner wrote:
> Please folks, do not reply to these off topic posts.
>
> If these idiots never get any replies, they will eventually give up
> and go away.
>
> Thanks,
>
> Bill, W6WRT

I don't know Bill.

The condescending operator of a SPST switch is still here.
Hopefully he will operate his appliance like transmitter of 3 million
less transistors than the one he is sitting in front of and pound some
brass.

On topic, I hope to but up my Windom soon. Built an air core 4:1 balun
by wrapping 14 bifilar turns around a 1.24" PVC pipe. Testing with a
200-ohm dummy load, the balun seemed to work fine 20 meters und up, but
performed poorly at lower frequencies. I inserted two pieces of ferrite
rod and it now operates nicely down into 160 meters but not so well at 10.

Because the balun is working well on the intended bands, I potted it up
with epoxy and will hang the antenna soon. But it is frustrating that
the antenna will not probably do well on 10 meters.

Regards,

Chris KC8FRJ

3738. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 12:37:01 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1165840621.334971.131370@73g2000cwn.googlegroups.com>
Source record: 48162

Anyone who says you can't revive a dead horse with a good, firm beating has not met this group :)

I suspect that there are several points of agreement with the majority of the group, however not everyone will agree, heck I may choose to disagree with something right after I write it......

That dry wind will cause high voltage charging -and arcing- of insulated antennas and static noise, especially on long wires - that this is mostly friction charging, a similar mechanism to rubbing silk on glass, though charged body impact of dust may be relevant...
That dry, falling/blowing snow causes extreme levels of static noise on insulated antennas - by mixed phenomenon of friction static and charged body impact...
That static noise builds up as a rain front approaches, with or without associated wind... That this static noise is separate from lighting discharge impulses....
That lightning discharges cause noise - inductive noise...
That rain causes static noise on insulated antennas - charged body impact primarily, I don't know about friction charge...
That heavy rain 'may' lessen associated static noise....
< I haven't personally experienced this - is it the magnitude of the rainfall or the fact that the highly charged front has passed on by and the falling drops are now less charged?>
That a grounded tower with an antenna stack can have the top antenna experience heavy static noise while lower antennas will have significantly less static roar...
<my opinion is that coronal discharge from the top antenna elements is inducing noise into the top antenna circuit, and that the coronal flow that would have occurred off the lower antenna elements is suppressed and drained to the top antenna by the differential voltage on the higher antenna>

So, in the end it may be that the charging of the antenna circuit by either friction or charged body impact causes less noise than the subsequent coronal flow back off the highly charged antenna body... We know that the antenna is a "convertor", that is it converts a moving electron departing the antenna into a photon - and vice versa - causing an RF signal in the process...
Certainly, this topic of the role that coronal discharge v/s the charging mechanism plays in antenna noise would make a good dissertation subject for a PhD thesis... Doctoral candidates out there, hint, hint!...

denny

3739. Re: Material of wire: does it affect a loop antenna's performance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 12:41:32 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1165840892.800130.168480@n67g2000cwd.googlegroups.com>
Source record: 48163

I can see it now, Cecil - Fox Hunts of the future!
Pull into the gas station, pump 20 gallons of Super Unleaded into the
tank, and 12 pints of Helium 3 into the Dewar flask...
denny / k8do

Cecil Moore wrote:
If you want
a really efficient AM loop, use a super-conductor. :-)

3740. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 13:26:03 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <L%cfh.5823$Ga1.1828@newssvr12.news.prodigy.net>
Source record: 48164

Yuri Blanarovich wrote:
> 1. One that W5DXP experienced in dry winds of Arizona, is charging of metal
> parts by air mass movement and generated charge by it.

Incidentally, there was a special on the Discovery
Channel about man colonizing the other planets.
They said one of the main dangers to life on Mars
was the charged iron oxide particles during a
Martian dust storm.
--
73, Cecil http://www.w5dxp.com

3741. Re: Off topic vernacular designed to irritate others

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 13:58:33 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <dudfh.5960$Ga1.3626@newssvr12.news.prodigy.net>
Source record: 48165

Christopher Cox wrote:
> On topic, I hope to but up my Windom soon.

Are you using the single wire vertical
feedline that is characteristic of a Windom?
--
73, Cecil http://www.w5dxp.com

3742. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 14:43:57 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1165848237.663891.310890@j44g2000cwa.googlegroups.com>
Source record: 48166

yeah, that would be a bitch... Trudging through a 200mph sand storm at
-200F, dog tired from working12 hours in the mine, hungry, thirsty,
and get to the airlock going into the station, reach out for the handle
and have a 20,000 volt charge blow a hole through your glove and
fingers, and you die from explosive decompression....

denny

Cecil Moore wrote:
> Yuri Blanarovich wrote:
> > 1. One that W5DXP experienced in dry winds of Arizona, is charging of metal
> > parts by air mass movement and generated charge by it.
>
> Incidentally, there was a special on the Discovery
> Channel about man colonizing the other planets.
> They said one of the main dangers to life on Mars
> was the charged iron oxide particles during a
> Martian dust storm.
> --
> 73, Cecil http://www.w5dxp.com

3743. Re: Laziness is no reason to destroy quality radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 14:46:49 UTC
From: Not Cocksucker Lloyd <not_time_turd_lloyd@yahoo.com>
Message-ID: <1165848409.484923.25510@l12g2000cwl.googlegroups.com>
Source record: 48167
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.amateur.misc

Slow Code wrote:
> Paul W. Schleck <pschleck@novia.net> wrote in
> news:457caa20$0$50437$540ea2cf@novia.net:
>
> > In <1165006566.247996.244140@n67g2000cwd.googlegroups.com>
> > LenAnderson@ieee.org writes:
> >
> >> Where is Paul Schleck these days? Here it is 1 December and
> >> his "threatening" troika of "moderators" haven't yet appeared.
> >> I wonder if he has been appointed to a new cabinet post? You
> >> know, the "Department of Hamland Security"... :-)
> >
> >> Holiday regards,
> >> LA
> >
> > The member of our team that is finishing the final draft of the Request
> > for Discussion (RFD) agreed to a firm deadline of January 1, 2007. The
> > team has reviewed, and agreed to, prior working drafts of the RFD, as
> > well as submission guidelines for the proposed new newsgroup, so this is
> > just cleanup and tweaking at this point. The submission guidelines were
> > recently posted to misc.test.moderated. We will have an RFD to pass
> > along to the news.announce.newsgroups moderator to crosspost to this
> > newsgroup shortly after January 1st. Moving the discussion period to
> > after Christmas is also desirable in order to have a bigger audience for
> > the RFD, and give everyone ample opportunity to provide feedback free of
> > holiday distractions and time demands.
> >
> > In the meantime, we've been testing the robomoderation software, Secure
> > Team-Based Usenet Moderation Program (STUMP). Several
> > rec.radio.amateur.policy participants have graciously agreed to send us
> > test submissions, many of which we have approved and posted to
> > misc.test.moderated. At this point, anyone reading this newsgroup is
> > welcome to send us test postings. Send such submissions to:
> >
> > rec-radio-amateur-moderated@panix.com
> >
> > We'll process them as if they were actual submissions to the proposed
> > moderated newsgroup. Anything we approve will be posted to
> > misc.test.moderated, so please don't send anything to that address that
> > you don't want posted to Usenet, or at least add the text "not for
> > publication" or "do not approve." We would be particularly interested
> > in test postings that are PGP signed.
> >

> > Watch this space for further information after the first of the year.
> >
> > --
> > 73, Paul W. Schleck, K3FU
>
>
> Good luck with it Paul. I look forward to seeing Markie, Lloydie, Woger,
...and all
> CW test haters and lazy asses put in the dumpster.

Hey, dumbfuck, Roger passed 13 wpm CW for his General. Why don't you
know what the fuck youare talking about before you run your uninformed
fat yap?

3744. Re: CW is ham history. It's what binds us and makes us unique.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 14:56:23 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <0bsqn2d5sj49qq9papksavh4rh4kiksv6g@4ax.com>
Source record: 48168
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

Please folks, do not reply to these off topic posts.

If these idiots never get any replies, they will eventually give up
and go away.

Thanks,

Bill, W6WRT

3745. Re: Guide Lines for this news group

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 14:58:11 UTC
From: Not Cocksucker Lloyd <not_time_turd_lloyd@yahoo.com>
Message-ID: <1165849091.300946.122660@n67g2000cwd.googlegroups.com>
Source record: 48169
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy

Mark@kb9rqz.aprs wrote:
> On Fri, 08 Dec 2006 00:35:11 GMT, Slow Code <my.mail@no.spam> wrote:
>
> >hot-ham-and-cheese@hotmail.com wrote in
> >news:1165116776.575952.37510@16g2000cwy.googlegroups.com:
> >
> >>
> >> Slow Code wrote:
> >>> Danny Richardson <n_group@k6mhe.com> wrote in
> >>> news:tqh3n2h7gjtdevv66fvnmv0be7clnpf019@4ax.com:
> >>>
> >>> > On Sat, 02 Dec 2006 09:48:44 -0800, Bill Turner <noway@nowhow.com>
> >>> > wrote:
> >>> >
> >>> >>ORIGINAL MESSAGE:
> >>> >>
> >>> >>On Sat, 2 Dec 2006 08:19:07 -0800, "Caveat Lector" <CL@nowhere.com>
> >>> >> wrote:
> >>> >>
> >>> >>>Maybe this will help(a little) to get rid of the off topic posts
> >>> >>>
> >>> >>>For what this News Group is about and applicable guide lines see
> >>> >>>URL:
> >>> >>>
> >>> >>>http://www.faqs.org/faqs/radio/personal-intro/
> >>> >>>
> >>> >>>Thanks for reading
> >>> >>>73 CL
> >>> >>>
> >>> >>
> >>> >>------------ REPLY FOLLOWS ------------
> >>> >>
> >>> >>Dream on, CL. These guys already know that and they don't care. It's
> >>> >>been that way forever. It's the Curse of Usenet.
> >>> >>
> >>> >>Bill, W6WRT
> >>> >
> >>> > After years of resisting I'm ready for a moderated antenna group.
> >>> > I've used my kill filter more times in the last three months than
> >>> > I've ever done in the previous ten years.
> >>> >
> >>> > I, for one, am sick and tired of the foul-mouth off topic postings
> >>> > and, if that requires a moderated group to get rid of them it would

> >>> > be a very small price to pay.
> >>> >
> >>> > Danny,
> >>>
> >>>
> >>> I know what you mean Dan.
> >>
> >> No you don't. You're one of the foul-mouthed off-topic posters that
> >> Dan is complaining about.
> >>
> >>> With the anticipation that ham radio is going
> >>> to get dumbed down again real soon, the dumb-it-downers
> >>
> >> It got "dumbed-down" when a license was issued to you.
> >>
> >> BTW, what is your call?
> >
> >
> >Don't worry about my callsign.
>
> why not we think you don't have one

Just like "an old friend" is yours?

> > Just keep practicing CW.
>
> why? BB fuinds it usles to what he interested in as do I

Making excuses for your laziness, Marqueer?

> > No matter how fast
> >and good you already are at it you can always improve your skills.
>
> so what?

So you want them to just give you the General license instead of
working for it.

> i suspect I am the best Swordmans in RRAP so what

BWHAHAHAHAHA No, Markie, you are a gay blade, not the sharp blade.

3746. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 15:34:00 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <eljtpggkm1@aioe.org>
Source record: 48170

Denny wrote:
> Anyone who says you can't revive a dead horse with a good, firm beating
> has not met this group :)
> ...

Denny:

I am one calif born and raised boy who has only been though other states on visits only lasting weeks, or passing through. I find the subject quite interesting and have never had to deal with this on a level which has been aggravating or annoying.

Indeed, the worst experience I have ever had is crossing nylon carpets on very dry days in well insulated footwear. However, I have heard horror stories of purplish cornea discharges from antennas which are a sight to behold.

Just as in school, each new generation learns, this is one calif boy who is new generation in his 50's! (and I hate faq's!)

Regards,
JS

3747. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 15:37:01 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <xWefh.28601$wP1.18888@newssvr14.news.prodigy.net>
Source record: 48171

Denny wrote:
> That dry wind will cause high voltage charging -and arcing- of
> insulated antennas and static noise, especially on long wires - that
> this is mostly friction charging, a similar mechanism to rubbing silk
> on glass, though charged body impact of dust may be relevant...

One wonders if only nitrogen and oxygen molecules
rubbing on copper can cause that effect.
--
73, Cecil http://www.w5dxp.com

3748. Re: Off topic vernacular designed to irritate others

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 16:00:44 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <eljvbj$k4n$3@aioe.org>
Source record: 48172

Cecil Moore wrote:
> Christopher Cox wrote:
>> On topic, I hope to but up my Windom soon.
>
> Are you using the single wire vertical
> feedline that is characteristic of a Windom?

Cecil:

He shouldn't have potted it. Just use a mechanism to remotely remove
the ferrite core at 10 meters and insert if for the lower bands!

Regards,
JS

3749. Re: Material of wire: does it affect a loop antenna's performance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 16:04:57 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <eljvk0lkd1@aioe.org>
Source record: 48173

Denny wrote:
> I can see it now, Cecil - Fox Hunts of the future!
> Pull into the gas station, pump 20 gallons of Super Unleaded into the
> tank, and 12 pints of Helium 3 into the Dewar flask...
> denny / k8do
>
> Cecil Moore wrote:
> If you want
> a really efficient AM loop, use a super-conductor. :-)
>

Denny:

Helium wells? Naa, they are a myth just like hydrogen wells are, Arnold is just blowing smoke when he wants more californian's using hydrogen cars. At least, I think we still get hydrogen the old fashioned way, by using electricity to break water down into oxygen and hydrogen. And, we still get electricity the old fashioned way, by burning oil in generating plants!

Ahhh, California, the land of smoke and mirrors!

Regards,
JS

3750. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 16:07:53 UTC
From: Pedro Sanchez <Dr.PedroSanchez@yahoo.com>
Message-ID: <rh0rn25t3b1kq6ptcoa09n2pdc3dl9kuum@bbb.org>
Source record: 48174
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

On Sat, 9 Dec 2006 12:54:45 -0600, "amdx" <amdx@knology.net> wrote:

>
>"Pedro Sanchez" <Dr.PedroSanchez@yahoo.com> wrote in message
>news:tlhln21ea8hotjv4bi97eam2vl20v801ff@bbb.org...
>> On Sat, 9 Dec 2006 09:06:20 -0500, "Slow Code" <my.mail@no.spam>
>> wrote:
>>
>>>Hey Steve, does your landlord let you put up an antenna? Mine won't. :-((
>>
>> Shove those antenna up the landlords ass. Ask him if he would rather
>> have the antenna in the air or up his ass. If he says he wants it up
>> his ass then break it off for him.
>>
>> Landlords suck assholes.
>>
> Gee, maybe you should save your money and buy your OWN home,
>then you can do what you want with it.
> An even better experience would be, buy a home with your own money
>and rent it to those that think "Landlords suck assholes"
> After a few missed rent payments your outlook will suddenly change, you
>will
>wonder why does that %^&$#^$ think I should support him. It's not my fault
>he lost
>a job, got fired, car broke down, had to take the kid to the emergency room.
>It's not my fault he didn't save any money for a rainy day!
> My most fun story is the guy that replaced a mailbox, he was in the middle
>of
> being kicked out. He went out and bought a $40 mailbox expecting me to pay
>for it.
>I told him to keep the mailbox. When he left he took the mailbox. The post
>for this
>mailbox was a buried telephone pole, it wasn't going anywhere.
> When I installed my new $5.00 mailbox I mounted a 2"x6" board to the pole
>with
>5" x 5/16" lag bolts, then I mounted the mailbox to the 2x6 with seven 3
>1/4" drywall
>screws.
> I would have liked to seen his face when he whacked that mailbox and it
>didn't go
>flying away. I hope he didn't hurt himself, NOT
> He was gone about three days before he did this. I waited another week and
>put up a new mailbox.

> Mike
> PS. One day the toilet overflowed I had to remove about 40 kotex from the
>sewer
>pipe one cold day in January.
>
>PSS. sold all the rentals no more %^&$#^$ to put up with.
>

So, you're saying you like/defend suck-asshole asshole landlords? or
what?

3751. Re: Material of wire: does it affect a loop antenna's performance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 16:13:30 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <elk03gmfh1@aioe.org>
Source record: 48175

John Smith wrote:
> ...
> Helium wells? Naa, they are a myth just like hydrogen wells are, Arnold
> ...
> Regards,
> JS

And before someone calls me on it, yes, I do know there is helium
trapped in oil wells!

JS

3752. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 16:30:40 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <ag1rn2l73558rhm86f3o7q3240stpsoslq@4ax.com>
Source record: 48176

On 11 Dec 2006 04:37:01 -0800, "Denny" <k8do@mailblocks.com> wrote:

>Anyone who says you can't revive a dead horse with a good, firm beating
>has not met this group :)

Hi Denny,

... and then you proceed to whip the asphalt through its stripped rib
cage. Bored?

>antenna is a "convertor"
You are robbing Art's rice bowl.

73's
Richard Clark, KB7QHC

3753. Re: Off topic vernacular designed to irritate others

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 16:48:24 UTC
From: Christopher Cox <chrisTOPHERcOX@coboxincORORATED.com>
Message-ID: <sZffh.3369$SJ3.867@tornado.ohiordc.rr.com>
Source record: 48177

John Smith wrote:
> Cecil Moore wrote:
>
>> Christopher Cox wrote:
>>
>>> On topic, I hope to but up my Windom soon.
>>
>>
>> Are you using the single wire vertical
>> feedline that is characteristic of a Windom?
>
>
> Cecil:
>
> He shouldn't have potted it. Just use a mechanism to remotely remove
> the ferrite core at 10 meters and insert if for the lower bands!
>
> Regards,
> JS

Hi Guys,

No, I am using a 4:1 to feed the horizontal portion of the Windom and a 1:1 ferrite choke balun 10 feet vertically down from there. I have seen some favorable reviews of the design and wanted to give it a go.

My desire was to use items I had laying around the shop from previous projects. I am beginning to see the advantages to perhaps purchasing a toroid for the 4:1 balun.

Well, time to hang this new creation and see how well it works (or doesn't).

Regards,

Chris KC8FRJ

3754. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 17:01:59 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <bagfh.4812$Gr2.3190@newssvr21.news.prodigy.net>
Source record: 48178

John Smith wrote:
> Indeed, the worst experience I have ever had is crossing nylon carpets
> on very dry days in well insulated footwear.

In Odessa, TX, I once went potty after doing exactly
that and drew a two inch arc from the water in the
john. OUCH!!!

> However, I have heard
> horror stories of purplish cornea discharges from antennas which are a
> sight to behold.

One of the strangest cases of corona that I ever
saw was a ham driving down CA Highway 1 near Monterrey
in the fog. It looked for all the world like he had
a reddish light on top of his whip. The CA highway
patrol even stopped him for it. I don't know if
he got a ticket or not.
--
73, Cecil http://www.w5dxp.com

3755. Re: Material of wire: does it affect a loop antenna's performance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 17:03:51 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Xbgfh.4813$Gr2.4591@newssvr21.news.prodigy.net>
Source record: 48179

John Smith wrote:
> Ahhh, California, the land of smoke and mirrors!

I thought it was fruits and nuts.
--
73, Cecil http://www.w5dxp.com

3756. Re: Material of wire: does it affect a loop antenna's performance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 17:05:21 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <ldgfh.4814$Gr2.1574@newssvr21.news.prodigy.net>
Source record: 48180

John Smith wrote:
> And before someone calls me on it, yes, I do know there is helium
> trapped in oil wells!

Virtually all of the known trapped helium in
the world is in Texas. Wonder how it got there?
--
73, Cecil http://www.w5dxp.com

3757. Re: Material of wire: does it affect a loop antenna's performance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 17:15:58 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <elk3ok$uj1$1@aioe.org>
Source record: 48181

Cecil Moore wrote:
> John Smith wrote:
>> Ahhh, California, the land of smoke and mirrors!
>
> I thought it was fruits and nuts.

Cecil:

There are sometimes I should just keep my mouth shut (or fingers silent
on the keyboard), least I be unforgivably un-politically correct, this
is one of those times. <evil grin>

I look forward to retirement--and leaving calif :)

Regards,
JS

3758. Re: Off topic vernacular designed to irritate others

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 17:17:13 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <togfh.4816$Gr2.731@newssvr21.news.prodigy.net>
Source record: 48182

Christopher Cox wrote:
> No, I am using a 4:1 to feed the horizontal portion of the Windom and a
> 1:1 ferrite choke balun 10 feet vertically down from there.

Technically, that's an OCF, off-center-fed dipole.
A Windom antenna is fed with a "single-wire
feeder connected 14% off center", according to my
1957 "The ARRL Radio Amateur's Handbook". Just a
little ham radio trivia FYI.
--
73, Cecil http://www.w5dxp.com

3759. Re: Laziness is no reason to destroy quality radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 17:39:15 UTC
From: Mark@kb9rqz.aprs
Message-ID: <3t5rn2pvbnsg68e11hrjrjttopv2uijqvq@4ax.com>
Source record: 48183
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.amateur.misc

On 11 Dec 2006 06:46:49 -0800, "Not Cocksucker Lloyd"
<not_time_turd_lloyd@yahoo.com> wrote:

>Slow Code wrote:
>> Paul W. Schleck <pschleck@novia.net> wrote in
>> news:457caa20$0$50437$540ea2cf@novia.net:
>>

>> Good luck with it Paul. I look forward to seeing Markie, Lloydie, Woger,
>...and all
>> CW test haters and lazy asses put in the dumpster.
>
>Hey, dumbfuck, Roger passed 13 wpm CW for his General. Why don't you
>know what the fuck youare talking about before you run your uninformed
>fat yap?

for the same reason you don't you are both stupid
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3760. Re: Off topic vernacular designed to irritate others

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 17:40:48 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <elk576$22u$1@aioe.org>
Source record: 48184

Christopher Cox wrote:
> John Smith wrote:
>> Cecil Moore wrote:
>> ...
>>> Christopher Cox wrote:
>>> ...
> Well, time to hang this new creation and see how well it works (or
> doesn't).
>
> Regards,
>
> Chris KC8FRJ
>

Too bad. I was just formulating ideas on how to market the device as a
"variable permeability balun." :(

Regards,
JS

3761. Re: How does that meter work?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 17:41:01 UTC
From: Philo <philo@nospampse.be>
Message-ID: <NKgfh.231573$Or7.5211172@phobos.telenet-ops.be>
Source record: 48185

"Jimmie D" <jimmiedee@bellsouth.net> wrote in message
news:%v2fh.4720$SV1.4128@bignews1.bellsouth.net...
>
> "Antonio Vernucci" <vernucci@tin.it> wrote in message
> news:457b255f$0$16151$4fafbaef@reader3.news.tin.it...
>>> Aside from that, there is no need to be concerned about a meter
>>> reading for a receiver that is turned off. In short, any attempt to
>>> force a mechanical zero would be negated by the "electrical zero" set
>>> and S-9 calibration.
>>
>> Yes, I agree that is in principle there is no need to be concerned about
>> a meter reading for a receiver that is turned off. But I am instead
>> concerned about that, because I like to have all my equipment in perfect
>> order, and a meter that does not stay on its zero when the radio is
>> turned off is something that I dislike and anyway wish to fix.
>>
>> If I would not have had such requirement, I would not have put the
>> question because it is fairly evident that, when the radio is on, the
>> zero can be adjusted by means of the control indicated in the manual. All
>> old receivers have a zero control for the S-meter.
>>
>> Moreover, the same problem anyway occurs for the RF output meter of the
>> matching transmitter (Hallicrafters HT44), which is of the same type. But
>> in the HT44 there is no electrical zero adjustment control, so the only
>> way of zeroing the meter is to open it and adjusting it mechanically.
>>
>> By the way, in the meantime I have found the way of zeroing the meter, so
>> it is no longer an issue.
>>
>> 73
>>
>> Tony I0JX
>>
> A lot of meters dont "zero" on purpose. This area of the meter is
> inherently inaccurate so they are biased off of this point either
> electrically, mechanicanically or even magnetically on purpose. Forcing
> these meters to do otherwise isnt always making them"right". Unless there
> is some indication that there is an inaccuracy with the meter and zeroing
> will help it is best left alone. For example I have a linear scale
> capcitance meter that must be"zeroed" at about 2pf for it to be accurate
> on the rest of the scale. Perhaps one day I will solve this problem by
> replacing the 50uA meter movement with a digital meter but it has served
> me well for 30 years so I think I will leave it "as is" for now. I guess I
> could make it "zero" on power off by applying a bias voltage to the meter

> when it is on to slightly move the meter off the peg but attempts to do
> this have shown that it would significantly complicate the circuitry and
> comprimise accuracy.
>
> Jimmie
>
I hope Antonio never comes accross a device with a bolometer. It would make
his life miserable.

3762. Re: Guide Lines for this news group

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 17:42:28 UTC
From: Mark@kb9rqz.aprs
Message-ID: <116rn2hktrg8jqafbmrmbra120sv9ei4vi@4ax.com>
Source record: 48186
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy

```
On 11 Dec 2006 06:58:11 -0800, "Not Cocksucker Lloyd"
<not_time_turd_lloyd@yahoo.com> wrote:

>
>Mark@kb9rqz.aprs wrote:
>> On Fri, 08 Dec 2006 00:35:11 GMT, Slow Code <my.mail@no.spam> wrote:
>>
>> >hot-ham-and-cheese@hotmail.com wrote in
>> >news:1165116776.575952.37510@16g2000cwy.googlegroups.com:
>> >
>> >>
>> >> Slow Code wrote:
>> >>> Danny Richardson <n_group@k6mhe.com> wrote in
>> >>> news:tqh3n2h7gjtdevv66fvnmv0be7clnpf019@4ax.com:
>> >>>
>> >>> > On Sat, 02 Dec 2006 09:48:44 -0800, Bill Turner <noway@nowhow.com>
>> >>> > wrote:
>> >>> >
>> >>> >>ORIGINAL MESSAGE:
>> >>> >>
>> >>> >>On Sat, 2 Dec 2006 08:19:07 -0800, "Caveat Lector" <CL@nowhere.com>
>> >>> >> wrote:
>> >>> >>
>> >>> >>>Maybe this will help(a little) to get rid of the off topic posts
>> >>> >>>
>> >>> >>>For what this News Group is about and applicable guide lines see
>> >>> >>>URL:
>> >>> >>>
>> >>> >>>http://www.faqs.org/faqs/radio/personal-intro/
>> >>> >>>
>> >>> >>>Thanks for reading
>> >>> >>>73 CL
>> >>> >>>
>> >>> >>
>> >>> >>------------ REPLY FOLLOWS ------------
>> >>> >>
>> >>> >>Dream on, CL. These guys already know that and they don't care. It's
>> >>> >>been that way forever. It's the Curse of Usenet.
>> >>> >>
>> >>> >>Bill, W6WRT
>> >>> >
>> >>> > After years of resisting I'm ready for a moderated antenna group.
>> >>> > I've used my kill filter more times in the last three months than
```

>> >>> > I've ever done in the previous ten years.
>> >>> >
>> >>> > I, for one, am sick and tired of the foul-mouth off topic postings
>> >>> > and, if that requires a moderated group to get rid of them it would
>> >>> > be a very small price to pay.
>> >>> >
>> >>> > Danny,
>> >>>
>> >>>
>> >>> I know what you mean Dan.
>> >>
>> >> No you don't. You're one of the foul-mouthed off-topic posters that
>> >> Dan is complaining about.
>> >>
>> >>> With the anticipation that ham radio is going
>> >>> to get dumbed down again real soon, the dumb-it-downers
>> >>
>> >> It got "dumbed-down" when a license was issued to you.
>> >>
>> >> BTW, what is your call?
>> >
>> >
>> >Don't worry about my callsign.
>>
>> why not we think you don't have one
>
>Just like "an old friend" is yours?

never said it was

my call is kb9rqz

>
>> > Just keep practicing CW.
>>
>> why? BB fuinds it usles to what he interested in as do I
>
>Making excuses for your laziness, Marqueer?

stating facts woger
>
>> > No matter how fast
>> >and good you already are at it you can always improve your skills.
>>
>> so what?
>
>So you want them to just give you the General license instead of
>working for it.

no I don't I want a test that relates to the prevledges grranted
>
>> i suspect I am the best Swordmans in RRAP so what

>
>BWHAHAHAHAHA No, Markie, you are a gay blade, not the sharp blade.

well woger if you ever decided to comit trespassing and get close
enough you willfind out
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3763. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 18:31:06 UTC
From: D Peter Maus <DPeterMaus@worldnet.att.net>
Message-ID: <Kthfh.187343$Fi1.8297@bgtnsc05-news.ops.worldnet.att.net>
Source record: 48187
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

Cecil Moore wrote:
> Brenda Ann wrote:
>> Covenant communities should be outlawed.
>
> Actually, all that is needed is for consumers to
> reject covenant communities, as I have always
> done.

Tough to do, today. In a number of states, Illinois being one, new developments are required to have HOA's with a standard, boilerplate CC&R statement provided by the Assembly for simplicity.

Pre-existing non HOA communities are forming HOA's to protect themselves from intrusion by commercial interests that cannot get traction in other HOA communities.

AND...in at least two counties, here, there are basic CC&R's in place on undeveloped land, levied by county boards, in speculation that developers may wish to move that way. Meaning, you can buy a piece of land in deep weeds, build a home with your own hands, and before you close the door, be in violation of antenna restrictions. Even though the nearest neighbor may be an hour away.

Rejecting HOA communities, today, may mean having to move a half a continent away.

You can't even homestead property on the tundra, anymore.

3764. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 18:34:19 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1165862059.936305.27940@n67g2000cwd.googlegroups.com>
Source record: 48189
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

D Peter Maus wrote:
> Cecil Moore wrote:
> > Brenda Ann wrote:
> >> Covenant communities should be outlawed.
> >
> > Actually, all that is needed is for consumers to
> > reject covenant communities, as I have always
> > done.
>
>
> Tough to do, today. In a number of states, Illinois being one, new
> developments are required to have HOA's with a standard, boilerplate
> CC&R statement provided by the Assembly for simplicity.

when did Illinois do that
>
> Pre-existing non HOA communities are forming HOA's to protect
> themselves from intrusion by commercial interests that cannot get
> traction in other HOA communities.
>
> AND...in at least two counties, here, there are basic CC&R's in place
> on undeveloped land, levied by county boards, in speculation that
> developers may wish to move that way. Meaning, you can buy a piece of
> land in deep weeds, build a home with your own hands, and before you
> close the door, be in violation of antenna restrictions. Even though the
> nearest neighbor may be an hour away.

glad I left the state a few years back
>
> Rejecting HOA communities, today, may mean having to move a half a
> continent away.
>
> You can't even homestead property on the tundra, anymore.

well I hard live in tunadra and your tendecy for hyperbole makes me
question the accuratcy of what you are saying

3765. Re: Off topic vernacular designed to irritate others

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 18:34:27 UTC
From: Christopher Cox <chrisTOPHERcOX@coboxincORORATED.com>
Message-ID: <Twhfh.8088$Ye5.6065@tornado.ohiordc.rr.com>
Source record: 48188

John Smith wrote:
> Christopher Cox wrote:
>
>> John Smith wrote:
>>
>>> Cecil Moore wrote:
>>> ...
>>>
>>>> Christopher Cox wrote:
>>>> ...
>>
>> Well, time to hang this new creation and see how well it works (or
>> doesn't).
>>
>> Regards,
>>
>> Chris KC8FRJ
>>
>
> Too bad. I was just formulating ideas on how to market the device as a
> "variable permeability balun." :(
>
> Regards,
> JS

Cool idea! Use some sort of mechanical device, servo, solenoid, screw,
to apply and withdraw the ferrite core.

Worth some play time later down the road.

Chris KC8FRJ

3766. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 18:39:30 UTC
From: D Peter Maus <DPeterMaus@worldnet.att.net>
Message-ID: <CBhfh.187375$Fi1.60949@bgtnsc05-news.ops.worldnet.att.net>
Source record: 48190
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

an_old_friend wrote:
> D Peter Maus wrote:
>> Cecil Moore wrote:
>>> Brenda Ann wrote:
>>>> Covenant communities should be outlawed.
>>> Actually, all that is needed is for consumers to
>>> reject covenant communities, as I have always
>>> done.
>>
>> Tough to do, today. In a number of states, Illinois being one, new
>> developments are required to have HOA's with a standard, boilerplate
>> CC&R statement provided by the Assembly for simplicity.
>
> when did Illinois do that

That's a good question. I don't believe it was in place when I
bought my house eleven years ago. But I've been hearing it now for a
number of years from sources within both the real estate community, and
media.

>> Pre-existing non HOA communities are forming HOA's to protect
>> themselves from intrusion by commercial interests that cannot get
>> traction in other HOA communities.
>>
>> AND...in at least two counties, here, there are basic CC&R's in place
>> on undeveloped land, levied by county boards, in speculation that
>> developers may wish to move that way. Meaning, you can buy a piece of
>> land in deep weeds, build a home with your own hands, and before you
>> close the door, be in violation of antenna restrictions. Even though the
>> nearest neighbor may be an hour away.
>
> glad I left the state a few years back

You are not alone in that sentiment. And I'm not far behind you.

3767. Re: Off topic vernacular designed to irritate others

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 18:40:16 UTC
From: Christopher Cox <chrisTOPHERcOX@coboxincORORATED.com>
Message-ID: <kChfh.4153$ja6.2228@tornado.ohiordc.rr.com>
Source record: 48191

Cecil Moore wrote:
> Christopher Cox wrote:
>
>> No, I am using a 4:1 to feed the horizontal portion of the Windom and
>> a 1:1 ferrite choke balun 10 feet vertically down from there.
>
>
> Technically, that's an OCF, off-center-fed dipole.
> A Windom antenna is fed with a "single-wire
> feeder connected 14% off center", according to my
> 1957 "The ARRL Radio Amateur's Handbook". Just a
> little ham radio trivia FYI.

As usual you are technically correct. Then again a Windom is a OCF being feed open wire style, one wire that is.... :-)

Much earlier in my radio days, our Scout Master set up a pseudo Windom. It was an OCF feed via ladder line. This ladder was coupled to 75ohm coax via a 4:1 balun. Stray RF entering the shack was a constant problem. This is why the design of this OCF caught my eye, using a 1:1 choke 1/4 wavelength down the feed line for 15 meters seems like a good idea.

Just seems to be an evolution via good ideas being applied to already good design.

Regards,

Chris KC8FRJ

3768. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 19:15:44 UTC
From: an old fiend <Mark@kb9rqz.apr>
Message-ID: <457da198$0$15420$88260bb3@free.teranews.com>
Source record: 48192
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

"D Peter Maus" <DPeterMaus@worldnet.att.net> wrote in message
news:CBhfh.187375$Fi1.60949@bgtnsc05-news.ops.worldnet.att.net...
> an_old_friend wrote:
>> D Peter Maus wrote:
>>> Cecil Moore wrote:
>>>> Brenda Ann wrote:
>>>>> Covenant communities should be outlawed.
>>>> Actually, all that is needed is for consumers to
>>>> reject covenant communities, as I have always
>>>> done.
>>>
>>> Tough to do, today. In a number of states, Illinois being one, new
>>> developments are required to have HOA's with a standard, boilerplate
>>> CC&R statement provided by the Assembly for simplicity.
>>
>> when did Illinois do that
>
>
>
> That's a good question. I don't believe it was in place when I
> bought my house eleven years ago. But I've been hearing it now for a
> number of years from sources within both the real estate community, and
> media.
>
>
>>> Pre-existing non HOA communities are forming HOA's to protect
>>> themselves from intrusion by commercial interests that cannot get
>>> traction in other HOA communities.
>>>
>>> AND...in at least two counties, here, there are basic CC&R's in place
>>> on undeveloped land, levied by county boards, in speculation that
>>> developers may wish to move that way. Meaning, you can buy a piece of
>>> land in deep weeds, build a home with your own hands, and before you
>>> close the door, be in violation of antenna restrictions. Even though the
>>> nearest neighbor may be an hour away.
>>
>> glad I left the state a few years back
>
>
>
> You are not alone in that sentiment. And I'm not far behind you.
with the punce gotcha he wonders why I simple dont bother to ty impoving my
speling do u hav anyting cognet two say?

http://www.marksspamblog.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3769. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 19:30:50 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Klifh.6544$hl.1163@newssvr11.news.prodigy.net>
Source record: 48193
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

D Peter Maus wrote:
> Rejecting HOA communities, today, may mean having to move a half a
> continent away.

Texas ain't full yet. Y'all come on down.
--
73, Cecil http://www.w5dxp.com

3770. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 21:31:57 UTC
From: Mark@kb9rqz.aprs
Message-ID: <uhjrn2tg973pidur09dnb080smjbd440km@4ax.com>
Source record: 48194
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

```
On Mon, 11 Dec 2006 14:15:44 -0500, "an old fiend" <Mark@kb9rqz.apr>
wrote:
nope
>
>"D Peter Maus" <DPeterMaus@worldnet.att.net> wrote in message
>news:CBhfh.187375$Fi1.60949@bgtnsc05-news.ops.worldnet.att.net...
>> an_old_friend wrote:
>>> D Peter Maus wrote:
>>>> Cecil Moore wrote:
>>>>> Brenda Ann wrote:
>>>>>> Covenant communities should be outlawed.
>>>>> Actually, all that is needed is for consumers to
>>>>> reject covenant communities, as I have always
>>>>> done.
>>>>
>>>> Tough to do, today. In a number of states, Illinois being one, new
>>>> developments are required to have HOA's with a standard, boilerplate
>>>> CC&R statement provided by the Assembly for simplicity.
>>>
>>> when did Illinois do that
>>
>>
>>
>> That's a good question. I don't believe it was in place when I
>> bought my house eleven years ago. But I've been hearing it now for a
>> number of years from sources within both the real estate community, and
>> media.
>>
>>
>>>> Pre-existing non HOA communities are forming HOA's to protect
>>>> themselves from intrusion by commercial interests that cannot get
>>>> traction in other HOA communities.
>>>>
>>>> AND...in at least two counties, here, there are basic CC&R's in place
>>>> on undeveloped land, levied by county boards, in speculation that
>>>> developers may wish to move that way. Meaning, you can buy a piece of
>>>> land in deep weeds, build a home with your own hands, and before you
>>>> close the door, be in violation of antenna restrictions. Even though the
>>>> nearest neighbor may be an hour away.
>>>
>>> glad I left the state a few years back
>>
>>
```

>>
>> You are not alone in that sentiment. And I'm not far behind you.
>with the punce gotcha he wonders why I simple dont bother to ty impoving my
>speling do u hav anyting cognet two say?

more fraud
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3771. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 22:11:30 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <PtSdnWosPsUPSuDYnZ2dnUVZ_uzinZ2d@comcast.com>
Source record: 48195
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

D Peter Maus wrote:

> Cecil Moore wrote:
>
>> Brenda Ann wrote:
>>
>>> Covenant communities should be outlawed.
>>
>>
>> Actually, all that is needed is for consumers to
>> reject covenant communities, as I have always
>> done.
>
>
>
> Tough to do, today. In a number of states, Illinois being one, new
> developments are required to have HOA's with a standard, boilerplate
> CC&R statement provided by the Assembly for simplicity.
>
> SNIPPED

If the CC&R is "provided by the Assembly" is that to be understood as an agency
of government?

3772. Re: Off topic vernacular designed to irritate others

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 22:15:56 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <CqidnUxdKr4BReDYnZ2dnUVZ_oKnnZ2d@comcast.com>
Source record: 48196

Cecils' comment goes directly to the issue.

A WINDOM is a 136 feet long antenna that is fed 36% off center with a SINGLE
WIRE against ground.

No balun is necessary!!

Heck, no coax is necessary; or, no twin lead is necessary! Just a wire.

Anything advertised as a coax fed windom is NOT a WINDOM!!

/s/ DD

John Smith wrote:

> Cecil Moore wrote:
>
>> Christopher Cox wrote:
>>
>>> On topic, I hope to but up my Windom soon.
>>
>>
>> Are you using the single wire vertical
>> feedline that is characteristic of a Windom?
>
>
> Cecil:
>
> He shouldn't have potted it. Just use a mechanism to remotely remove
> the ferrite core at 10 meters and insert if for the lower bands!
>
> Regards,
> JS

3773. Re: Off topic vernacular designed to irritate others

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 22:32:46 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <S7edndX5LrkTQeDYnZ2dnUVZ_sjinZ2d@comcast.com>
Source record: 48197

Dave wrote:
> Cecils' comment goes directly to the issue.
>
> A WINDOM is a 136 feet long antenna that is fed 36% off center with a
> SINGLE WIRE against ground.
>
> No balun is necessary!!
>
> Heck, no coax is necessary; or, no twin lead is necessary! Just a wire.
>
> Anything advertised as a coax fed windom is NOT a WINDOM!!
>
> /s/ DD
>

Correction: fed 36% from one end, or 14% off center.

3774. Windom

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 23:13:15 UTC
From: Rick <ricknj10@hotmail.com>
Message-ID: <fClfh.1121$Lq2.388@newsfe12.lga>
Source record: 48198

Changing the subject to something more accurate

Dave wrote:
> Cecils' comment goes directly to the issue.
>
> A WINDOM is a 136 feet long antenna that is fed 36% off center with a
> SINGLE WIRE against ground.
>
> No balun is necessary!!
>
> Heck, no coax is necessary; or, no twin lead is necessary! Just a wire.
>
> Anything advertised as a coax fed windom is NOT a WINDOM!!
>
> /s/ DD
>

Correction: fed 36% from one end, or 14% off center.

3775. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-11 23:18:07 UTC
From: D Peter Maus <DPeterMaus@worldnet.att.net>
Message-ID: <PGlfh.188673$Fi1.105005@bgtnsc05-news.ops.worldnet.att.net>
Source record: 48199
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

Dave wrote:
> D Peter Maus wrote:
>
>> Cecil Moore wrote:
>>
>>> Brenda Ann wrote:
>>>
>>>> Covenant communities should be outlawed.
>>>
>>>
>>> Actually, all that is needed is for consumers to
>>> reject covenant communities, as I have always
>>> done.
>>
>>
>>
>> Tough to do, today. In a number of states, Illinois being one, new
>> developments are required to have HOA's with a standard, boilerplate
>> CC&R statement provided by the Assembly for simplicity.
>>
>> SNIPPED
>
> If the CC&R is "provided by the Assembly" is that to be understood as an
> agency of government?
>
>

The Assembly is an agency of government, yes. The boilerplate CC&R's provided, as I've read them, are provided as a guideline. Local HOA's are free to amend them as necessary, or as desired. Or to create CC&R's of their own.

There are in a number of states, now--Maryland and Delaware among them--agencies of government which, at least in theory, oversee the operations of HOA's within the state, and are the authority to which residents may appeal cases of malfeasance, or abuse. In Maryland, this agency has relatively broad powers, and works quite effectively at bringing errant HOA's into compliance. In other states...not so.

In many states, HOA's, and their oversight agencies, are not aware of the federal exemption protecting TV and small dish antennae, Ham and CB antennae, and--at least in the opinion of a couple of FCC Commissioners--shortwave receiving antennae. It's up to the homeowner to keep current of the regs, rulings and opinions of FCC regarding antennae

for radio hobbycraft. These may be the homeowner's only weapons when the issue becomes heated on the front lawn.

There is a growing number of books out there, today, regarding the gathering nightmare of HOA abuse, offering accurate information state by state, and remedies in the event of abuse. Do a websearch. There's a LOT of information out there.

3776. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 00:06:33 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <tOCdnYkMp6AUb-DYnZ2dnUVZ_uG3nZ2d@comcast.com>
Source record: 48200
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

D Peter Maus wrote:

>>> SNIPPED
>>
>>
>> If the CC&R is "provided by the Assembly" is that to be understood as
>> an agency of government?
>>
>>
>
>
> The Assembly is an agency of government, yes. The boilerplate CC&R's
> provided, as I've read them, are provided as a guideline. Local HOA's
> are free to amend them as necessary, or as desired. Or to create CC&R's
> of their own.
>
> There are in a number of states, now--Maryland and Delaware among
> them--agencies of government which, at least in theory, oversee the
> operations of HOA's within the state, and are the authority to which
> residents may appeal cases of malfeasance, or abuse. In Maryland, this
> agency has relatively broad powers, and works quite effectively at
> bringing errant HOA's into compliance. In other states...not so.
>
> In many states, HOA's, and their oversight agencies, are not aware of
> the federal exemption protecting TV and small dish antennae, Ham and CB
> antennae, and--at least in the opinion of a couple of FCC
> Commissioners--shortwave receiving antennae. It's up to the homeowner to
> keep current of the regs, rulings and opinions of FCC regarding antennae
> for radio hobbycraft. These may be the homeowner's only weapons when
> the issue becomes heated on the front lawn.
>
> There is a growing number of books out there, today, regarding the
> gathering nightmare of HOA abuse, offering accurate information state by
> state, and remedies in the event of abuse. Do a websearch. There's a
> LOT of information out there.

Your response goes right to the point. If the HOA is from a government entity
the PRB-1 exemption should be claimed and defended prior to purchase.

3777. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 00:16:33 UTC
From: D Peter Maus <DPeterMaus@worldnet.att.net>
Message-ID: <Bxmfh.473401$QZ1.398367@bgtnsc04-news.ops.worldnet.att.net>
Source record: 48201
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

Dave wrote:
> D Peter Maus wrote:
>
>
>>>> SNIPPED
>>>
>>>
>>> If the CC&R is "provided by the Assembly" is that to be understood as
>>> an agency of government?
>>>
>>>
>>
>>
>> The Assembly is an agency of government, yes. The boilerplate CC&R's
>> provided, as I've read them, are provided as a guideline. Local HOA's
>> are free to amend them as necessary, or as desired. Or to create
>> CC&R's of their own.
>>
>> There are in a number of states, now--Maryland and Delaware among
>> them--agencies of government which, at least in theory, oversee the
>> operations of HOA's within the state, and are the authority to which
>> residents may appeal cases of malfeasance, or abuse. In Maryland, this
>> agency has relatively broad powers, and works quite effectively at
>> bringing errant HOA's into compliance. In other states...not so.
>>
>> In many states, HOA's, and their oversight agencies, are not aware
>> of the federal exemption protecting TV and small dish antennae, Ham
>> and CB antennae, and--at least in the opinion of a couple of FCC
>> Commissioners--shortwave receiving antennae. It's up to the homeowner
>> to keep current of the regs, rulings and opinions of FCC regarding
>> antennae for radio hobbycraft. These may be the homeowner's only
>> weapons when the issue becomes heated on the front lawn.
>>
>> There is a growing number of books out there, today, regarding the
>> gathering nightmare of HOA abuse, offering accurate information state
>> by state, and remedies in the event of abuse. Do a websearch.
>> There's a LOT of information out there.
>
> Your response goes right to the point. If the HOA is from a government
> entity the PRB-1 exemption should be claimed and defended prior to
> purchase.
>

Absolutely. But how many really know about that exemption going in? And frankly, how many really think about this issue when the realtor is throwing around numbers?

You would. I would. There are others here who would.

But by and large, no. Home buyers, as a group do not consider this issue when making the purchase. Preferring to bitch after the fact.

Then, again, most HOA's that I've gotten to deal with have been absolutely unwilling to both answer questions or provide copies of bylaws and regulations to which they hold homeowners responsible. One former member, here--who worked at VOA for years, is an active ham and SWL--lived under the shadow of an HOA which refused to provide him a copy of the bylaws, even after a ruling in his favor by the Maryland HOA oversight agency.

You're right. Exemptions and unlawful restrictions SHOULD be claimed and defended prior to purchase.

It doesn't happen.

3778. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 00:20:22 UTC
From: Mark@kb9rqz.aprs
Message-ID: <fatrn2d01ks2p3767na4fqiu1skgnff63e@4ax.com>
Source record: 48202
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

On Mon, 11 Dec 2006 18:39:30 GMT, D Peter Maus
<DPeterMaus@worldnet.att.net> wrote:

>an_old_friend wrote:
>> D Peter Maus wrote:
>>> Cecil Moore wrote:
>>>> Brenda Ann wrote:
>>>>> Covenant communities should be outlawed.
>>>> Actually, all that is needed is for consumers to
>>>> reject covenant communities, as I have always
>>>> done.
>>>
>>> Tough to do, today. In a number of states, Illinois being one, new
>>> developments are required to have HOA's with a standard, boilerplate
>>> CC&R statement provided by the Assembly for simplicity.
>>
>> when did Illinois do that
>
>
>
> That's a good question. I don't believe it was in place when I
>bought my house eleven years ago. But I've been hearing it now for a
>number of years from sources within both the real estate community, and
>media.

it was not inplace in 1992 when I brought in central Illinois

>
>
>>> Pre-existing non HOA communities are forming HOA's to protect
>>> themselves from intrusion by commercial interests that cannot get
>>> traction in other HOA communities.
>>>
>>> AND...in at least two counties, here, there are basic CC&R's in place
>>> on undeveloped land, levied by county boards, in speculation that
>>> developers may wish to move that way. Meaning, you can buy a piece of
>>> land in deep weeds, build a home with your own hands, and before you
>>> close the door, be in violation of antenna restrictions. Even though the
>>> nearest neighbor may be an hour away.
>>
>> glad I left the state a few years back
>
>
>

> You are not alone in that sentiment. And I'm not far behind you.

yea around here almost no one cares what sort of anttnenas I put a
small strnge luthern sect hate any and all atennas down to rabbit ear
of a TV
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3779. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 00:23:10 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <elkspgshv1@news.service.uci.edu>
Source record: 48203

Cecil Moore wrote:

> The way I reduced the problem with open-ended antennas is
> to use heavily insulated wire. Bare conductors transfer
> all charges. 600 volt insulation blocks charge transfer. In
> my experience, 1000v insulation blocks most charge transfer.

Your radio doesn't actually hear clear down to DC, does it? :-)

The effect is heard as a result of the charge striking the antenna, thus changing the charge on the antenna. As you know, for a given capacitance, a 600 volt dielectric couples charge just as well as a 1000 volt dielectric. In such a case the 'pop' is capacitively coupled broadband noise. But whether the antenna is insulated or not, looped or not, the static noise is due to a rapid (albeit small) change in charge on the antenna being coupled by some means into the receiver.

> I use something called "Quietflex" that has 1000v insulation.
> Most of the precipitation static doesn't transfer to
> the antenna wire while RF waves/photons flow right
> through the insulation with little attenuation. I suspect
> plastic encased antennas are quieter than bare antennas.

Maybe. It would make sense that the amount of static noise coupled from the environment would be proportional to the coupling capacitance. Knowing that charge tends to gather on a surface, the thicker the 'dielectric', the lower the capacitance. A small series capacitor in most circuits would tend to differentiate an impulse, producing a signal which is proportional to the slope of the impulse. With larger values of capacitance the coupled signals tend to follow the input. So although it's not likely that insulation would reduce the number of noise 'events', it is possible that it would narrow the resulting broadband power spectrum. This could be helpful, as long as it narrows it in the part of the spectrum you happen to be using. ;-)

73, ac6xg

3780. Re: A different view of the code test option

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 00:40:16 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <QTmfh.8544$sf5.4566@newsread4.news.pas.earthlink.net>
Source record: 48204
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy

"AndyS" <andysharpe@juno.com> wrote in
news:1165851411.555463.246990@l12g2000cwl.googlegroups.com:

>
> Bill Turner wrote:
>> Please folks, do not reply to these off topic posts.
>>
>> If these idiots never get any replies, they will eventually give up
>> and go away.
>>
>> Thanks,
>>
>> Bill, W6WRT
>
> Andy writes:
> I agree with Bill W6WRT.
>
> Since I have seen so many postings about this on this newsgroup, I
> just ASSUMED that folks here wanted to talk about it.....

Andy, Welcome to the group.

A lot of people here want to talk about it and find your point of view on CW interesting reading. Just ignore Bill Turdner. Don't let his insults bother you, he likes to act like an asshole sometimes. If the ship he was on was sinking he wouldn't know about it until he was drowning. As far as your view that CW is just a hurdle to getting a license, I vote for keeping the hurdle. At least when they get licensed they have a skill then. To many of them just want to get a license and talk on a microphone. Any CB'er can to that.

SC

3781. Re: Laziness is no reason to destroy quality radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 00:40:22 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <WTmfh.8547$sf5.451@newsread4.news.pas.earthlink.net>
Source record: 48205
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.amateur.misc

"Not Cocksucker Lloyd" <not_time_turd_lloyd@yahoo.com> wrote in
news:1165848409.484923.25510@l12g2000cwl.googlegroups.com:

> Slow Code wrote:
>> Paul W. Schleck <pschleck@novia.net> wrote in
>> news:457caa20$0$50437$540ea2cf@novia.net:
>>
>> > In <1165006566.247996.244140@n67g2000cwd.googlegroups.com>
>> > LenAnderson@ieee.org writes:
>> >
>> >> Where is Paul Schleck these days? Here it is 1 December and
>> >> his "threatening" troika of "moderators" haven't yet appeared.
>> >> I wonder if he has been appointed to a new cabinet post? You
>> >> know, the "Department of Hamland Security"... :-)
>> >
>> >> Holiday regards,
>> >> LA
>> >
>> > The member of our team that is finishing the final draft of the
>> > Request for Discussion (RFD) agreed to a firm deadline of January 1,
>> > 2007. The team has reviewed, and agreed to, prior working drafts of
>> > the RFD, as well as submission guidelines for the proposed new
>> > newsgroup, so this is just cleanup and tweaking at this point. The
>> > submission guidelines were recently posted to misc.test.moderated.
>> > We will have an RFD to pass along to the news.announce.newsgroups
>> > moderator to crosspost to this newsgroup shortly after January 1st.
>> > Moving the discussion period to after Christmas is also desirable in
>> > order to have a bigger audience for the RFD, and give everyone ample
>> > opportunity to provide feedback free of holiday distractions and time
>> > demands.
>> >
>> > In the meantime, we've been testing the robomoderation software,
>> > Secure Team-Based Usenet Moderation Program (STUMP). Several
>> > rec.radio.amateur.policy participants have graciously agreed to send
>> > us test submissions, many of which we have approved and posted to
>> > misc.test.moderated. At this point, anyone reading this newsgroup is
>> > welcome to send us test postings. Send such submissions to:
>> >
>> > rec-radio-amateur-moderated@panix.com
>> >
>> > We'll process them as if they were actual submissions to the proposed
>> > moderated newsgroup. Anything we approve will be posted to
>> > misc.test.moderated, so please don't send anything to that address

>> > that you don't want posted to Usenet, or at least add the text "not
>> > for publication" or "do not approve." We would be particularly
>> > interested in test postings that are PGP signed.
>> >
>> > Watch this space for further information after the first of the year.
>> >
>> > --
>> > 73, Paul W. Schleck, K3FU
>>
>>
>> Good luck with it Paul. I look forward to seeing Markie, Lloydie,
>> Woger,
> ...and all
>> CW test haters and lazy asses put in the dumpster.
>
> Hey, dumbfuck, Roger passed 13 wpm CW for his General. Why don't you
> know what the fuck youare talking about before you run your uninformed
> fat yap?

Shut up, stupid.

SC

3782. You people still haven't told me why you're against skilled operators.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 00:40:25 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <ZTmfh.8550$sf5.3400@newsread4.news.pas.earthlink.net>
Source record: 48206
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment

You're all jealous of me. Is that it?

SC

3783. Re: Laziness is no reason to destroy quality radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 00:43:32 UTC
From: Mark@kb9rqz.aprs
Message-ID: <dourn2ton1uhv5ao3ms416fbbh9e893ub6@4ax.com>
Source record: 48207
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.amateur.misc

On Tue, 12 Dec 2006 00:40:22 GMT, Slow Code <my.mail@no.spam> wrote:

>"Not Cocksucker Lloyd" <not_time_turd_lloyd@yahoo.com> wrote in
>news:1165848409.484923.25510@l12g2000cwl.googlegroups.com:
>
>> Slow Code wrote:
>>> Paul W. Schleck <pschleck@novia.net> wrote in
>>> news:457caa20$0$50437$540ea2cf@novia.net:
>>>
>>> > In <1165006566.247996.244140@n67g2000cwd.googlegroups.com>

>> Hey, dumbfuck, Roger passed 13 wpm CW for his General. Why don't you
>> know what the fuck youare talking about before you run your uninformed
>> fat yap?
>
>
>Shut up, stupid.

why he is code tested and aproved Ham just the sort YOU want
>
>SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3784. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 00:48:06 UTC
From: Mark@kb9rqz.aprs
Message-ID: <81vrn21tfaqmuqpq4lu02lnl6fgqge55l9@4ax.com>
Source record: 48208
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.policy

On Tue, 12 Dec 2006 00:40:16 GMT, Slow Code <my.mail@no.spam> wrote:

>"AndyS" <andysharpe@juno.com> wrote in
>news:1165851411.555463.246990@l12g2000cwl.googlegroups.com:
>
>>
>> Bill Turner wrote:
>>> Please folks, do not reply to these off topic posts.
>>>
>>> If these idiots never get any replies, they will eventually give up
>>> and go away.
>>>
>>> Thanks,
>>>
>>> Bill, W6WRT
>>
>> Andy writes:
>> I agree with Bill W6WRT.
>>
>> Since I have seen so many postings about this on this newsgroup, I
>> just ASSUMED that folks here wanted to talk about it.....
>
>
>Andy, Welcome to the group.
>
>A lot of people here want to talk about it and find your point of view on
>CW interesting reading.

really?
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3785. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 00:49:22 UTC
From: Mark@kb9rqz.aprs
Message-ID: <c2vrn2d6f50tf42r8t9kluof14itanb246@4ax.com>
Source record: 48209
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment

On Tue, 12 Dec 2006 00:40:25 GMT, Slow Code <my.mail@no.spam> wrote:
You people still haven't told me why you're against skilled operators.
>You're all jealous of me. Is that it?
>
>SC

no we don't answer because we wanted skilled knowledgeable op unlike
you who agrees that your own proposals will result i No operators

the question is why do you want to KILL the ARS?
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3786. Re: You people still haven't told me why you're against skilled operators.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 00:52:26 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <e3nfh.4288$GB1.1437@tornado.texas.rr.com>
Source record: 48210
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment

"Slow Code" <my.mail@no.spam> wrote in message
news:ZTmfh.8550$sf5.3400@newsread4.news.pas.earthlink.net...
> You're all jealous of me. Is that it?
>
> SC

Nah, you're just an idiot.

3787. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 00:53:57 UTC
From: Mark@kb9rqz.aprs
Message-ID: <hcvrn2timt3ocfngtm50a1ec32qqag1fve@4ax.com>
Source record: 48211
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment

On Tue, 12 Dec 2006 00:52:26 GMT, "U-Know-Who" <no-one@nowhere.com>
wrote:

>
>"Slow Code" <my.mail@no.spam> wrote in message
>news:ZTmfh.8550$sf5.3400@newsread4.news.pas.earthlink.net...
>> You're all jealous of me. Is that it?
>>
>> SC
>
>Nah, you're just an idiot.
>
yes Tom he is that too
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3788. Crankup Antenna as Vertical

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 01:04:23 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <2enfh.5483$uY1.1344@bignews7.bellsouth.net>
Source record: 48212

I am considering using a crankup antenna as a1/4 wl antenna on 75/80m and was wondering if ther is any history of someone doing this and using the crankup feature for tuning the antenna. My guess is that it would be too difficult to maintain electrical contact between the movable and stationary pieces to be able to do this but still I am interested if anyone has successfully pulled this off and how they did it.

Jimmie

3789. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 01:24:37 UTC
From: Tom Donaly <dtdonaly@sbcglobal.net>
Message-ID: <pxnfh.6878$Ga1.6321@newssvr12.news.prodigy.net>
Source record: 48213

art wrote:
> Richard, we get bored at some of your comments on this group
> but we have learned to live with it
> When you want to get "bored" you go to San Francisco
>
>
> Richard Clark wrote:
>
>>On 11 Dec 2006 04:37:01 -0800, "Denny" <k8do@mailblocks.com> wrote:
>>
>>
>>>Anyone who says you can't revive a dead horse with a good, firm beating
>>>has not met this group :)
>>
>>Hi Denny,
>>
>>... and then you proceed to whip the asphalt through its stripped rib
>>cage. Bored?
>>
>>
>>>antenna is a "convertor"
>>
>>You are robbing Art's rice bowl.
>>
>>73's
>>Richard Clark, KB7QHC
>
>

Just what is that remark supposed to mean, Art?
73,
Tom Donaly, KA6RUH

3790. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 01:41:42 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ell1ctco1@aioe.org>
Source record: 48214

Tom Donaly wrote:
> ...
>> When you want to get "bored" you go to San Francisco
> ...

Tom:

I don't know about you, but I take the above as a warning! Well intentioned, and one best respected!

STAY OUT OF FRISCO!

Regards,
JS

3791. Re: kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 01:52:00 UTC
From: U-Know-Who <no-one@nowhere.com>
Message-ID: <4Xnfh.10013$qp1.5109@tornado.texas.rr.com>
Source record: 48215
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment

```
<Mark@kb9rqz.aprs> wrote in message
news:hcvrn2timt3ocfngtm50a1ec32qqag1fve@4ax.com...
> On Tue, 12 Dec 2006 00:52:26 GMT, "U-Know-Who" <no-one@nowhere.com>
> wrote:
>
>>
>>"Slow Code" <my.mail@no.spam> wrote in message
>>news:ZTmfh.8550$sf5.3400@newsread4.news.pas.earthlink.net...
>>> You're all jealous of me. Is that it?
>>>
>>> SC
>>
>>Nah, you're just an idiot.
>>
> yes Tom he is that too
> http://kb9rqz.blogspot.com/
>
> --
> Posted via a free Usenet account from http://www.teranews.com
>

Mark, please man, STFU! I don't need your approval or agreement. Just post
your drivel, and leave mine alone.
```

3792. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 02:24:23 UTC
From: Tom Donaly <dtdonaly@sbcglobal.net>
Message-ID: <rpofh.6888$Ga1.2109@newssvr12.news.prodigy.net>
Source record: 48216

John Smith wrote:
> Tom Donaly wrote:
>
>> ...
>>
>>> When you want to get "bored" you go to San Francisco
>
> > ...
>
> Tom:
>
> I don't know about you, but I take the above as a warning! Well
> intentioned, and one best respected!
>
> STAY OUT OF FRISCO!
>
> Regards,
> JS

John, I live just a few miles south of San Francisco. I've been living here since the early '70's. My wife and I go up there on a regular basis to go shopping and visit her relatives, who live there. Art was being an invidious pig and I called him on it. Now, Art, just what did you mean by that?
73,
Tom Donaly, KA6RUH

3793. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 02:43:13 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165891393.029017.159910@16g2000cwy.googlegroups.com>
Source record: 48217

. Art was
> being an invidious pig and I called him on it.

snip and I was responding to an invidious pig
When he stops these snide attacks on me then things
like this wouldn't happen Richard declined my hand on
all this because he says he enjoyes it
So as somebody said I am not here to be a lump on a log
that people feel they must take a hack at. Tom you have
been around this group for a long time and know how Richard is
and I am determined not to be trashed into oblivion like CHIP
in the face of attacks from him , Roy and others.
You only have to go back a few posts to see
examples of his trash towards me and I will retaliate, anyway
I can until he stops..... His choice
> 73,
> Tom Donaly, KA6RUH

3794. Re: Windom

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 02:50:56 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ell5ep$8fg$1@aioe.org>
Source record: 48218

Rick wrote:
> Changing the subject to something more accurate
>
>
> Dave wrote:
>> Cecils' comment goes directly to the issue.
>>
>> A WINDOM is a 136 feet long antenna that is fed 36% off center with a
>> SINGLE WIRE against ground.
>>
>> No balun is necessary!!
>>
>> Heck, no coax is necessary; or, no twin lead is necessary! Just a wire.
>>
>> Anything advertised as a coax fed windom is NOT a WINDOM!!
>>
>> /s/ DD
>>
>
> Correction: fed 36% from one end, or 14% off center.
>
>

You are correct (as was Cecil.)

I think "windom" has a wide use today and most off center fed antennas
are referred to as windom. Obviously, he would be better using the term
"off center fed dipole" as this link points out:

http://www.vk3eg.org/technical/xlwindom/xlwindomhtm.htm

Regards,
JS

3795. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 02:55:51 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ell5nv$909$1@aioe.org>
Source record: 48219

art wrote:
> . Art was
>> being an invidious pig and I called him on it.
> ...

Art:

Lighten up. If this fails to be a fun diversion, hobby, pursuit for
you, take up another hobby man!

When you cite richard for taxing your patience, do you ever think you
might tax others?

If you are going to give some fencing instructions, expect to take some
... perhaps this game is best suited for gentlemen?

Regards,
JS

3796. Re: Off topic vernacular designed to irritate others

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 03:02:45 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <ell64r$9qh$1@aioe.org>
Source record: 48220

Cecil Moore wrote:
> Christopher Cox wrote:
>> No, I am using a 4:1 to feed the horizontal portion of the Windom and
>> a 1:1 ferrite choke balun 10 feet vertically down from there.
>
> Technically, that's an OCF, off-center-fed dipole.
> A Windom antenna is fed with a "single-wire
> feeder connected 14% off center", according to my
> 1957 "The ARRL Radio Amateur's Handbook". Just a
> little ham radio trivia FYI.

This all got me thinking, have you ever designed a "Texas Windom?"
<serious look>

Regards,
JS

3797. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 03:06:13 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165892773.488575.142370@j44g2000cwa.googlegroups.com>
Source record: 48221

I remember being stranded at Chicago O Hare airport
because of snow conditions so I wasted time by putting my baggage in a
cart and walked around. While doing this some people were giggling and
I didnt know why until I realised that I had donned a sweater to keep
warm and it had spread across the front
.............SAN FRANCISCO.............
Do you think I went back and asked them why they was giggling?
I knew why..... so I took off the sweater and went for a nice cup of
coffe with a smile to myself. Would you like to have that sweater,? I
doubt it

art wrote:
> . Art was
> > being an invidious pig and I called him on it.
>
> snip and I was responding to an invidious pig
> When he stops these snide attacks on me then things
> like this wouldn't happen Richard declined my hand on
> all this because he says he enjoyes it
> So as somebody said I am not here to be a lump on a log
> that people feel they must take a hack at. Tom you have
> been around this group for a long time and know how Richard is
> and I am determined not to be trashed into oblivion like CHIP
> in the face of attacks from him , Roy and others.
> You only have to go back a few posts to see
> examples of his trash towards me and I will retaliate, anyway
> I can until he stops..... His choice
> > 73,
> > Tom Donaly, KA6RUH

3798. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 03:29:54 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165894194.591792.86130@j72g2000cwa.googlegroups.com>
Source record: 48222

As I said earlier, it is his choice Over ten or more years on this
newsgroup
I have witnessed a lot of trashing by him and others, but with me
it is going to be different. I can dish it out also..... and with a
vengance !
Again... his choice. I have no wish to join others in this newsgroup
where
crude rudeness is common but it appears that some want the newsgroup
to go that way. As for hobbies antennas are my hobby
so I am not going anywhere.tho others who don't like
it can go where they please.
One day John it may be your turn and you can play
gentleman if you want to because that is taken as a sign of
weakness here leaving you more prone to insults.
Learn fencing before it happens

John Smith wrote:
> art wrote:
> > . Art was
> >> being an invidious pig and I called him on it.
> > ...
>
> Art:
>
> Lighten up. If this fails to be a fun diversion, hobby, pursuit for
> you, take up another hobby man!
>
> When you cite richard for taxing your patience, do you ever think you
> might tax others?
>
> If you are going to give some fencing instructions, expect to take some
> ... perhaps this game is best suited for gentlemen?
>
> Regards,
> JS

3799. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 04:06:22 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <3Vpfh.164310$4Z1.45395@newsfe09.phx>
Source record: 48223

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:bagfh.4812$Gr2.3190@newssvr21.news.prodigy.net...

< snip >

> One of the strangest cases of corona that I ever
> saw was a ham driving down CA Highway 1 near Monterrey
> in the fog. It looked for all the world like he had
> a reddish light on top of his whip. The CA highway
> patrol even stopped him for it. I don't know if
> he got a ticket or not.
> --
> 73, Cecil http://www.w5dxp.com

I have heard it described on Navy ships but I've never seen it myself. One name is Saint Elmo's Fire. Googling for <"st elmo's fire" corona> produces quite a good lot. (Without the word _corona_ you get too many hits for the movie, St Elmo's Fire.")

"Sal"

3800. Re: Space modulation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 04:14:36 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <n0qfh.5552$uY1.5313@bignews7.bellsouth.net>
Source record: 48224

<shoppa@trailing-edge.com> wrote in message
news:1165340616.946522.206400@80g2000cwy.googlegroups.com...
> Jimmie D wrote:
>> I was going through some FAA course material on Instument Landing Systems
>> and the term SPACE MODULATION was mentioned several times. What the heck
>> is
>> this.
>
> I believe this was fully explained in a documentary I saw as a kid.
> Something about the Q-36 Explosive Space Modulator.
>
> Tim.
>

Was this Marvin the Martian?

Anyway I found that there truly is no such thing as space modulation. It is used to form a concept of how ILS beam patterns are formed and all modulation takes place in the receiver of the aircrafts ILS receiver. A few years ago The FAA dropped this as a way of teaching ILS concepts.

3801. Re: kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 04:17:02 UTC
From: Mark@kb9rqz.aprs
Message-ID: <g6bsn2p0ib41uunbm7df3rre1f0e3mon9c@4ax.com>
Source record: 48225
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment

On Tue, 12 Dec 2006 01:52:00 GMT, "U-Know-Who" <no-one@nowhere.com>
wrote:

>
><Mark@kb9rqz.aprs> wrote in message
>news:hcvrn2timt3ocfngtm50a1ec32qqag1fve@4ax.com...
>> On Tue, 12 Dec 2006 00:52:26 GMT, "U-Know-Who" <no-one@nowhere.com>
>> wrote:
>>
>>>
>>>"Slow Code" <my.mail@no.spam> wrote in message
>>>news:ZTmfh.8550$sf5.3400@newsread4.news.pas.earthlink.net...
>>>> You're all jealous of me. Is that it?
>>>>
>>>> SC
>>>
>>>Nah, you're just an idiot.
>>>
>> yes Tom he is that too
>> http://kb9rqz.blogspot.com/
>>
>> --
>> Posted via a free Usenet account from http://www.teranews.com
>>
>
>Mark, please man, STFU!

no Tom and do you have the slughest idea how stupid you looks after a
couple of of issuing orders you can't back up
>I don't need your approval or agreement.

funny I still have never claimed you did

>Just post
>your drivel, and leave mine alone.

well I try to avoid posting drivel although SC et all do make that
rough interesting to see you admit you post drivel
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3802. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 05:15:26 UTC
From: Tom Donaly <dtdonaly@sbcglobal.net>
Message-ID: <OVqfh.27457$qO4.1170@newssvr13.news.prodigy.net>
Source record: 48076

art wrote:
> . Art was
>
>>being an invidious pig and I called him on it.
>
>
> snip and I was responding to an invidious pig
> When he stops these snide attacks on me then things
> like this wouldn't happen Richard declined my hand on
> all this because he says he enjoyes it
> So as somebody said I am not here to be a lump on a log
> that people feel they must take a hack at. Tom you have
> been around this group for a long time and know how Richard is
> and I am determined not to be trashed into oblivion like CHIP
> in the face of attacks from him , Roy and others.
> You only have to go back a few posts to see
> examples of his trash towards me and I will retaliate, anyway
> I can until he stops..... His choice
>
>>73,
>>Tom Donaly, KA6RUH
>
>

Calm down, Art. Reg Edwards (PBUH) managed to stay in good humor
when he was the recipient of Richard's little bons mots, and you can
do at least as well as Reg in this regard. Chip managed to hold his own
without sinking to the level of a thirteen year old, and you can do that
too. (Although a few of Chip's alter egos were pretty far gone on the
puerile side.) You should emulate Cecil. He has the
hide of a Texas rhinoceros and never loses an argument (he never wins
one, either). As for your feelings about San Francisco, it's not like
you think it is, and even if it were, at your age no one's going to
ask you to play drop-the-soap no matter how eager you might be to
join the fun.
73,
Tom Donaly, KA6RUH

3803. Re: Laziness is no reason to destroy quality radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 06:05:11 UTC
From: LenAnderson@ieee.org
Message-ID: <1165903511.309120.256460@80g2000cwy.googlegroups.com>
Source record: 48077
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

Paul W. Schleck wrote:
> In <1165006566.247996.244140@n67g2000cwd.googlegroups.com> LenAnderson@ieee.org writes:
>
> > Where is Paul Schleck these days? Here it is 1 December and
> > his "threatening" troika of "moderators" haven't yet appeared.
> > I wonder if he has been appointed to a new cabinet post? You
> > know, the "Department of Hamland Security"... :-)
>
> > Holiday regards,
> > LA
>
> The member of our team that is finishing the final draft of the Request
> for Discussion (RFD) agreed to a firm deadline of January 1, 2007. The
> team has reviewed, and agreed to, prior working drafts of the RFD, as
> well as submission guidelines for the proposed new newsgroup, so this is
> just cleanup and tweaking at this point. The submission guidelines were
> recently posted to misc.test.moderated. We will have an RFD to pass
> along to the news.announce.newsgroups moderator to crosspost to this
> newsgroup shortly after January 1st. Moving the discussion period to
> after Christmas is also desirable in order to have a bigger audience for
> the RFD, and give everyone ample opportunity to provide feedback free of
> holiday distractions and time demands.
>
> In the meantime, we've been testing the robomoderation software, Secure
> Team-Based Usenet Moderation Program (STUMP). Several
> rec.radio.amateur.policy participants have graciously agreed to send us
> test submissions, many of which we have approved and posted to
> misc.test.moderated. At this point, anyone reading this newsgroup is
> welcome to send us test postings. Send such submissions to:
>
> rec-radio-amateur-moderated@panix.com
>
> We'll process them as if they were actual submissions to the proposed
> moderated newsgroup. Anything we approve will be posted to
> misc.test.moderated, so please don't send anything to that address that
> you don't want posted to Usenet, or at least add the text "not for
> publication" or "do not approve." We would be particularly interested
> in test postings that are PGP signed.
>
> Watch this space for further information after the first of the year.
>
> --
> 73, Paul W. Schleck, K3FU

> pschleck@novia.net
> http://www.novia.net/~pschleck/
> Finger pschleck@novia.net for PGP Public Key

Thank you for the prompt reply.

LA

3804. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 12:00:45 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1165924845.257345.269050@16g2000cwy.googlegroups.com>
Source record: 48078

YUP! I liked that phrase and shamelessly stole it, right in broad daylight in front of a crowd of onlookers. ... - and Mama said I'd never amount to anything . . . jeez...

denny

Richard Clark wrote:

>
> >antenna is a "convertor"
> You are robbing Art's rice bowl.
>
> 73's
> Richard Clark, KB7QHC

3805. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 12:09:39 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1165925379.270668.258520@j44g2000cwa.googlegroups.com>
Source record: 48079

Actually, at the time I typed that, the thought rattled through my head
that I ought to set up a wind tunnel (ala the Wright Bros) and test to
see what the difference is between dry, charged wind and the same with
dust in it... Then the reality that there are only 29 hours in a day
popped up...
Had I followed my druthers I would have wound up a professor of
physics, or some such, at some minor university where I would have made
the doctoral candidates lives miserable by insisting that they do their
dissertation on such real world stuff instead of the meaningless trivia
that most dissertations I have read in recent decades represent...
Probably it is far better for them that I drifted off into the dark
side of the force, instead..

denny

Cecil Moore wrote:
> Denny wrote:
> > That dry wind will cause high voltage charging -and arcing- of
> > insulated antennas and static noise, especially on long wires - that
> > this is mostly friction charging, a similar mechanism to rubbing silk
> > on glass, though charged body impact of dust may be relevant...
>
> One wonders if only nitrogen and oxygen molecules
> rubbing on copper can cause that effect.
> --
> 73, Cecil http://www.w5dxp.com

3806. Re: Material of wire: does it affect a loop antenna's performance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 12:11:01 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1165925461.058722.139110@j72g2000cwa.googlegroups.com>
Source record: 48080

Dayummmm, spoiled my fun..

denny

John Smith wrote:
> John Smith wrote:
> > ...
> > Helium wells? Naa, they are a myth just like hydrogen wells are, Arnold
> > ...
> > Regards,
> > JS
>
> And before someone calls me on it, yes, I do know there is helium
> trapped in oil wells!
>
> JS

3807. Re: Material of wire: does it affect a loop antenna's performance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 12:18:22 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1165925902.229498.5720@16g2000cwy.googlegroups.com>
Source record: 48081

Dunno why it is in Texas as opposed to Siberia, or the Antarctic
<actually we haven't really checked there, have we?>, or in deep wells
along the equator... Anyway, the book ATOM gives a great, pop version
of the cosmology of the elements and why Helium is here and there... I
don't necessarily buy into his version of cosmology and that the Big
Bang is the end all and be all of the universe, but he does a bang up
job of presenting it...

denny / k8do

Cecil Moore wrote:
> John Smith wrote:
> > And before someone calls me on it, yes, I do know there is helium
> > trapped in oil wells!
>
> Virtually all of the known trapped helium in
> the world is in Texas. Wonder how it got there?
> --
> 73, Cecil http://www.w5dxp.com

3808. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 13:11:08 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <mTxfh.8011$Zz2.3870@bignews3.bellsouth.net>
Source record: 48082

Funny I have a San Francisco T and NOBODY giggles at me when I wear it.
Maybe its not the shirt.

"art" <aunwin@insightbb.com> wrote in message
news:1165892773.488575.142370@j44g2000cwa.googlegroups.com...
>I remember being stranded at Chicago O Hare airport
> because of snow conditions so I wasted time by putting my baggage in a
> cart and walked around. While doing this some people were giggling and
> I didnt know why until I realised that I had donned a sweater to keep
> warm and it had spread across the front
> ....SAN FRANCISCO.............
> Do you think I went back and asked them why they was giggling?
> I knew why..... so I took off the sweater and went for a nice cup of
> coffe with a smile to myself. Would you like to have that sweater,? I
> doubt it
>

3809. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 13:44:06 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Gmyfh.22069$9v5.16727@newssvr29.news.prodigy.net>
Source record: 48083

Jim Kelley wrote:
> Your radio doesn't actually hear clear down to DC, does it? :-)

Doesn't matter since I can't hear DC anyway. If the
charge striking the antenna is a DC pulse, part of
the released energy extends into the RF region whether
the event is linear or not.

> The effect is heard as a result of the charge striking the antenna, thus
> changing the charge on the antenna. As you know, for a given
> capacitance, a 600 volt dielectric couples charge just as well as a 1000
> volt dielectric. In such a case the 'pop' is capacitively coupled
> broadband noise. But whether the antenna is insulated or not, looped or
> not, the static noise is due to a rapid (albeit small) change in charge
> on the antenna being coupled by some means into the receiver.

Your idea assumes linear displacement current, i.e.
charge transfer around the dielectric. My idea assumes
charge transfer through the dielectric, i.e. a tiny
nonlinear breakdown of the dielectric. We can haggle
over the exact physical mechanism but the result is
probably the same in either case and maybe a combination
of the two. The thicker the dielectric coating on the
antenna wire, the lower the precipitation noise from the
antenna. That has been proved to be true for airplane
antennas moving through air. Seems relativity would hold
true for air moving past antennas.

> It would make sense that the amount of static noise coupled from
> the environment would be proportional to the coupling capacitance.
> Knowing that charge tends to gather on a surface, the thicker the
> 'dielectric', the lower the capacitance.

It would also make sense to say the thicker the dielectric,
the smaller is the chance of a nonlinear event. I sure wish
I had not kissed my girlfriend on her ear ring 50 years ago
after sliding across plastic seatcovers wearing wool pants.

So is precipitation static a linear or nonlinear event? Or
a combination of the two? Does it matter?
--
73, Cecil http://www.w5dxp.com

3810. Re: Laziness is no reason to destroy quality radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 13:45:23 UTC
From: Not Cocksucker Lloyd <not_time_turd_lloyd@yahoo.com>
Message-ID: <1165931123.703366.55750@l12g2000cwl.googlegroups.com>
Source record: 48084
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.amateur.misc

Slow Code wrote:
> "Not Cocksucker Lloyd" <not_time_turd_lloyd@yahoo.com> wrote in
> news:1165848409.484923.25510@l12g2000cwl.googlegroups.com:
>
> > Slow Code wrote:
> >> Paul W. Schleck <pschleck@novia.net> wrote in
> >> news:457caa20$0$50437$540ea2cf@novia.net:
> >>
> >> > In <1165006566.247996.244140@n67g2000cwd.googlegroups.com>
> >> > LenAnderson@ieee.org writes:
> >> >
> >> >> Where is Paul Schleck these days? Here it is 1 December and
> >> >> his "threatening" troika of "moderators" haven't yet appeared.
> >> >> I wonder if he has been appointed to a new cabinet post? You
> >> >> know, the "Department of Hamland Security"... :-)
> >> >
> >> >> Holiday regards,
> >> >> LA
> >> >
> >> > The member of our team that is finishing the final draft of the
> >> > Request for Discussion (RFD) agreed to a firm deadline of January 1,
> >> > 2007. The team has reviewed, and agreed to, prior working drafts of
> >> > the RFD, as well as submission guidelines for the proposed new
> >> > newsgroup, so this is just cleanup and tweaking at this point. The
> >> > submission guidelines were recently posted to misc.test.moderated.
> >> > We will have an RFD to pass along to the news.announce.newsgroups
> >> > moderator to crosspost to this newsgroup shortly after January 1st.
> >> > Moving the discussion period to after Christmas is also desirable in
> >> > order to have a bigger audience for the RFD, and give everyone ample
> >> > opportunity to provide feedback free of holiday distractions and time
> >> > demands.
> >> >
> >> > In the meantime, we've been testing the robomoderation software,
> >> > Secure Team-Based Usenet Moderation Program (STUMP). Several
> >> > rec.radio.amateur.policy participants have graciously agreed to send
> >> > us test submissions, many of which we have approved and posted to
> >> > misc.test.moderated. At this point, anyone reading this newsgroup is
> >> > welcome to send us test postings. Send such submissions to:
> >> >
> >> > rec-radio-amateur-moderated@panix.com
> >> >
> >> > We'll process them as if they were actual submissions to the proposed
> >> > moderated newsgroup. Anything we approve will be posted to

> >> > misc.test.moderated, so please don't send anything to that address
> >> > that you don't want posted to Usenet, or at least add the text "not
> >> > for publication" or "do not approve." We would be particularly
> >> > interested in test postings that are PGP signed.
> >> >
> >> > Watch this space for further information after the first of the year.
> >> >
> >> > --
> >> > 73, Paul W. Schleck, K3FU
> >>
> >>
> >> Good luck with it Paul. I look forward to seeing Markie, Lloydie,
> >> Woger,
> > ...and all
> >> CW test haters and lazy asses put in the dumpster.
> >
> > Hey, dumbfuck, Roger passed 13 wpm CW for his General. Why don't you
> > know what the fuck youare talking about before you run your uninformed
> > fat yap?
>
>
> Shut up, stupid.

What's the matter, Sniveling Cunt, one more of your lies is exposed?
Are you going to pound your cheapassed computer desk?

3811. Re: Laziness is no reason to destroy quality radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 13:46:41 UTC
From: Not Cocksucker Lloyd <not_time_turd_lloyd@yahoo.com>
Message-ID: <1165931201.030060.108450@f1g2000cwa.googlegroups.com>
Source record: 48085
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.amateur.misc

```
Mark@kb9rqz.aprs wrote:
> On 11 Dec 2006 06:46:49 -0800, "Not Cocksucker Lloyd"
> <not_time_turd_lloyd@yahoo.com> wrote:
>
> >Slow Code wrote:
> >> Paul W. Schleck <pschleck@novia.net> wrote in
> >> news:457caa20$0$50437$540ea2cf@novia.net:
> >>
>
> >> Good luck with it Paul. I look forward to seeing Markie, Lloydie, Woger,
> >...and all
> >> CW test haters and lazy asses put in the dumpster.
> >>
> >Hey, dumbfuck, Roger passed 13 wpm CW for his General. Why don't you
> >know what the fuck you are talking about before you run your uninformed
> >fat yap?
>
>
> for the same reason you don't you are both stupid

What irony!
That must be *your* excuse, Marqueer!
```

3812. Re: Off topic vernacular designed to irritate others

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 13:50:28 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Esyfh.22070$9v5.2398@newssvr29.news.prodigy.net>
Source record: 48087

John Smith wrote:
> This all got me thinking, have you ever designed a "Texas Windom?"
> <serious look>

50 years ago at Texas A&M, I ran the off-center-fed
dipole fed with 300 ohm TV twinlead through a
Heathkit air-core balun. It was described in my
1955 ARRL Handbook which made the distinction
between a Windom and an OCF.
--
73, Cecil http://www.w5dxp.com

3813. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 13:50:53 UTC
From: Not Cocksucker Lloyd <not_time_turd_lloyd@yahoo.com>
Message-ID: <1165931453.869500.207120@n67g2000cwd.googlegroups.com>
Source record: 48086
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

Mark@kb9rqz.aprs wrote:
> On Mon, 11 Dec 2006 18:39:30 GMT, D Peter Maus
> <DPeterMaus@worldnet.att.net> wrote:
>
> >an_old_friend wrote:
> >> D Peter Maus wrote:
> >>> Cecil Moore wrote:
> >>>> Brenda Ann wrote:
> >>>>> Covenant communities should be outlawed.
> >>>> Actually, all that is needed is for consumers to
> >>>> reject covenant communities, as I have always
> >>>> done.
> >>>
> >>> Tough to do, today. In a number of states, Illinois being one, new
> >>> developments are required to have HOA's with a standard, boilerplate
> >>> CC&R statement provided by the Assembly for simplicity.
> >>
> >> when did Illinois do that
> >>
> >>
> >>
> > That's a good question. I don't believe it was in place when I
> >bought my house eleven years ago. But I've been hearing it now for a
> >number of years from sources within both the real estate community, and
> >media.
>
> it was not inplace in 1992 when I brought in central Illinois

You mean when your daddy bought, don't you?

>
> >
> >
> >>> Pre-existing non HOA communities are forming HOA's to protect
> >>> themselves from intrusion by commercial interests that cannot get
> >>> traction in other HOA communities.
> >>>
> >>> AND...in at least two counties, here, there are basic CC&R's in place
> >>> on undeveloped land, levied by county boards, in speculation that
> >>> developers may wish to move that way. Meaning, you can buy a piece of
> >>> land in deep weeds, build a home with your own hands, and before you
> >>> close the door, be in violation of antenna restrictions. Even though the
> >>> nearest neighbor may be an hour away.
> >>
>

> >> glad I left the state a few years back
> >
> >
> >
> > You are not alone in that sentiment. And I'm not far behind you.
>
> yea around here almost no one cares what sort of anttnenas I put a
> small strnge luthern sect hate any and all atennas down to rabbit ear
> of a TV

No, they are more worried about the toxic waste dump that is your yard,
Marqueer!

3814. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 13:56:29 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <hyyfh.22072$9v5.20576@newssvr29.news.prodigy.net>
Source record: 48088

Tom Donaly wrote:
> You should emulate Cecil. He has the
> hide of a Texas rhinoceros and never loses an argument ...

Tom, I have lost lots of arguments. When I am
proved wrong, I immediately switch sides and
hope that nobody remembers me being wrong. :-)
--
73, Cecil http://www.w5dxp.com

3815. Re: Laziness is no reason to destroy quality radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 14:02:01 UTC
From: Slow Code <my.mail@no.spam>
Message-ID: <457eb65d$0$706$6c4959f3@news.easynews.nl>
Source record: 48089
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.amateur.misc

```
"Not Cocksucker Lloyd" <not_time_turd_lloyd@yahoo.com> wrote in message
news:1165931123.703366.55750@l12g2000cwl.googlegroups.com...
>
> Slow Code wrote:
>> "Not Cocksucker Lloyd" <not_time_turd_lloyd@yahoo.com> wrote in
>> news:1165848409.484923.25510@l12g2000cwl.googlegroups.com:
>>
>> > Slow Code wrote:
>> >> Paul W. Schleck <pschleck@novia.net> wrote in
>> >> news:457caa20$0$50437$540ea2cf@novia.net:
>> >>
>> >> > In <1165006566.247996.244140@n67g2000cwd.googlegroups.com>
>> >> > LenAnderson@ieee.org writes:
>> >> >
>> >> >> Where is Paul Schleck these days? Here it is 1 December and
>> >> >> his "threatening" troika of "moderators" haven't yet appeared.
>> >> >> I wonder if he has been appointed to a new cabinet post? You
>> >> >> know, the "Department of Hamland Security"... :-)
>> >> >
>> >> >> Holiday regards,
>> >> >> LA
>> >> >
>> >> > The member of our team that is finishing the final draft of the
>> >> > Request for Discussion (RFD) agreed to a firm deadline of January 1,
>> >> > 2007. The team has reviewed, and agreed to, prior working drafts of
>> >> > the RFD, as well as submission guidelines for the proposed new
>> >> > newsgroup, so this is just cleanup and tweaking at this point. The
>> >> > submission guidelines were recently posted to misc.test.moderated.
>> >> > We will have an RFD to pass along to the news.announce.newsgroups
>> >> > moderator to crosspost to this newsgroup shortly after January 1st.
>> >> > Moving the discussion period to after Christmas is also desirable in
>> >> > order to have a bigger audience for the RFD, and give everyone ample
>> >> > opportunity to provide feedback free of holiday distractions and
>> >> > time
>> >> > demands.
>> >> >
>> >> > In the meantime, we've been testing the robomoderation software,
>> >> > Secure Team-Based Usenet Moderation Program (STUMP). Several
>> >> > rec.radio.amateur.policy participants have graciously agreed to send
>> >> > us test submissions, many of which we have approved and posted to
>> >> > misc.test.moderated. At this point, anyone reading this newsgroup
>> >> > is
>> >> > welcome to send us test postings. Send such submissions to:
```

>> >> >
>> >> > rec-radio-amateur-moderated@panix.com
>> >> >
>> >> > We'll process them as if they were actual submissions to the
>> >> > proposed
>> >> > moderated newsgroup. Anything we approve will be posted to
>> >> > misc.test.moderated, so please don't send anything to that address
>> >> > that you don't want posted to Usenet, or at least add the text "not
>> >> > for publication" or "do not approve." We would be particularly
>> >> > interested in test postings that are PGP signed.
>> >> >
>> >> > Watch this space for further information after the first of the
>> >> > year.
>> >> >
>> >> > --
>> >> > 73, Paul W. Schleck, K3FU
>> >>
>> >>
>> >> Good luck with it Paul. I look forward to seeing Markie, Lloydie,
>> >> Woger,
>> > ...and all
>> >> CW test haters and lazy asses put in the dumpster.
>> >
>> > Hey, dumbfuck, Roger passed 13 wpm CW for his General. Why don't you
>> > know what the fuck youare talking about before you run your uninformed
>> > fat yap?
>>
>>
>> Shut up, stupid.
>
> What's the matter, Sniveling Cunt, one more of your lies is exposed?
> Are you going to pound your cheapassed computer desk?
>
No but I think I will pound my pud to some more hot gay porn!

3816. Re: Guide Lines for this news group

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 14:03:05 UTC
From: Not Cocksucker Lloyd <not_time_turd_lloyd@yahoo.com>
Message-ID: <1165932185.379791.290250@n67g2000cwd.googlegroups.com>
Source record: 48090
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy

Mark@kb9rqz.aprs wrote:
> On 11 Dec 2006 06:58:11 -0800, "Not Cocksucker Lloyd"
> <not_time_turd_lloyd@yahoo.com> wrote:
>
> >
> >Mark@kb9rqz.aprs wrote:
> >> On Fri, 08 Dec 2006 00:35:11 GMT, Slow Code <my.mail@no.spam> wrote:
> >>
> >> >hot-ham-and-cheese@hotmail.com wrote in
> >> >news:1165116776.575952.37510@16g2000cwy.googlegroups.com:
> >> >
> >> >>
> >> >> Slow Code wrote:
> >> >>> Danny Richardson <n_group@k6mhe.com> wrote in
> >> >>> news:tqh3n2h7gjtdevv66fvnmv0be7clnpf019@4ax.com:
> >> >>>
> >> >>> > On Sat, 02 Dec 2006 09:48:44 -0800, Bill Turner <noway@nowhow.com>
> >> >>> > wrote:
> >> >>> >
> >> >>> >>ORIGINAL MESSAGE:
> >> >>> >>
> >> >>> >>On Sat, 2 Dec 2006 08:19:07 -0800, "Caveat Lector" <CL@nowhere.com>
> >> >>> >> wrote:
> >> >>> >>
> >> >>> >>>Maybe this will help(a little) to get rid of the off topic posts
> >> >>> >>>
> >> >>> >>>For what this News Group is about and applicable guide lines see
> >> >>> >>>URL:
> >> >>> >>>
> >> >>> >>>http://www.faqs.org/faqs/radio/personal-intro/
> >> >>> >>>
> >> >>> >>>Thanks for reading
> >> >>> >>>73 CL
> >> >>> >>>
> >> >>> >>
> >> >>> >>---------- REPLY FOLLOWS ----------
> >> >>> >>
> >> >>> >>Dream on, CL. These guys already know that and they don't care. It's
> >> >>> >>been that way forever. It's the Curse of Usenet.
> >> >>> >>
> >> >>> >>Bill, W6WRT
> >> >>> >
> >> >>> > After years of resisting I'm ready for a moderated antenna group.

> >> >>> > I've used my kill filter more times in the last three months than
> >> >>> > I've ever done in the previous ten years.
> >> >>> >
> >> >>> > I, for one, am sick and tired of the foul-mouth off topic postings
> >> >>> > and, if that requires a moderated group to get rid of them it would
> >> >>> > be a very small price to pay.
> >> >>> >
> >> >>> > Danny,
> >> >>>
> >> >>>
> >> >>> I know what you mean Dan.
> >> >>
> >> >> No you don't. You're one of the foul-mouthed off-topic posters that
> >> >> Dan is complaining about.
> >> >>
> >> >>> With the anticipation that ham radio is going
> >> >>> to get dumbed down again real soon, the dumb-it-downers
> >> >>
> >> >> It got "dumbed-down" when a license was issued to you.
> >> >>
> >> >> BTW, what is your call?
> >> >
> >> >
> >> >Don't worry about my callsign.
> >>
> >> why not we think you don't have one
> >
> >Just like "an old friend" is yours?
>
> never said it was

But you claim to post under your own name.

> my call is kb9rqz

That's still not a name, stupid.

>
> >
> >> > Just keep practicing CW.
> >>
> >> why? BB fuinds it usles to what he interested in as do I
> >
> >Making excuses for your laziness, Marqueer?
>
> stating facts woger

When are you going to start, Marqueer?

> >
> >> > No matter how fast
> >> >and good you already are at it you can always improve your skills.

> >>
> >> so what?
> >
> >So you want them to just give you the General license instead of
> >working for it.
>
> no I don't I want a test that relates to the prevledges grranted

So you admit to being a lazy fat fuck who just wants their HF
privileges handed to them instead of working for it.

> >
> >> i suspect I am the best Swordmans in RRAP so what
> >
> >BWHAHAHAHAHA No, Markie, you are a gay blade, not the sharp blade.
>
> well woger if you ever decided to comit trespassing and get close
> enough you willfind out

Why, Dishonorably discharged felons like you can't own weapons. All
you will do is sit on your fat queer ass and whine, like you do on the
newsgroups.

3817. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 14:51:53 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165935113.832707.320490@n67g2000cwd.googlegroups.com>
Source record: 48091

I suppose if it fits you then you blend in and are accepted
I didn,t want to be accepted I suppose don't ask don't tell rules

Jimmie D wrote:
> Funny I have a San Francisco T and NOBODY giggles at me when I wear it.
> Maybe its not the shirt.
>
>
>
> "art" <aunwin@insightbb.com> wrote in message
> news:1165892773.488575.142370@j44g2000cwa.googlegroups.com...
> >I remember being stranded at Chicago O Hare airport
> > because of snow conditions so I wasted time by putting my baggage in a
> > cart and walked around. While doing this some people were giggling and
> > I didnt know why until I realised that I had donned a sweater to keep
> > warm and it had spread across the front
> > ....SAN FRANCISCO.............
> > Do you think I went back and asked them why they was giggling?
> > I knew why..... so I took off the sweater and went for a nice cup of
> > coffe with a smile to myself. Would you like to have that sweater,? I
> > doubt it
> >

3818. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 15:58:38 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <elmjjmbnd1@aioe.org>
Source record: 48092

Cecil Moore wrote:
> Tom Donaly wrote:
>> You should emulate Cecil. He has the
>> hide of a Texas rhinoceros and never loses an argument ...
>
> Tom, I have lost lots of arguments. When I am
> proved wrong, I immediately switch sides and
> hope that nobody remembers me being wrong. :-)

Isn't that SOP? (standard operating procedure)

Common Cecil! We ALL know that one. <grin>

Regards,
JS

3819. Re: Off topic vernacular designed to irritate others

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 16:01:45 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <elmjphbnd2@aioe.org>
Source record: 48093

Cecil Moore wrote:
> John Smith wrote:
>> This all got me thinking, have you ever designed a "Texas Windom?"
>> <serious look>
>
> 50 years ago at Texas A&M, I ran the off-center-fed
> dipole fed with 300 ohm TV twinlead through a
> Heathkit air-core balun. It was described in my
> 1955 ARRL Handbook which made the distinction
> between a Windom and an OCF.

Cecil:

I was 3 years old then, you can see why that slipped my area of knowledge!

But, good work OM!

Regards,
JS

3820. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 16:08:14 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <elmk5mbnd3@aioe.org>
Source record: 48094

Cecil Moore wrote:
> ...
> One wonders if only nitrogen and oxygen molecules
> rubbing on copper can cause that effect.

Cecil:

One wonders if NASA didn't have a few problems with scooting aircraft/spacecraft thousands of mph though atmosphere with such problems, and how they over came them?

Regards,
JS

3821. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 16:17:56 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <p4ltn2dq30hn71v4vgat9emtsnto3mv275@4ax.com>
Source record: 48095

On 11 Dec 2006 16:25:36 -0800, "art" <aunwin@insightbb.com> wrote:

>Richard, we get bored at some of your comments

Hi Art,

I can also see that you are bored with antennas, especially:

>> Center Frequency of use 14.25 MHz
>> element length height
>>
>> 1 209.46 927.1 feed element
>> 2 198.25 973.97
>> 3 172.78 822.86
>> 4 219.83 964.4
>> 5 185.53 922.4

Did you get bored with a gaussian bundle?

When I threw 4 of the 5 wires away, the gain sprang right up and it
came closer to match. But that would make it inefficient, wouldn't
it?

73's
Richard Clark, KB7QHC

3822. Re: Stub Matching software ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 16:24:47 UTC
From: 4nec2 <4nec2@gmx.net>
Message-ID: <1165940687.795504.233780@80g2000cwy.googlegroups.com>
Source record: 48096

Hello Owen, excuses for the delay, because I was caught by a very bad
cold...

> Your design is for an o/c stub. Haven't you modelled a s/c stub by
> connecting the transmission line to W998?

No, at least it was not meant to be. When TL cards are specfivied
without
additional real- and imaginary shunt admittance values they are to be
considered as an open end, although a dummy wire/segment is need
for connecting the TL end.

> I have checked your proposed design on Winsmith, and it gives a 50
> ohms input impedance.

Aha, nice to know. It seems the Cebik program is not in error.

> Nevertheless, it is hypothetical as it is not
> practical to connect a 300 ohm stub to 50 ohm line, 50 ohm line will
> be coax (in practical cases) and it is not practical to make a 300 ohm
> coax. If you were to mix coax and open wire line, you have a serious
> balance issue that you have not dealt with in your model.

Yes, I know.

Who told you that the 50 ohm line was not symmetrical... (hi, hi, joke)

> The other thing about the design is that two of the transmission line
> elements are very close to 90 deg in length, which means that
> operation is very sensitive to frequency change.

That's an interesting aspect of the situation.

> If you really want to make a 40m inverted v work well on 80m, you
> might have to match at the feedpoint. It is hard to get an unloaded
> dipole of length 25%wl to work well without matching at the feedpoint.

The specified problem was only hypotetical, and does not exist in real
life (at least overhere).

Thank you, and the other posters, for the feedback,
Arie.

3823. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 16:26:22 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <OKAfh.11278$wc5.4160@newssvr25.news.prodigy.net>
Source record: 48097

John Smith wrote:
> Cecil Moore wrote:
>> When I am
>> proved wrong, I immediately switch sides and
>> hope that nobody remembers me being wrong. :-)
>
> Isn't that SOP? (standard operating procedure)

Not for an omniscient guru who already knows everything
and is therefore incapable of ever being wrong. :-)
--
73, Cecil http://www.w5dxp.com

3824. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 16:35:35 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165941335.585324.189660@l12g2000cwl.googlegroups.com>
Source record: 48098

What I don't understand Tom is that Richard has a brain and yet he stoops to this kind of behaviour which is usually the path of people incapable of individual thought. The latter I sympathise with and do not feel the need to respond to and ofcourse there is always the evil person lurking around that is filled with hate.For my part I was astonished as to how this group regarded the idea of a diiferent antenna aproach which has now been accepted by better qualified people that you find on this group. I have spoken to people who have known Richard and all say the same thing he is discruntled with life and .. well I wont go into that.But even as amateurs we are all interested in antennas and when yet when one comes along it is rejected without one iota of intelligent educational discussion or thought of delving into just a cacaphony of insults from those who have mistaken anticipation that all is known, at least with this group. Not everybody has the opportunity of getting an education and many are not capable of absorbing it thinking that they know everything that is important. Ofcourse when you read about it you can always take the stance that Roy takes i.e. I don't understand which can change later when it becomes more fully understood. Amateur radio is a hobby for all types of people mostly old guys angry at the thought of change or dying but that is not a reason that thinking people can't get together and discuss a niche in the hobby in the search of knoweledge knowing that knoweledge alone does not lead to miraicles. Sometimes this group reminds me of a statement I heard years ago.
"The sporadics are fighting again"
Art

onishedTom Donaly wrote:
> art wrote:
> > . Art was
> >
> >>being an invidious pig and I called him on it.
> >
> >
> > snip and I was responding to an invidious pig
> > When he stops these snide attacks on me then things
> > like this wouldn't happen Richard declined my hand on
> > all this because he says he enjoyes it
> > So as somebody said I am not here to be a lump on a log
> > that people feel they must take a hack at. Tom you have
> > been around this group for a long time and know how Richard is
> > and I am determined not to be trashed into oblivion like CHIP
> > in the face of attacks from him , Roy and others.
> > You only have to go back a few posts to see

> > examples of his trash towards me and I will retaliate, anyway
> > I can until he stops..... His choice
> >
> >>73,
> >>Tom Donaly, KA6RUH
> >
> >
>
> Calm down, Art. Reg Edwards (PBUH) managed to stay in good humor
> when he was the recipient of Richard's little bons mots, and you can
> do at least as well as Reg in this regard. Chip managed to hold his own
> without sinking to the level of a thirteen year old, and you can do that
> too. (Although a few of Chip's alter egos were pretty far gone on the
> puerile side.) You should emulate Cecil. He has the
> hide of a Texas rhinoceros and never loses an argument (he never wins
> one, either). As for your feelings about San Francisco, it's not like
> you think it is, and even if it were, at your age no one's going to
> ask you to play drop-the-soap no matter how eager you might be to
> join the fun.
> 73,
> Tom Donaly, KA6RUH

3825. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 16:49:58 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165942198.717340.266740@f1g2000cwa.googlegroups.com>
Source record: 48099

Richard you can't change your spots that quickly. I am confident of what I was talking about
and I know you have a brain so I need some convincing as to what you are really up to before I respond in kind. You have turned so many times as you have drawn me into discussions that I have no interest in joining you down there in digging a hole since life is good from where I stand. I tried sharing and it didn't work so you can write a critical article after you read what I have found. Your confirmation is not important in my life.Why don't you dunk my posts so this silliness can come to a stop? Find your jollies elswhere.

Richard Clark wrote:
> On 11 Dec 2006 16:25:36 -0800, "art" <aunwin@insightbb.com> wrote:
>
> >Richard, we get bored at some of your comments
>
> Hi Art,
>
> I can also see that you are bored with antennas, especially:
>
> >> Center Frequency of use 14.25 MHz
> >> element length height
> >>
> >> 1 209.46 927.1 feed element
> >> 2 198.25 973.97
> >> 3 172.78 822.86
> >> 4 219.83 964.4
> >> 5 185.53 922.4
>
> Did you get bored with a gaussian bundle?
>
> When I threw 4 of the 5 wires away, the gain sprang right up and it
> came closer to match. But that would make it inefficient, wouldn't
> it?
>
> 73's
> Richard Clark, KB7QHC

3826. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 17:05:48 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <elmnhkkmd3@aioe.org>
Source record: 48100

Cecil Moore wrote:
> ...
> Not for an omniscient guru who already knows everything
> and is therefore incapable of ever being wrong. :-)
> ...

Cecil:

Been there, done that ... :(

Regards,
JS

3827. Re: Laziness is no reason to destroy quality radio.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 17:48:05 UTC
From: Mark@kb9rqz.aprs
Message-ID: <2qqtn21276dg2rfa8m3d38qb2n3uaeq02e@4ax.com>
Source record: 48101
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.amateur.misc

```
On 12 Dec 2006 05:46:41 -0800, "Not Cocksucker Lloyd"
<not_time_turd_lloyd@yahoo.com> wrote:

>
>Mark@kb9rqz.aprs wrote:
>> On 11 Dec 2006 06:46:49 -0800, "Not Cocksucker Lloyd"
>> <not_time_turd_lloyd@yahoo.com> wrote:
>>
>> >Slow Code wrote:
>> >> Paul W. Schleck <pschleck@novia.net> wrote in
>> >> news:457caa20$0$50437$540ea2cf@novia.net:
>> >>
>>
>> >> Good luck with it Paul. I look forward to seeing Markie, Lloydie, Woger,
>> >...and all
>> >> CW test haters and lazy asses put in the dumpster.
>> >
>> >Hey, dumbfuck, Roger passed 13 wpm CW for his General. Why don't you
>> >know what the fuck you are talking about before you run your uninformed
>> >fat yap?
>>
>>
>> for the same reason you don't you are both stupid
>
>What irony!
>That must be *your* excuse, Marqueer!
no irony woger you and sc are both stupid
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com
```

3828. Re: Guide Lines for this news group

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 17:49:48 UTC
From: Mark@kb9rqz.aprs
Message-ID: <ksqtn2phj8gdp6gjp7c66saohp9hblmk3c@4ax.com>
Source record: 48102
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy

```
On 12 Dec 2006 06:03:05 -0800, "Not Cocksucker Lloyd"
<not_time_turd_lloyd@yahoo.com> wrote:

>
>Mark@kb9rqz.aprs wrote:
>> On 11 Dec 2006 06:58:11 -0800, "Not Cocksucker Lloyd"
>> <not_time_turd_lloyd@yahoo.com> wrote:
>>
>> >
>> >Mark@kb9rqz.aprs wrote:
>> >> On Fri, 08 Dec 2006 00:35:11 GMT, Slow Code <my.mail@no.spam> wrote:
>> >>
>> >> >hot-ham-and-cheese@hotmail.com wrote in
>> >> >news:1165116776.575952.37510@16g2000cwy.googlegroups.com:
>> >> >
>> >> >>
>> >> >> Slow Code wrote:
>> >> >>> Danny Richardson <n_group@k6mhe.com> wrote in
>> >> >>> news:tqh3n2h7gjtdevv66fvnmv0be7clnpf019@4ax.com:
>> >> >>>
>> >> >>> > On Sat, 02 Dec 2006 09:48:44 -0800, Bill Turner <noway@nowhow.com>
>> >> >>> > wrote:
>> >> >>> >
>> >> >>> >>ORIGINAL MESSAGE:
>> >> >>> >>
>> >> >>> >>On Sat, 2 Dec 2006 08:19:07 -0800, "Caveat Lector" <CL@nowhere.com>
>> >> >>> >> wrote:
>> >> >>> >>
>> >> >>> >>>Maybe this will help(a little) to get rid of the off topic posts
>> >> >>> >>>
>> >> >>> >>>For what this News Group is about and applicable guide lines see
>> >> >>> >>>URL:
>> >> >>> >>>
>> >> >>> >>>http://www.faqs.org/faqs/radio/personal-intro/
>> >> >>> >>>
>> >> >>> >>>Thanks for reading
>> >> >>> >>>73 CL
>> >> >>> >>>
>> >> >>> >>
>> >> >>> >>------------ REPLY FOLLOWS ------------
>> >> >>> >>
>> >> >>> >>Dream on, CL. These guys already know that and they don't care. It's
>> >> >>> >>been that way forever. It's the Curse of Usenet.
```

>> >> >>> >>
>> >> >>> >>Bill, W6WRT
>> >> >>> >
>> >> >>> > After years of resisting I'm ready for a moderated antenna group.
>> >> >>> > I've used my kill filter more times in the last three months than
>> >> >>> > I've ever done in the previous ten years.
>> >> >>> >
>> >> >>> > I, for one, am sick and tired of the foul-mouth off topic postings
>> >> >>> > and, if that requires a moderated group to get rid of them it would
>> >> >>> > be a very small price to pay.
>> >> >>> >
>> >> >>> > Danny,
>> >> >>>
>> >> >>>
>> >> >>> I know what you mean Dan.
>> >> >>
>> >> >> No you don't. You're one of the foul-mouthed off-topic posters that
>> >> >> Dan is complaining about.
>> >> >>
>> >> >>> With the anticipation that ham radio is going
>> >> >>> to get dumbed down again real soon, the dumb-it-downers
>> >> >>
>> >> >> It got "dumbed-down" when a license was issued to you.
>> >> >>
>> >> >> BTW, what is your call?
>> >> >
>> >> >
>> >> >Don't worry about my callsign.
>> >>
>> >> why not we think you don't have one
>> >
>> >Just like "an old friend" is yours?
>>
>> never said it was
>
>But you claim to post under your own name.
no woger I claim to post under my name OR call

you realy need to learn english
>
>> my call is kb9rqz
>
>That's still not a name, stupid.

never said it a name
>
>>
>> >
>> >> > Just keep practicing CW.
>> >>
>> >> why? BB fuinds it usles to what he interested in as do I

>> >
>> >Making excuses for your laziness, Marqueer?
>>
>> stating facts woger
>
>When are you going to start, Marqueer?
>
>> >
>> >> > No matter how fast
>> >> >and good you already are at it you can always improve your skills.
>> >>
>> >> so what?
>> >
>> >So you want them to just give you the General license instead of
>> >working for it.
>>
>> no I don't I want a test that relates to the prevledges grranted
>
>So you admit to being a lazy fat fuck who just wants their HF
>privileges handed to them instead of working for it.
>
>> >
>> >> i suspect I am the best Swordmans in RRAP so what
>> >
>> >BWHAHAHAHAHA No, Markie, you are a gay blade, not the sharp blade.
>>
>> well woger if you ever decided to comit trespassing and get close
>> enough you willfind out
>
>Why, Dishonorably discharged felons like you can't own weapons. All
>you will do is sit on your fat queer ass and whine, like you do on the
>newsgroups.
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3829. Mystery antenna problem

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 17:51:22 UTC
From: Michael Coslo <mjc5@psu.edu>
Message-ID: <elmq6q$13du$1@f04n12.cac.psu.edu>
Source record: 48103

After the bout of windy weather we had a week or so ago, my mini antenna farm was wrecked. My HF6V sustained a broken mast, which was easily repairable.

My OCF dipole on the other hand, stopped working properly.

Originally cut for the standard 80-40-20-10 config, the best SWR near 80 meters has risen to around 4.37 MHz, 40 meters is around the correct frequency, but has SWR has risen a bit to around 2.5. 20 meters is over 3, and 10 is better than 7.

18 MhZ also has a 1.2:1 SWR.

SWR measured with a MFJ259 meter.

The specs of the antenna are (roughly, as I'm doing this from memory)

48 feet short side, 130 long side

4:1 Balun

Height around 50 feet.

Coax coiled balun near house entrance Coax split just above balun for lightning arrester installation.

Since I bought a new 4:1 balun at Dayton last year to replace one that I fixed a while back, I decided to replace it. Same result.

I took the choke balun and lightning arrester out of the picture to isolate them, and measured from there. No difference.

Coax connectors look good.

So what I am left with is the coax and the antenna wire itself.

Unless someone has played an *awesome* practical joke on me, the antenna dimensions haven't changed.

So can coax go bad in a way that will raise the lowest SWR in the way I describe? Of course I could just replace it, but I'd like to know why.

- 73 de Mike KB3EIA -

3830. Re: Landlords

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 17:54:17 UTC
From: Mark@kb9rqz.aprs
Message-ID: <u4rtn2l3jtb5n5k80f0mb29hfupp8jq6q8@4ax.com>
Source record: 48104
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,alt.fan.art-bell,rec.radio.shortwave,rec.radio.amateur.antenna

On 12 Dec 2006 05:50:53 -0800, "Not Cocksucker Lloyd"
<not_time_turd_lloyd@yahoo.com> wrote:

>
>Mark@kb9rqz.aprs wrote:
>> On Mon, 11 Dec 2006 18:39:30 GMT, D Peter Maus
>> <DPeterMaus@worldnet.att.net> wrote:
>>
>> >an_old_friend wrote:
>> >> D Peter Maus wrote:
>> >>> Cecil Moore wrote:
>> >>>> Brenda Ann wrote:
>> >>>>> Covenant communities should be outlawed.
>> >>>> Actually, all that is needed is for consumers to
>> >>>> reject covenant communities, as I have always
>> >>>> done.
>> >>>
>> >>> Tough to do, today. In a number of states, Illinois being one, new
>> >>> developments are required to have HOA's with a standard, boilerplate
>> >>> CC&R statement provided by the Assembly for simplicity.
>> >>
>> >> when did Illinois do that
>> >
>> >
>> >
>> > That's a good question. I don't believe it was in place when I
>> >bought my house eleven years ago. But I've been hearing it now for a
>> >number of years from sources within both the real estate community, and
>> >media.
>>
>> it was not inplace in 1992 when I brought in central Illinois
>
>You mean when your daddy bought, don't you?

no I don't if I have meant that woger Id have written that
>
>>
>> >
>> >
>> >>> Pre-existing non HOA communities are forming HOA's to protect
>> >>> themselves from intrusion by commercial interests that cannot get
>> >>> traction in other HOA communities.
>> >>>
>> >>> AND...in at least two counties, here, there are basic CC&R's in place

>> >>> on undeveloped land, levied by county boards, in speculation that
>> >>> developers may wish to move that way. Meaning, you can buy a piece of
>> >>> land in deep weeds, build a home with your own hands, and before you
>> >>> close the door, be in violation of antenna restrictions. Even though the
>> >>> nearest neighbor may be an hour away.
>> >>
>> >> glad I left the state a few years back
>> >
>> >
>> >
>> > You are not alone in that sentiment. And I'm not far behind you.
>>
>> yea around here almost no one cares what sort of anttnenas I put a
>> small strnge luthern sect hate any and all atennas down to rabbit ear
>> of a TV
>
>No, they are more worried about the toxic waste dump that is your yard,
>Marqueer!

no toxic waste dump here woger must be looking at your yard
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3831. Re: Mystery antenna problem

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 19:11:43 UTC
From: KC1DI <elbc2@fairpoint.net>
Message-ID: <R5adnTyeKpJzY-PYnZ2dnUVZ_ubinZ2d@neonova.net>
Source record: 48105

Michael Coslo wrote:
> After the bout of windy weather we had a week or so ago, my mini antenna
> farm was wrecked. My HF6V sustained a broken mast, which was easily
> repairable.
>
> My OCF dipole on the other hand, stopped working properly.
>
> Originally cut for the standard 80-40-20-10 config, the best SWR
> near 80 meters has risen to around 4.37 MHz, 40 meters is around the
> correct frequency, but has SWR has risen a bit to around 2.5. 20 meters
> is over 3, and 10 is better than 7.
>
> 18 MhZ also has a 1.2:1 SWR.
>
> SWR measured with a MFJ259 meter.
>
>
> The specs of the antenna are (roughly, as I'm doing this from memory)
>
> 48 feet short side, 130 long side
>
> 4:1 Balun
>
> Height around 50 feet.
>
> Coax coiled balun near house entrance Coax split just above balun for
> lightning arrester installation.
>
>
> Since I bought a new 4:1 balun at Dayton last year to replace one that I
> fixed a while back, I decided to replace it. Same result.
>
> I took the choke balun and lightning arrester out of the picture to
> isolate them, and measured from there. No difference.
>
> Coax connectors look good.
>
> So what I am left with is the coax and the antenna wire itself.
>
> Unless someone has played an *awesome* practical joke on me, the
> antenna dimensions haven't changed.
>
> So can coax go bad in a way that will raise the lowest SWR in the
> way I describe? Of course I could just replace it, but I'd like to know

> why.
>
>
>
> - 73 de Mike KB3EIA -
>
>
>
>
Hi Mike,

You do not mention what type of Coax /fittings your using But I've had the foam insulated type change in high winds here in the past. Also was there any driving rain with the wind.. check for moisture penetration at the connectors. if moisture has gotten into the coax braid it may produce the results you speak of also.
good luck
73 Dave Kc1di
let us know what you find :)

3832. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 19:12:10 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1165950730.379179.65520@16g2000cwy.googlegroups.com>
Source record: 48106

Cecil, you don't have to postulate a non linear breakdown within the dielectric to explain the transfer of energy from the charged particle striking the surface of the insulation to the free electrons on the wire... Capacitance will handle that nicely... As you stated, a thicker insulator makes a quieter antenna under static conditions... Capacity effect would seem to answer that...
If you don't like that, a charged particle striking the dielectric surface suffers an abrupt change in motion... A charge changing motion has it's own method of talking to us...
And, lastly, we have not roundly beaten the water droplet for dripping off the antenna and taking a charge with it...
"Bartenner, I'll have one, hic, for the road."...
denny / k8do

3833. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 19:15:46 UTC
From: Tom Donaly <dtdonaly@sbcglobal.net>
Message-ID: <CdDfh.22164$9v5.9966@newssvr29.news.prodigy.net>
Source record: 48107

art wrote:
> What I don't understand Tom is that Richard has a brain and yet he
> stoops to this kind of behaviour which is usually the path of people
> incapable of individual thought. The latter I sympathise with and do
> not feel the need to respond to and ofcourse there is always the evil
> person lurking around that is filled with hate.For my part I was
> astonished as to how this group regarded the idea of a diiferent
> antenna aproach which has now been accepted by better qualified people
> that you find on this group. I have spoken to people who have known
> Richard and all say the same thing he is discruntled with life and ..
> well I wont go into that.But even as amateurs we are all interested in
> antennas and when yet when one comes along it is rejected without one
> iota of intelligent educational discussion or thought of delving into
> just a cacaphony of insults from those who have mistaken anticipation
> that all is known, at least with this group. Not everybody has the
> opportunity of getting an education and many are not capable of
> absorbing it thinking that they know everything that is important.
> Ofcourse when you read about it you can always take the stance that Roy
> takes i.e. I don't understand which can change later when it becomes
> more fully understood. Amateur radio is a hobby for all types of people
> mostly old guys angry at the thought of change or dying but that is not
> a reason that thinking people can't get together and discuss a niche in
> the hobby in the search of knoweledge knowing that knoweledge alone
> does not lead to miraicles. Sometimes this group reminds me of a
> statement I heard years ago.
> "The sporadics are fighting again"
> Art
>
>
> onishedTom Donaly wrote:
>
>>art wrote:
>>
>>>. Art was
>>>
>>>
>>>>being an invidious pig and I called him on it.
>>>
>>>
>>>snip and I was responding to an invidious pig
>>>When he stops these snide attacks on me then things
>>> like this wouldn't happen Richard declined my hand on
>>> all this because he says he enjoyes it
>>>So as somebody said I am not here to be a lump on a log

>>>that people feel they must take a hack at. Tom you have
>>> been around this group for a long time and know how Richard is
>>>and I am determined not to be trashed into oblivion like CHIP
>>>in the face of attacks from him , Roy and others.
>>> You only have to go back a few posts to see
>>> examples of his trash towards me and I will retaliate, anyway
>>> I can until he stops..... His choice
>>>
>>>
>>>>73,
>>>>Tom Donaly, KA6RUH
>>>
>>>
>>Calm down, Art. Reg Edwards (PBUH) managed to stay in good humor
>>when he was the recipient of Richard's little bons mots, and you can
>>do at least as well as Reg in this regard. Chip managed to hold his own
>>without sinking to the level of a thirteen year old, and you can do that
>>too. (Although a few of Chip's alter egos were pretty far gone on the
>>puerile side.) You should emulate Cecil. He has the
>>hide of a Texas rhinoceros and never loses an argument (he never wins
>>one, either). As for your feelings about San Francisco, it's not like
>>you think it is, and even if it were, at your age no one's going to
>>ask you to play drop-the-soap no matter how eager you might be to
>>join the fun.
>>73,
>>Tom Donaly, KA6RUH
>
>
Hi Art,
One of the most difficult things in life to do, for those
blessed with a creative mind, is to learn how to communicate
ideas to those who are not similarly gifted. Your ideas are interesting,
but in order to appreciate them one has to learn to think in a
different manner with a different part of the brain than most
people are accustomed to using. You should be more pitying than
angry at those who don't understand. Just inventing something
isn't the end of the process. Explaining and defending are the
hard parts. You can do this better if you don't allow yourself to
be riled by those who don't agree with you.
73,
Tom Donaly, KA6RUH

3834. Re: A QRZ Trivia Question That Smegma Radio May Find Educational

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 19:18:10 UTC
From: KC4UAI <kc4uai@gmail.com>
Message-ID: <1165951090.403715.91360@16g2000cwy.googlegroups.com>
Source record: 48108
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy

Slow Code wrote:
> "KC4UAI" <kc4uai@gmail.com> wrote in
> news:1165422633.729925.259700@79g2000cws.googlegroups.com:
>
> > >
> > > I for one don't want to loose my ticket. Despite what SC says, I
> > > worked for that Extra...
> > >
> > > -= bob =-
>
>
>
> Post restructuring License EXAM
> <Snip>

If that was the test you took it explains a lot.... It sure explains why you are so fearful of the CBers taking over. You never passed a valid exam, so you might want to turn in that ticket and try again. Let me know where you are and we will find you a testing session close.

We still don't have your call there SC. I'm thinking that you may not actually have a call and are just jealous of us folks that passed the tests.. (Grin)

-= KC4UAI =-

3835. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 20:39:04 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <VrEfh.93$_S3.49@bignews2.bellsouth.net>
Source record: 48109

So Art, I take it you are impling that people from San Francisco have
something to be ashamed of just because they are from their or even people
who visited there should be ashamed of having visited there. Whats your
problem with SF, its a wonderful city.

"art" <aunwin@insightbb.com> wrote in message
news:1165935113.832707.320490@n67g2000cwd.googlegroups.com...
>I suppose if it fits you then you blend in and are accepted
> I didn,t want to be accepted I suppose don't ask don't tell rules
>
> Jimmie D wrote:
>> Funny I have a San Francisco T and NOBODY giggles at me when I wear it.
>> Maybe its not the shirt.
>>
>>
>>
>> "art" <aunwin@insightbb.com> wrote in message
>> news:1165892773.488575.142370@j44g2000cwa.googlegroups.com...
>> >I remember being stranded at Chicago O Hare airport
>> > because of snow conditions so I wasted time by putting my baggage in a
>> > cart and walked around. While doing this some people were giggling and
>> > I didnt know why until I realised that I had donned a sweater to keep
>> > warm and it had spread across the front
>> > ....SAN FRANCISCO............
>> > Do you think I went back and asked them why they was giggling?
>> > I knew why..... so I took off the sweater and went for a nice cup of
>> > coffe with a smile to myself. Would you like to have that sweater,? I
>> > doubt it
>> >
>

3836. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 20:55:30 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165956930.783222.212550@73g2000cwn.googlegroups.com>
Source record: 48110

I know it is a great city and I have travelled more than a few
countries BUT it does have a reputation, ,it was not given to it they
fought for it. The idea of .. well enough said
Art
Jimmie D wrote:
> So Art, I take it you are impling that people from San Francisco have
> something to be ashamed of just because they are from their or even people
> who visited there should be ashamed of having visited there. Whats your
> problem with SF, its a wonderful city.
>
>
> "art" <aunwin@insightbb.com> wrote in message
> news:1165935113.832707.320490@n67g2000cwd.googlegroups.com...
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> >>
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> >> > ....SAN FRANCISCO............
> >> > Do you think I went back and asked them why they was giggling?
> >> > I knew why..... so I took off the sweater and went for a nice cup of
> >> > coffe with a smile to myself. Would you like to have that sweater,? I
> >> > doubt it
> >> >
> >>

3837. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 20:55:36 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165956936.447974.30080@80g2000cwy.googlegroups.com>
Source record: 48111

I know it is a great city and I have travelled more than a few
countries BUT it does have a reputation, ,it was not given to it they
fought for it. The idea of .. well enough said
Art
Jimmie D wrote:
> So Art, I take it you are impling that people from San Francisco have
> something to be ashamed of just because they are from their or even people
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> problem with SF, its a wonderful city.
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>
> "art" <aunwin@insightbb.com> wrote in message
> news:1165935113.832707.320490@n67g2000cwd.googlegroups.com...
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> > Jimmie D wrote:
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> >>
> >>
> >> "art" <aunwin@insightbb.com> wrote in message
> >> news:1165892773.488575.142370@j44g2000cwa.googlegroups.com...
> >> >I remember being stranded at Chicago O Hare airport
> >> > because of snow conditions so I wasted time by putting my baggage in a
> >> > cart and walked around. While doing this some people were giggling and
> >> > I didnt know why until I realised that I had donned a sweater to keep
> >> > warm and it had spread across the front
> >> > ....SAN FRANCISCO............
> >> > Do you think I went back and asked them why they was giggling?
> >> > I knew why..... so I took off the sweater and went for a nice cup of
> >> > coffe with a smile to myself. Would you like to have that sweater,? I
> >> > doubt it
> >> >
> >

3838. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 21:08:51 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <UTEfh.112$_S3.107@bignews2.bellsouth.net>
Source record: 48112

They who, Art do you even realize that in order to insult one person you have insulted everyone who as ever lived in San Fransico, everyone who has ever visited there, and everyone who would even like to live or vist there. You are truly deserving of the TRACTOR AWARD.

"art" <aunwin@insightbb.com> wrote in message
news:1165956936.447974.30080@80g2000cwy.googlegroups.com...
>I know it is a great city and I have travelled more than a few
> countries BUT it does have a reputation, ,it was not given to it they
> fought for it. The idea of .. well enough said
> Art
> Jimmie D wrote:
>> So Art, I take it you are impling that people from San Francisco have
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>> >I suppose if it fits you then you blend in and are accepted
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>> > Jimmie D wrote:
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>> >> it.
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>> >> > I
>> >> > doubt it
>> >> >
>> >
>

3839. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 21:19:54 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165958394.261376.229900@16g2000cwy.googlegroups.com>
Source record: 48113

Tom Donaly wrote:
> art wrote:
> > What I don't understand Tom is that Richard has a brain and yet he
> > stoops to this kind of behaviour which is usually the path of people
> > incapable of individual thought. The latter I sympathise with and do
> > not feel the need to respond to and ofcourse there is always the evil
> > person lurking around that is filled with hate.For my part I was
> > astonished as to how this group regarded the idea of a diiferent
> > antenna aproach which has now been accepted by better qualified people
> > that you find on this group. I have spoken to people who have known
> > Richard and all say the same thing he is discruntled with life and ..
> > well I wont go into that.But even as amateurs we are all interested in
> > antennas and when yet when one comes along it is rejected without one
> > iota of intelligent educational discussion or thought of delving into
> > just a cacaphony of insults from those who have mistaken anticipation
> > that all is known, at least with this group. Not everybody has the
> > opportunity of getting an education and many are not capable of
> > absorbing it thinking that they know everything that is important.
> > Ofcourse when you read about it you can always take the stance that Roy
> > takes i.e. I don't understand which can change later when it becomes
> > more fully understood. Amateur radio is a hobby for all types of people
> > mostly old guys angry at the thought of change or dying but that is not
> > a reason that thinking people can't get together and discuss a niche in
> > the hobby in the search of knoweledge knowing that knoweledge alone
> > does not lead to miraicles. Sometimes this group reminds me of a
> > statement I heard years ago.
> > "The sporadics are fighting again"
> > Art
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> > onishedTom Donaly wrote:
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> >>art wrote:
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> >>>. Art was
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> >>>
> >>>>being an invidious pig and I called him on it.
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> >>>
> >>>snip and I was responding to an invidious pig
> >>>When he stops these snide attacks on me then things
> >>> like this wouldn't happen Richard declined my hand on
> >>> all this because he says he enjoyes it

> >>>So as somebody said I am not here to be a lump on a log
> >>>that people feel they must take a hack at. Tom you have
> >>> been around this group for a long time and know how Richard is
> >>>and I am determined not to be trashed into oblivion like CHIP
> >>>in the face of attacks from him , Roy and others.
> >>> You only have to go back a few posts to see
> >>> examples of his trash towards me and I will retaliate, anyway
> >>> I can until he stops..... His choice
> >>>
> >>>
> >>>>73,
> >>>>Tom Donaly, KA6RUH
> >>>
> >>>
> >>Calm down, Art. Reg Edwards (PBUH) managed to stay in good humor
> >>when he was the recipient of Richard's little bons mots, and you can
> >>do at least as well as Reg in this regard. Chip managed to hold his own
> >>without sinking to the level of a thirteen year old, and you can do that
> >>too. (Although a few of Chip's alter egos were pretty far gone on the
> >>puerile side.) You should emulate Cecil. He has the
> >>hide of a Texas rhinoceros and never loses an argument (he never wins
> >>one, either). As for your feelings about San Francisco, it's not like
> >>you think it is, and even if it were, at your age no one's going to
> >>ask you to play drop-the-soap no matter how eager you might be to
> >>join the fun.
> >>73,
> >>Tom Donaly, KA6RUH
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> >
> Hi Art,
> One of the most difficult things in life to do, for those
> blessed with a creative mind, is to learn how to communicate
> ideas to those who are not similarly gifted. Your ideas are interesting,

No they are not, at least to this group. When I share my thoughts it
only takes one posting before the onslaught starts. If there was any
interest one person would have said hold on Art explain such and such
before you move on but that sort of thing doesn't happen because
peoples minds are closed but they also want to be heard. Look at Slow
code frankly I think he is suicidal and grasping at straws so he can be
helped in some way.There have been many experts that have fled this
group and it is leaving a void. Sometimes when I want to share an idea
I am looking for further knoweledge on the subject to see where I went
wrong, in other words to get honest debate going which allows one to
tolerate the other stuff.
The name of this group implies debate on antennas but some see
different things that attract them to this group and for me it is not
getting that hard to see.
Seems like every day you hear.....Lets get ready to RUMBLE.
Go back to my last thread and then judge if what I am saying is true.

And you know what over the years it has just been three people who gets these personal assaults going, two of them have brains and the other just likes to swear and argue and threaten people.as far as brains he states he has them but wont show the evidence

> but in order to appreciate them one has to learn to think in a
> different manner with a different part of the brain than most
> people are accustomed to using. You should be more pitying than
> angry at those who don't understand. Just inventing something
> isn't the end of the process. Explaining and defending are the
> hard parts. You can do this better if you don't allow yourself to
> be riled by those who don't agree with you.
> 73,
> Tom Donaly, KA6RUH

3840. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 23:07:18 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <o8dun2h17ct1hfuj94s00ipj37hmecv4v7@4ax.com>
Source record: 48114

On 12 Dec 2006 08:49:58 -0800, "art" <aunwin@insightbb.com> wrote:

>I need some convincing as to what you
>are really up to before I respond in kind.

Hi Art,

You are right, the model:
>> Center Frequency of use 14.25 MHz
>> element length height
>>
>> 1 209.46 927.1 feed element
>> 2 198.25 973.97
>> 3 172.78 822.86
>> 4 219.83 964.4
>> 5 185.53 922.4
makes no sense whatever in terms of being optimized or efficient.
There is NO convincing it for you to have to respond to.

73's
Richard Clark, KB7QHC

3841. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 23:09:18 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165964958.376007.73400@n67g2000cwd.googlegroups.com>
Source record: 48115

Jimmie, thank you for your consideration, thank you for the award
thank you for posting and sharing your thoughts
Now about your antenna or do you prefer to stretch this thread out and
string everybody along with you?

Jimmie D wrote:
> They who, Art do you even realize that in order to insult one person you
> have insulted everyone who as ever lived in San Fransico, everyone who has
> ever visited there, and everyone who would even like to live or vist there.
> You are truly deserving of the TRACTOR AWARD.
>
>
> "art" <aunwin@insightbb.com> wrote in message
> news:1165956936.447974.30080@80g2000cwy.googlegroups.com...
> >I know it is a great city and I have travelled more than a few
> > countries BUT it does have a reputation, ,it was not given to it they
> > fought for it. The idea of .. well enough said
> > Art
> > Jimmie D wrote:
> >> So Art, I take it you are impling that people from San Francisco have
> >> something to be ashamed of just because they are from their or even
> >> people
> >> who visited there should be ashamed of having visited there. Whats your
> >> problem with SF, its a wonderful city.
> >>
> >>
> >> "art" <aunwin@insightbb.com> wrote in message
> >> news:1165935113.832707.320490@n67g2000cwd.googlegroups.com...
> >> >I suppose if it fits you then you blend in and are accepted
> >> > I didn,t want to be accepted I suppose don't ask don't tell rules
> >> >
> >> > Jimmie D wrote:
> >> >> Funny I have a San Francisco T and NOBODY giggles at me when I wear
> >> >> it.
> >> >> Maybe its not the shirt.
> >> >>
> >> >>
> >> >>
> >> >> "art" <aunwin@insightbb.com> wrote in message
> >> >> news:1165892773.488575.142370@j44g2000cwa.googlegroups.com...
> >> >> >I remember being stranded at Chicago O Hare airport
> >> >> > because of snow conditions so I wasted time by putting my baggage in
> >> >> > a
> >> >> > cart and walked around. While doing this some people were giggling

> >> >> > and
> >> >> > I didnt know why until I realised that I had donned a sweater to
> >> >> > keep
> >> >> > warm and it had spread across the front
> >> >> > ....SAN FRANCISCO.............
> >> >> > Do you think I went back and asked them why they was giggling?
> >> >> > I knew why..... so I took off the sweater and went for a nice cup of
> >> >> > coffe with a smile to myself. Would you like to have that sweater,?
> >> >> > I
> >> >> > doubt it
> >> >> >
> >> >
> >

3842. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-12 23:50:01 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <nafun2phjltdb9iinuu4h3ataa5akgqp9k@4ax.com>
Source record: 48116

On 12 Dec 2006 04:00:45 -0800, "Denny" <k8do@mailblocks.com> wrote:

>YUP! I liked that phrase and shamelessly stole it, right in broad
>daylight in front of a crowd of onlookers. ... - and Mama said I'd
>never amount to anything . . . jeez...
>
>denny
>
>Richard Clark wrote:
>
>>
>> >antenna is a "convertor"
>> You are robbing Art's rice bowl.

Hi Denny,

Lack of shame does not bring notoriety like it used to. That coin,
which was SOP inside the beltway, has lost its glitter. You have to be
more creative:
A convertor consists of a resister, capaciter, and
inducter expressed in terms of a gaussion sweater theory.

What would yo Mama say 'bout that?

73's
Richard Clark, KB7QHC

3843. Re: Material of wire: does it affect a loop antenna's performance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 00:10:27 UTC
From: Jim - NN7K <NN7K@NOWAY.NET>
Message-ID: <TxHfh.27596$qO4.10720@newssvr13.news.prodigy.net>
Source record: 48117

Actually, Helium was discovered (via
spectrograph), on the SUN, long before it was
found on Earth! A product of fusion
generated from the Sun's Hydrogen atoms!
Jim- NN7K

>> John Smith wrote:
>> > ...
>>> Helium wells? Naa, they are a myth just like hydrogen wells are, Arnold
>>> ...
>>> Regards,
>>> JS
>> And before someone calls me on it, yes, I do know there is helium
>> trapped in oil wells!
>>
>> JS
>

3844. Re: Material of wire: does it affect a loop antenna's performance?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 01:03:28 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <AjIfh.7334$Ga1.6665@newssvr12.news.prodigy.net>
Source record: 48118

Jim - NN7K wrote:
> Actually, Helium was discovered (via spectrograph), on the SUN, long
> before it was found on Earth! A product of fusion
> generated from the Sun's Hydrogen atoms!

Of course, that's completely understandable,
but how did it get to Texas?
--
73, Cecil http://www.w5dxp.com

3845. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 02:47:42 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1165978061.999488.259030@f1g2000cwa.googlegroups.com>
Source record: 48119

Cecil, can you state that if an antenna is in the house one would not
hear static?
I seem to remember that when I was at the top of a mountain in a rain
forest I put the antenna inside the car but the noise was S9 plus....
no communication could get thru
Bearing this in mind static noise was radiated to the antenna was it
not? So why cannot a droplet falling at 32 ft per sec sq not produce
radiation or if it impacts a dielectric transfer a electric charge with
curl? Isnt this lightning on a small scale? What I am getting at I
suppose
is if the antenna is protected from the environment and gets static
noise surely it is a radiaated phenomina. IR antennas have never stated
that their antenna was immune to static!

Cecil Moore wrote:
> Deni F5VJC wrote:
> > So, I guess my verical wire is
> > quite well insulated and certainly not in contact with charged rain.
> > We've had particularly heavy rainstorms lately in France and this is
> > definitely rain or rain induced static., starting and stopping in
> > sympathy with the rain storms very easy to identify.
>
> Is anything about your antenna in contact with charged
> rain? Your noise problem might have the same cause
> as lightning, i.e. the global atmospheric electrical
> circuit. You might be experiencing simple corona
> discharge.
> --
> 73, Cecil http://www.w5dxp.com

3846. Angle of radiation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 03:18:42 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <vjKfh.189$Cv1.65@bignews6.bellsouth.net>
Source record: 48120

This afternoon while cleaning a closet I pulled out an old US map that had been marked with contacts I made back when I worked 10M a lot. After the local stations there is a big empty area on the map then I started making contacts again at about 300 miles. Antenna used was a 1/4 lambda groundplane with the radials drooping so to match 50 ohms. A chart I found indicates that this means I have a vertical angle of radiation of 50 to 60 degrees. Is this correct??. I didnt think the angle would be so great for this antenna.

BTW the antenna was about 30 ft off the ground when in use.
Jimmie

3847. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 03:39:55 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <qDKfh.195$Cv1.35@bignews6.bellsouth.net>
Source record: 48121

>> Did you get bored with a gaussian bundle?

>> Richard Clark, KB7QHC
>

Seems I have at least heard of Gaussian bundle, Is this anything like a freznel.

Dont you just love it the way threads ramble, kind of like a word association game.

Jimmie

3848. Re: Angle of radiation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 04:07:38 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <f0Lfh.19887$Zb5.12225@newsfe13.phx>
Source record: 48123

"Jimmie D" <jimmiedee@bellsouth.net> wrote in message
news:vjKfh.189$Cv1.65@bignews6.bellsouth.net...
> This afternoon while cleaning a closet I pulled out an old US map that had
> been marked with contacts I made back when I worked 10M a lot. After the
> local stations there is a big empty area on the map then I started making
> contacts again at about 300 miles. Antenna used was a 1/4 lambda
groundplane
> with the radials drooping so to match 50 ohms. A chart I found indicates
> that this means I have a vertical angle of radiation of 50 to 60 degrees.
Is
> this correct??. I didnt think the angle would be so great for this
antenna.
>
The gap between the farthest of the ground wave contacts and the nearest of the skip contacts is termed the Skip Zone and the 50 to 60 degree number you cited sounds accurate. It represents the highest takeoff angle that is successfully refracted back to earth.

Please note there is no one takeoff angle. It's a range of angles and your transmissions at many angles are returned simultaneously. A quoted takeoff angle is merely the angle for the strongest signal. For a given paths a particular takeoff angle may be optimum, but others will still work.

3849. Re: Angle of radiation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 04:07:52 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <ffuun2du4q57mgj8fehfh8hffj18a2nfvq@4ax.com>
Source record: 48122

On Tue, 12 Dec 2006 22:18:42 -0500, "Jimmie D"
<jimmiedee@bellsouth.net> wrote:

>This afternoon while cleaning a closet I pulled out an old US map that had
>been marked with contacts I made back when I worked 10M a lot. After the
>local stations there is a big empty area on the map then I started making
>contacts again at about 300 miles. Antenna used was a 1/4 lambda groundplane
>with the radials drooping so to match 50 ohms. A chart I found indicates
>that this means I have a vertical angle of radiation of 50 to 60 degrees. Is
>this correct??. I didnt think the angle would be so great for this antenna.
>
>BTW the antenna was about 30 ft off the ground when in use.
>Jimmie
>

Would the skip zone (the gap between where ground wave peters out and
where sky wave is sufficiently low angle to refract in the ionosphere)
explain your observation?

Owen
--

3850. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 04:41:42 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <7l0vn2ht7075kt812tjuaqvofelrv487ek@4ax.com>
Source record: 48124

On Tue, 12 Dec 2006 22:39:55 -0500, "Jimmie D"
<jimmiedee@bellsouth.net> wrote:

>
>>> Did you get bored with a gaussian bundle?
>
>>> Richard Clark, KB7QHC
>>
>
>Seems I have at least heard of Gaussian bundle, Is this anything like a
>freznel.

Hi Jimmie,

Fresnel? Why not a non-linear medium yielding a Kerr Soliton?

Having said that, what does it:
1. Demonstrate?
2. Prove?
3. Bear any relevance to?

Grab any equation and you can tweak it until it fails and a new
physics is born.

This is turning into a rice bowl that feeds the multitudes.

73's
Richard Clark, KB7QHC

3851. Re: Angle of radiation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 04:45:42 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <gBLfh.618$hv1.312@bignews1.bellsouth.net>
Source record: 48125

"Owen Duffy" <owen@no.where> wrote in message
news:ffuun2du4q57mgj8fehfh8hffj18a2nfvq@4ax.com...
> On Tue, 12 Dec 2006 22:18:42 -0500, "Jimmie D"
> <jimmiedee@bellsouth.net> wrote:
>
>>This afternoon while cleaning a closet I pulled out an old US map that had
>>been marked with contacts I made back when I worked 10M a lot. After the
>>local stations there is a big empty area on the map then I started making
>>contacts again at about 300 miles. Antenna used was a 1/4 lambda
>>groundplane
>>with the radials drooping so to match 50 ohms. A chart I found indicates
>>that this means I have a vertical angle of radiation of 50 to 60 degrees.
>>Is
>>this correct??. I didnt think the angle would be so great for this
>>antenna.
>>
>>BTW the antenna was about 30 ft off the ground when in use.
>>Jimmie
>>
>
> Would the skip zone (the gap between where ground wave peters out and
> where sky wave is sufficiently low angle to refract in the ionosphere)
> explain your observation?
>
> Owen
> --

Yes but the chart I have seems to be telling me that the distance to the
first skip zone has a direct correlation with radiation angle with 300 miles
being indicated for an antenna with a 50 or 60 degree angle . Is this
correct? I was thinking this particular antenna would have a lower radiation
angle but I am beginning to think this may be typical of the drooping radial
1/4 wl antena.

3852. Re: Angle of radiation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 04:51:18 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <xGLfh.621$hv1.534@bignews1.bellsouth.net>
Source record: 47926

"Sal M. Onella" <salmonella@food.poisoning.org> wrote in message
news:f0Lfh.19887$Zb5.12225@newsfe13.phx...
>
> "Jimmie D" <jimmiedee@bellsouth.net> wrote in message
> news:vjKfh.189$Cv1.65@bignews6.bellsouth.net...
>> This afternoon while cleaning a closet I pulled out an old US map that
>> had
>> been marked with contacts I made back when I worked 10M a lot. After the
>> local stations there is a big empty area on the map then I started making
>> contacts again at about 300 miles. Antenna used was a 1/4 lambda
> groundplane
>> with the radials drooping so to match 50 ohms. A chart I found indicates
>> that this means I have a vertical angle of radiation of 50 to 60 degrees.
> Is
>> this correct??. I didnt think the angle would be so great for this
> antenna.
>>
> The gap between the farthest of the ground wave contacts and the nearest
> of
> the skip contacts is termed the Skip Zone and the 50 to 60 degree number
> you
> cited sounds accurate. It represents the highest takeoff angle that is
> successfully refracted back to earth.
>
> Please note there is no one takeoff angle. It's a range of angles and
> your
> transmissions at many angles are returned simultaneously. A quoted
> takeoff
> angle is merely the angle for the strongest signal. For a given paths a
> particular takeoff angle may be optimum, but others will still work.
>
>

Makes sense, since as I get further away, 600 miles the density of contacts
actually increases.
Seems to be a really strong concentration of contacts in gulf area from
louisianna on toward
texas from here in north carolina.

3853. hello

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 04:53:23 UTC
From: maskeybishal@hotmail.com
Message-ID: <1165985603.145489.236360@73g2000cwn.googlegroups.com>
Source record: 47927

hi,
i have just put on a wimax project.... where i have to work on the
aas part.... can some guide be how aas works ..... and the complexity
invovled with it...

3854. hello

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 04:54:04 UTC
From: maskeybishal@hotmail.com
Message-ID: <1165985644.480182.302290@j72g2000cwa.googlegroups.com>
Source record: 47928

hi,
i have just put on a wimax project.... where i have to work on the
aas part.... can some guide be how aas works ..... and the complexity
invovled with it...

3855. Re: Angle of radiation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 05:34:51 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <493vn21u75t40phi5t1u9nnedpoidacuo4@4ax.com>
Source record: 47929

On Tue, 12 Dec 2006 23:45:42 -0500, "Jimmie D"
<jimmiedee@bellsouth.net> wrote:

>
>"Owen Duffy" <owen@no.where> wrote in message
>news:ffuun2du4q57mgj8fehfh8hffj18a2nfvq@4ax.com...
>> On Tue, 12 Dec 2006 22:18:42 -0500, "Jimmie D"
>> <jimmiedee@bellsouth.net> wrote:
>>
>>>This afternoon while cleaning a closet I pulled out an old US map that had
>>>been marked with contacts I made back when I worked 10M a lot. After the
>>>local stations there is a big empty area on the map then I started making
>>>contacts again at about 300 miles. Antenna used was a 1/4 lambda
>>>groundplane
>>>with the radials drooping so to match 50 ohms. A chart I found indicates
>>>that this means I have a vertical angle of radiation of 50 to 60 degrees.
>>>Is
>>>this correct??. I didnt think the angle would be so great for this
>>>antenna.
>>>
>>>BTW the antenna was about 30 ft off the ground when in use.
>>>Jimmie
>>>
>>
>> Would the skip zone (the gap between where ground wave peters out and
>> where sky wave is sufficiently low angle to refract in the ionosphere)
>> explain your observation?
>>
>> Owen
>> --
>
>Yes but the chart I have seems to be telling me that the distance to the
>first skip zone has a direct correlation with radiation angle with 300 miles
>being indicated for an antenna with a 50 or 60 degree angle . Is this
>correct? I was thinking this particular antenna would have a lower radiation
>angle but I am beginning to think this may be typical of the drooping radial
>1/4 wl antena.
>

J,

If I treat the earth as flat, and figure that the propagation is via
F2 layer, say at virtual height 300km, the the rise is 300km for a run
of half of 300mi, or 240km, so the angle of departure is 51 deg.

The refraction mechanism is sharp cut-off, higher angle of incidence will not refract.

We don't know what the pattern on your antenna is, but even though it may have some sharp deep nulls, it is most unlikely to exhibit a total cutoff above that 50 to 60 degree number you have proposed.

Antenna patterns influence things, but exceeding the MUF on a path assures you of no propagation, the MUF dominates. Sure the MUF varies over time, but your historical observations probably just capture the highest MUF that occured with some small probability, depending on how much time you put in to collecting the QSOs.

Owen
--

3856. Re: Angle of radiation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 05:59:51 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <3h5vn216ous1r24p4bc47b8s13pdk983p9@4ax.com>
Source record: 47930

On Tue, 12 Dec 2006 23:45:42 -0500, "Jimmie D"
<jimmiedee@bellsouth.net> wrote:

>I was thinking this particular antenna would have a lower radiation
>angle

is unrelated to:

>but I am beginning to think this may be typical of the drooping radial
>1/4 wl antena.

Hi Jimmie,

The drooping radials affect match only (classically so). The relation
of the WHOLE antenna to ground is the significant predictor of
radiation angle.

73's
Richard Clark, KB7QHC

3857. Re: RoomCap Antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 09:13:03 UTC
From: hb9abx@freesurf.ch
Message-ID: <1166001183.126019.131450@l12g2000cwl.googlegroups.com>
Source record: 47931

John Smith mentioned the Microvert antenna, which I know
very well.
I made an extensive comparison of the RoomCap (hb9abx)
against Microvert, and was using the best Microvert available
(MV-500) for 40m.
Test at same location, both antennas at same height in
A-B configaration.
Test was performed by many rapid changes between the
two antennas, and the remote station was observing
the signal strength.
Result was, that the RoomCap was 2 s-points stronger
in average, in receiption as well as in transmission.
Rember that 2 s-points correspond to 12 dB.
A very clear result.
73s
Felix HB9ABX

3858. VLF Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 09:52:46 UTC
From: Clayton <Evans8119@aol.com>
Message-ID: <1166003566.501785.308910@16g2000cwy.googlegroups.com>
Source record: 47932

Hi,
I am needing to build a VLF antenna for my Andrea
RAK-7 receiver. This receiver covers from
16-600 kHz in 6 bands(15-25 KHz, 25-43.5 KHz,
43.5-77.5 KHz, 77.5-153 KHz, 153-308 KHz,
and 308-600 KHz).

I was wondering if anybody here could help with a
simple yet effective antenna for this receiver?

I am limited
to what's in my small junk box.

I actually have all of the parts to build an E-probe
except for a couple J310 and 2N5109 transistors and a
couple 470uH chokes.

This will be my first venture into the VLF world.
Any help with this would be greatly appreciated
Thank You

3859. Re: VLF Antenna?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 12:31:18 UTC
From: chuck <nospam@nospam.org>
Message-ID: <1166013151_8905@sp6iad.superfeed.net>
Source record: 47933

Clayton wrote:
> Hi,
> I am needing to build a VLF antenna for my Andrea
> RAK-7 receiver. This receiver covers from
> 16-600 kHz in 6 bands(15-25 KHz, 25-43.5 KHz,
> 43.5-77.5 KHz, 77.5-153 KHz, 153-308 KHz,
> and 308-600 KHz).
>
> I was wondering if anybody here could help with a
> simple yet effective antenna for this receiver?
>
> I am limited
> to what's in my small junk box.
>
> I actually have all of the parts to build an E-probe
> except for a couple J310 and 2N5109 transistors and a
> couple 470uH chokes.
>
> This will be my first venture into the VLF world.
> Any help with this would be greatly appreciated
> Thank You
>
Try a Google search on "vlf active antenna".

Chuck

-----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

3860. Radio

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 12:34:11 UTC
From: Brandon <Brandon_Lands@mail.com>
Message-ID: <1166013251_8915@sp6iad.superfeed.net>
Source record: 47934

Friend,

Check out: http://www.Brandon-Lands.com

Posted Via Usenet.com Premium Usenet Newsgroup Services

** SPEED ** RETENTION ** COMPLETION ** ANONYMITY **
----
http://www.usenet.com

3861. Re: Angle of radiation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 12:54:54 UTC
From: chuck <nospam@nospam.org>
Message-ID: <1166014565_9275@sp6iad.superfeed.net>
Source record: 47935

Richard Clark wrote:
> On Tue, 12 Dec 2006 23:45:42 -0500, "Jimmie D"
> <jimmiedee@bellsouth.net> wrote:
>
>> I was thinking this particular antenna would have a lower radiation
>> angle
>
> is unrelated to:
>
>> but I am beginning to think this may be typical of the drooping radial
>> 1/4 wl antena.
>
> Hi Jimmie,
>
> The drooping radials affect match only (classically so). The relation
> of the WHOLE antenna to ground is the significant predictor of
> radiation angle.
>
> 73's
> Richard Clark, KB7QHC

Hello Richard,

The quarter-wave ground-plane antenna's vertical radiation pattern
approaches that of a half-wave vertical as the radial droop approaches
90 degrees, while the feedpoint height remains fixed. Whether one views
that as significant is subjective, of course.

73,

Chuck, NT3G

-----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
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3862. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 13:10:50 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <uZSfh.5174$Gr2.1828@newssvr21.news.prodigy.net>
Source record: 47936

art wrote:
> Cecil, can you state that if an antenna is in the house one would not
> hear static?

I can state that if an antenna is in a closed house one
would not hear *precipitation static* which by definition,
involves charged particles. Here's the definition.

http://www.atis.org/tg2k/_precipitation_static.html

But there are lots of other kinds of static. I just heard
on The Discovery Channel that a certain percentage of the
static we hear is left over from the Big Bang that happened
some 12.5 billion years ago. There's lots of static here
in East Texas, mostly from lightning and old power line
equipment. I have never noticed precipitation static in TX
or in CA. But it was overwhelming in the Arizona desert.
--
73, Cecil http://www.w5dxp.com

3863. Image theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 13:18:21 UTC
From: David <nospam@nospam>
Message-ID: <QLKdnXteOa4HYOLYnZ2dnUVZ8tOmnZ2d@bt.com>
Source record: 47937

Image theory is used to justify the idea that a ground plane reflects the radio wave emitted by a vertical monopole antenna. The radio wave emitted by the vertical induces currents in the metal ground plane. A charge on the vertical induces an opposite charge in the ground plane. If charge on end of vertical is +q, then it induces a charge of -q in the ground plane. The effect is that the charge -q appears to be a distance below the ground, the distance being equal to the distance between ground and charge +q above ground. A distibution of charge is induced in the ground plane by the radiating vertical.

With a dipole the electric field lines go from +q to -q. If a ground plane is inserted at the zero or middle point, with charge below ground plane removed, the electric field lines above the ground plane stay the same. The metal ground plane is a pool of electrons that adjust so that the voltage at the surface is zero i.e. tangent E = 0.

Four radials form a counterpoise. The counterpoise has currents induced. These induced currents then re-radiate, altering the radiation pattern and inducing currents back in the vertical. The induced currents in vertical then affect antenna impedance.

A counterpoise is a metal conductor that has currents induced in it by the radiating element. The currents re-radiate resulting in a field distribution where the countrpoise is a mirror image or opposite version of the radiating element.

What surprises me is the claim that the ground plane can mirror a 3D image e.g. a stacked Yagi.

What are your views on above?

Why do some articles say that the ground plane needs to be connected to the outer braid of coax, while others says this is not necessary?

3864. Re: Angle of radiation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 13:24:53 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <FaTfh.5175$Gr2.2641@newssvr21.news.prodigy.net>
Source record: 47938

Jimmie D wrote:
> This afternoon while cleaning a closet I pulled out an old US map that had
> been marked with contacts I made back when I worked 10M a lot. After the
> local stations there is a big empty area on the map then I started making
> contacts again at about 300 miles. Antenna used was a 1/4 lambda groundplane
> with the radials drooping so to match 50 ohms. A chart I found indicates
> that this means I have a vertical angle of radiation of 50 to 60 degrees. Is
> this correct??. I didnt think the angle would be so great for this antenna.

Every antenna has a vertical beam width. For Vert1.ez
that comes with EZNEC, the 3 dB vertical beamwidth
goes from 9 deg to 53 deg with maximum radiation occurring
at 26 degrees. The vertical beamwidth on a vertical
creates a doughnut of coverage for the first hop. The
inner circle of your doughnut was at 300 miles where
your radiated power may have been more than 3 dB down
from your angle of maximum gain. Question is: Where
was the outer circle of your first hop doughnut?
--
73, Cecil http://www.w5dxp.com

3865. Re: Image theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 13:26:48 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1166016407.957725.160350@f1g2000cwa.googlegroups.com>
Source record: 47939

Hooo boy, big can of worms... Watching this oughtta be f u n...

denny / k8do

David wrote:

3866. Capacitive coupling of magmount

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 13:34:10 UTC
From: David <nospam@nospam>
Message-ID: <OOGdnVK734TSnB3YnZ2dnUVZ8te3nZ2d@bt.com>
Source record: 47940

An earlier posting said that a magmount works because the coax braid (rather than the metal body of the magmount) capacitively couples to the car.
If current flows on inside of coax braid, and braid is an effective shield, how can the braid capacitively couple to the metalwork of car? Either the braid is shielding or capacitively coupling but not both at same time?

Perhaps capacitive coupling is from open unshielded body of magmount, and coax braid adds to area of 'capacitor plate'.

However, the metal body inside the plastic cover does seem rather small to capacitively couple to the car roof especially for HF.

3867. Re: Image theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 15:19:46 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <mSUfh.23023$9v5.12364@newssvr29.news.prodigy.net>
Source record: 47941

David wrote:
> Four radials form a counterpoise. The counterpoise has currents induced.
> These induced currents then re-radiate, ...

Let's look at two equal radials, 180 degrees apart,
horizontal in free space. The radial currents are equal
in magnitude and opposite in direction, i.e. differential.
Theoretically, this causes considerable cancellation
of the radiating fields of those two radials. EZNEC
confirms very little horizontal radiation from two
symmetrical horizontal radials in free space. The same
thing holds true for symmetrical top hats.
--
73, Cecil http://www.w5dxp.com

3868. Re: Capacitive coupling of magmount

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 15:28:42 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <K_Ufh.23025$9v5.4373@newssvr29.news.prodigy.net>
Source record: 47942

David wrote:
> An earlier posting said that a magmount works because the coax braid (rather
> than the metal body of the magmount) capacitively couples to the car.

If the coax braid is coupling much RF to chassis ground,
then the capacitive coupling provided by the magnets is
too small. That tends to happen when magmounts are used
on 75m. I will make some common mode current measurements
for magmount coax for 75m and 17m and post them here.
--
73, Cecil http://www.w5dxp.com

3869. Re: Angle of radiation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 16:08:39 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <pvydndsu3I8ZuB3YnZ2dnUVZ_rOqnZ2d@comcast.com>
Source record: 47943

Jimmie D wrote:

> This afternoon while cleaning a closet I pulled out an old US map that had
> been marked with contacts I made back when I worked 10M a lot. After the
> local stations there is a big empty area on the map then I started making
> contacts again at about 300 miles. Antenna used was a 1/4 lambda groundplane
> with the radials drooping so to match 50 ohms. A chart I found indicates
> that this means I have a vertical angle of radiation of 50 to 60 degrees. Is
> this correct??. I didnt think the angle would be so great for this antenna.
>
> BTW the antenna was about 30 ft off the ground when in use.
> Jimmie
>
>

What is missing is the altitude of the reflecting zone. The altitude of the E, F1, F2 layers very greatly depending on solar activity, season and time of day. There are so many variables in propagation that is is impossible to definitely state what the path and angle were.

3870. i punce in agin

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 17:10:05 UTC
From: Mark <Mark@kp9rqz.asr>
Message-ID: <45802728$0$15535$88260bb3@free.teranews.com>
Source record: 47944
Cross-posted to:
rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb,alt.usenet.kooks

ok I back four anoter tuff day on the news grupes it my job tast is waht I
do so bringit on you loosers
show-na-to-va (that is the greeting for this time of year as JEW rendered
phonicticaly)
happy new years it means and it can be better one if Wismen Robson and SC a
few just decided to not to be as hateful with the punce gotcha he wonders
why I simple don't bother to ty impoving my spelling do u hav anyting cognet
two say?
http://kb9rqz.blogspot.com/

>
>
>
>

--
Posted via a free Usenet account from http://www.teranews.com

3871. fraud

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 17:27:18 UTC
From: Mark@kb9rqz.aprs
Message-ID: <8vd0o2dfg5lgha409hk6ddhspurfl9ali9@4ax.com>
Source record: 47945
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

On Wed, 13 Dec 2006 12:10:05 -0500, "Mark" <Mark@kp9rqz.asr> wrote:

>
fraud
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3872. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 17:31:00 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1166031059.839974.145580@73g2000cwn.googlegroups.com>
Source record: 47946

Cept the Big Bang wasn't...
Looking back in time by looking out into the universe is only partially correct (yes those photons may have traveled 12 billion light years to get here, that does not make them the beginning of the universe, it only makes them as far as we can see at this point in our technology ...
There is a force pushing mega amounts of matter (clusters of galaxies) apart in spite of the local gravitational well that by BBT has to be pulling them back together - a force that was absolutely NOT predicted by the BBT nor can be accomodated by it without adding some constants here, removing some there, changing the value of this and tweaking that - and those frantic tweaks <again and again> are not as a result of calm, cool, theoretical considerations, but because the ⋆^&$♯)@! universe is not cooperating!...
As a scientific explanation the BBT resembles The House that Topsy Built, only more rickety...
And then there is the little complication that there is NOW energy contained in every cubic inch of empty space, and E = MC^2, and -oops- the total weight of the universe has changed 'again', the Hubble constant rolls off into the weeds 'again' ...
<"Bring me the big erasor, we've got some constants to modify 'again', Earl.">

denny / k8do

3873. Re: Crankup Antenna as Vertical

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 17:42:34 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <u1e0o2dh5ckps6a8opu6a5gp7demf8iiu8@4ax.com>
Source record: 47947

On Mon, 11 Dec 2006 20:04:23 -0500, "Jimmie D"
<jimmiedee@bellsouth.net> wrote:

>I am considering using a crankup antenna as a1/4 wl antenna on 75/80m and
>was wondering if ther is any history of someone doing this and using the
>crankup feature for tuning the antenna. My guess is that it would be too
>difficult to maintain electrical contact between the movable and stationary
>pieces to be able to do this but still I am interested if anyone has
>successfully pulled this off and how they did it.
>
>Jimmie
>
I have a tubular crank up as you describe. I have never even attempted
to use the tower as a radiator because of the number of for seeable
problems. Since it is grounded, a shunt feed of some sort would be
required. It seems that anything that changes on the tower requires a
corresponding adjustment in the feed.

The raising scheme in my tower presents an unpredictable electrical
bond in the structure. I don't think minute to minute conditions are
predictable.

I considered a steel tape measure alongside the tower as a radiator,
but the model of a grounded structure did look promising!

A remote antenna tuner might show some promise but I will shy away
from it for fear of damaging the electronics with a rapidly changing
load.

As long as there is a need to raise & lower the mast anything
(dipoles, inv v, etc) are messy when lowered.

I consider it essential to be able to retract my tubular mast with a
Cushcraft A# on it!

John Ferrell W8CCW

3874. Re: Crankup Antenna as Vertical

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 17:46:22 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <d1f0o2pp7pf3t6evdr3qh7srroj5fc25l3@4ax.com>
Source record: 47948

>I consider it essential to be able to retract my tubular mast with a
>Cushcraft A# on it!
>
>John Ferrell W8CCW
That should read Cushcraft A3.
John Ferrell W8CCW

3875. Re: Capacitive coupling of magmount

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 17:48:15 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1166032095.447328.177330@16g2000cwy.googlegroups.com>
Source record: 47949

Hmm, all this presumes that whip is the radiator and the car is merely
the ground return for the radiated RF currents...
What happens if we change our point of view and say that the whip plus
car is all part of an off center fed dipole that is insulated from the
earth by rubber donuts, and the RF currents on the external coax are
merely the equalizing flow of RF returning via unequal capacitive
coupling of the car body and whip to the earth? At that point we are
measuring the return flow between two unequal halves of a dipole...

denny - here there be dragons...

Cecil Moore wrote:
> David wrote:
> > An earlier posting said that a magmount works because the coax braid (rather
> > than the metal body of the magmount) capacitively couples to the car.
>
> If the coax braid is coupling much RF to chassis ground,
> then the capacitive coupling provided by the magnets is
> too small. That tends to happen when magmounts are used
> on 75m. I will make some common mode current measurements
> for magmount coax for 75m and 17m and post them here.
> --
> 73, Cecil http://www.w5dxp.com

3876. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 18:16:26 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <elpg2acpk1@news.service.uci.edu>
Source record: 47950

Richard Clark wrote:

> This is turning into a rice bowl that feeds the multitudes.

A tautological vomitorium as it were. :-)

ac6xg

3877. Re: Image theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 18:54:47 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <elpia8$e51$1@news.service.uci.edu>
Source record: 47951

Hi David,

My advice would be to expand your reference library. One can't expect
to accurately describe an elephant after seeing only its tail.

ac6xg

David wrote:

> Image theory is used to justify the idea that a ground plane reflects the
> radio wave emitted by a vertical monopole antenna. The radio wave emitted by
> the vertical induces currents in the metal ground plane. A charge on the
> vertical induces an opposite charge in the ground plane. If charge on end of
> vertical is +q, then it induces a charge of -q in the ground plane. The
> effect is that the charge -q appears to be a distance below the ground, the
> distance being equal to the distance between ground and charge +q above
> ground. A distibution of charge is induced in the ground plane by the
> radiating vertical.
>
> With a dipole the electric field lines go from +q to -q. If a ground plane
> is inserted at the zero or middle point, with charge below ground plane
> removed, the electric field lines above the ground plane stay the same. The
> metal ground plane is a pool of electrons that adjust so that the voltage at
> the surface is zero i.e. tangent E = 0.
>
> Four radials form a counterpoise. The counterpoise has currents induced.
> These induced currents then re-radiate, altering the radiation pattern and
> inducing currents back in the vertical. The induced currents in vertical
> then affect antenna impedance.
>
> A counterpoise is a metal conductor that has currents induced in it by the
> radiating element. The currents re-radiate resulting in a field distribution
> where the countrpoise is a mirror image or opposite version of the radiating
> element.
>
> What surprises me is the claim that the ground plane can mirror a 3D image
> e.g. a stacked Yagi.
>
> What are your views on above?
>
> Why do some articles say that the ground plane needs to be connected to the
> outer braid of coax, while others says this is not necessary?
>
>

3878. Re: Capacitive coupling of magmount

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 19:25:03 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <jsYfh.13177$wc5.10989@newssvr25.news.prodigy.net>
Source record: 47952

Denny wrote:
> Hmm, all this presumes that whip is the radiator and the car is merely
> the ground return for the radiated RF currents...

Assume an ideal vertical antenna with elevated radials
fed by coax with no common-mode current on the coax.
Install a large meshed variable capacitor between the
coax braid and the radials so nothing really changes.
Then start reducing the capacitance to the point where
common-mode current on the feedline becomes a problem.
This is akin to the magmount problem at lower frequencies.
Some solve the problem with a direct strap from the
magmount frame to the vehicle chassis, i.e. by shorting
out that variable capacitor.
--
73, Cecil http://www.w5dxp.com

3879. Re: Capacitive coupling of magmount

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 19:47:17 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <a2l0o2h6vpacacbba10c70668023v30jpg@4ax.com>
Source record: 47953

On Wed, 13 Dec 2006 13:34:10 -0000, "David" <nospam@nospam> wrote:

>An earlier posting said that a magmount works

Hi David,

There are a lot of mystical assertions made in behalf of magmounts.
You need only closely examine one statement to consider the mystical
quotient potential:

>because the coax braid (rather
>than the metal body of the magmount) capacitively couples to the car.

The "capacitor" is trotted out like it was a mythical animal on public
display. And yet all capacitors have at least two leads. In the
forced arguments of magmounts, obviously one lead is the RF and
presumably the other is the car body. However, those same forced
arguments clam up when the question begs "where do those leads go? (as
all cap leads do eventually complete a circuit to a source).

Very long paths are involved, and those forced arguments failing to
walk that walk (much less do that talk) are not going to explain the
complexities of reactances and resistances that dominate that
dimension.

>If current flows on inside of coax braid, and braid is an effective shield,
>how can the braid capacitively couple to the metalwork of car?

This statement betrays a misunderstanding of the feed point
relationships and the role of Common Mode.

>Either the
>braid is shielding or capacitively coupling but not both at same time?

There is no either/or offered in the first place. Your mistake of
feed point relationships has overlooked the "third" wire of the
seemingly two wire load. That "third" wire (the coax shield) runs in
very close proximity to the car body for as great a distance as any
capacitor lead described above. This shield/body relationship offers
vastly more capacitance than any mount.

Review that archives for discussions of the need for feedpoint
decoupling, Common Mode, Chokes, and 1:1 BalUns. This study will
correct the mistake of feed point relationships in your statement
above.

>However, the metal body inside the plastic cover does seem rather small to
>capacitively couple to the car roof especially for HF.

Indeed.

73's
Richard Clark, KB7QHC

3880. Re: Image theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 19:50:55 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <m9m0o2t96fkn2ka66ofsedhbrc40997ni3@4ax.com>
Source record: 47954

On Wed, 13 Dec 2006 13:18:21 -0000, "David" <nospam@nospam> wrote:

>Image theory is used to justify the idea that a ground plane reflects the
>radio wave emitted by a vertical monopole antenna.

Hi Dave,

Pretty crummy theory, isn't it? You should consider better sources of
information.

73's
Richard Clark, KB7QHC

3881. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 20:01:24 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <amm0o2hckbaau40bep28o99fpm13cvepkq@4ax.com>
Source record: 47955

On 13 Dec 2006 09:31:00 -0800, "Denny" <k8do@mailblocks.com> wrote:

>As a scientific explanation the BBT resembles The House that Topsy
>Built, only more rickety...

Hi Denny,

Your objection (emblematic of the unquoted ones) has all the hallmarks
of Creationist Science. No one can live in that "House" because it is
rickety. So live in the street instead? Fine if your neighborhood is
the Garden of Eden, but it rains here, and this old house, as rickety
as it is - still has a tight roof.

73's
Richard Clark, KB7QHC

3882. Re: Angle of radiation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 20:23:53 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <vmn0o2t38f32vj5joflj3l6ipfbsb84ars@4ax.com>
Source record: 47957

On Wed, 13 Dec 2006 07:54:54 -0500, chuck <nospam@nospam.org> wrote:

>>> I was thinking this particular antenna would have a lower radiation
>>> angle

>The quarter-wave ground-plane antenna's vertical radiation pattern
>approaches that of a half-wave vertical as the radial droop approaches
>90 degrees, while the feedpoint height remains fixed. Whether one views
>that as significant is subjective, of course.

Hi Chuck,

Lifting a ground plane off the ground, so that drooping the radials could, in fact, be drooped; this does more to raise the gain, than drooping the radials (something like four-fold more).

Already having the antenna off the ground, and then drooping the radials does accomplish a lowering of the angle, and increasing the gain. However, I would propose drooping is largely practiced more to pull the match into 50 Ohms from 35 Ohms than for any perceived benefit in "Gain" (which is perhaps all of half a dB or slightly more). Changing the height could easily erode that partial dB.

Moral:
Droop the radials for match;
Raise (correctly place) the antenna for gain.

73's
Richard Clark, KB7QHC

3883. Re: Capacitive coupling of magmount

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 20:32:37 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <8nn0o2hr6mbo8b5ib9gunchnoftcn791nh@4ax.com>
Source record: 47956

On Wed, 13 Dec 2006 11:47:17 -0800, Richard Clark <kb7qhc@comcast.net>
wrote:

...
>There is no either/or offered in the first place. Your mistake of
>feed point relationships has overlooked the "third" wire of the
>seemingly two wire load. That "third" wire (the coax shield) runs in
>very close proximity to the car body for as great a distance as any
>capacitor lead described above. This shield/body relationship offers
>vastly more capacitance than any mount.

The "third wire" (being the current flowing on the outside of outer
conductor of the coax) is more properly a transmission line itself,
possibly a leaky (ie radiating) transmission line.

For example, were you to place a magmount on a large metal ground
plane (that is a sheet, not wires), and lay the coax straight from a
magmount to the source whose ground terminal is bonded to that ground
plane, the effect of the coax will depend on the electrical length
formed by the outside of the shield of the coax and the ground plane.
Consider the effects of the transmission line so formed were it an
electrical quarter wave, and an electrical half wave (taking into
account any bulk shunt capacitance at the magmount due to the mount
itself..

Who knows what happens in actual magmount installations? They truly
fall into the category of "works" on lower frequencies, whatever
"works" means to the individual.

Owen

...
--

3884. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 21:52:18 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <aE_fh.665$_S3.182@bignews2.bellsouth.net>
Source record: 47958

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:uZSfh.5174$Gr2.1828@newssvr21.news.prodigy.net...
> art wrote:
>> Cecil, can you state that if an antenna is in the house one would not
>> hear static?
>
> I can state that if an antenna is in a closed house one
> would not hear *precipitation static* which by definition,
> involves charged particles. Here's the definition.
>
> http://www.atis.org/tg2k/_precipitation_static.html
>
> But there are lots of other kinds of static. I just heard
> on The Discovery Channel that a certain percentage of the
> static we hear is left over from the Big Bang that happened
> some 12.5 billion years ago. There's lots of static here
> in East Texas, mostly from lightning and old power line
> equipment. I have never noticed precipitation static in TX
> or in CA. But it was overwhelming in the Arizona desert.
> --
> 73, Cecil http://www.w5dxp.com

IMO there seems to be a corellation between how dry the air is before the
rain starts and how much static is generated.

3885. Re: Image theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 22:44:38 UTC
From: David <nospam@nospam>
Message-ID: <D_GdnWhWAdHIHx3YnZ2dnUVZ8sG3nZ2d@bt.com>
Source record: 47959

The books also say that if the antenna is vertical to groundplane the iamge is in phase and reinforces the wave emitted by vertical.
If antenna is horizontal and close to ground plane, the image cancels out wave emitted by antenna.

Is this what happens in real life? It is known that if the 2 conductors of twin feeder are close together, the fields cancel out and there is very little radiation.

Are you saying that electromagnetic theory is wrong? What about fibre optic cable? If ordinary glass strands were used, when the cable was bent, the light would be blocked and not travel any further.

3886. Re: Angle of radiation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 23:15:07 UTC
From: john Wiener <jawod@fuse.net>
Message-ID: <4580897B.9020603@fuse.net>
Source record: 47960

Richard Clark wrote:
> On Wed, 13 Dec 2006 07:54:54 -0500, chuck <nospam@nospam.org> wrote:
>
>>>> I was thinking this particular antenna would have a lower radiation
>>>> angle
>
>> The quarter-wave ground-plane antenna's vertical radiation pattern
>> approaches that of a half-wave vertical as the radial droop approaches
>> 90 degrees, while the feedpoint height remains fixed. Whether one views
>> that as significant is subjective, of course.
>
> Hi Chuck,
>
> Lifting a ground plane off the ground, so that drooping the radials
> could, in fact, be drooped; this does more to raise the gain, than
> drooping the radials (something like four-fold more).
>
> Already having the antenna off the ground, and then drooping the
> radials does accomplish a lowering of the angle, and increasing the
> gain. However, I would propose drooping is largely practiced more to
> pull the match into 50 Ohms from 35 Ohms than for any perceived
> benefit in "Gain" (which is perhaps all of half a dB or slightly
> more). Changing the height could easily erode that partial dB.
>
> Moral:
> Droop the radials for match;
> Raise (correctly place) the antenna for gain.
>
> 73's
> Richard Clark, KB7QHC
Richard, you're slipping. A concise helpful response ? Man. I didn't
see that one coming.

and now back to the "tautological vomitorium"

John
AB8O

3887. Tuning angle of groundplane antenna.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 23:24:43 UTC
From: bj <bj_sprowls@yahoo.com>
Message-ID: <1166052283.516599.191060@l12g2000cwl.googlegroups.com>
Source record: 47961

I've recently dug out an old groundplane antenna I built years ago to play around with. I've lost all my old papers and haven't been able to find the tuning equation for setting the proper angle of the base emitters down from the verticle emitter to a certain freq. Setting the lengths is no problem, it's the angle I haven't found. I believe I originally pulled them from an old Satellite Times Mag about 15 years ago which has long since gone the way of the wind. Would anyone lend a hand?

3888. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-13 23:56:54 UTC
From: Tom Donaly <dtdonaly@sbcglobal.net>
Message-ID: <ar0gh.23146$9v5.2036@newssvr29.news.prodigy.net>
Source record: 47962

Jimmie D wrote:
> "Cecil Moore" <mycall@hotmail.com> wrote in message
> news:uZSfh.5174$Gr2.1828@newssvr21.news.prodigy.net...
>
>>art wrote:
>>
>>>Cecil, can you state that if an antenna is in the house one would not
>>>hear static?
>>
>>I can state that if an antenna is in a closed house one
>>would not hear *precipitation static* which by definition,
>>involves charged particles. Here's the definition.
>>
>>http://www.atis.org/tg2k/_precipitation_static.html
>>
>>But there are lots of other kinds of static. I just heard
>>on The Discovery Channel that a certain percentage of the
>>static we hear is left over from the Big Bang that happened
>>some 12.5 billion years ago. There's lots of static here
>>in East Texas, mostly from lightning and old power line
>>equipment. I have never noticed precipitation static in TX
>>or in CA. But it was overwhelming in the Arizona desert.
>>--
>>73, Cecil http://www.w5dxp.com
>
>
> IMO there seems to be a corellation between how dry the air is before the
> rain starts and how much static is generated.
>
>

For those interested in more than just what springs fully formed
from Cecil's mouth:

"Detecting the Earth's Electricity" by Shawn Carlson,
Scientific American, July 1999.

"Getting a Charge Out of Rain" by Shawn Carlson
Scientific American, August 1997

Read the articles, build the equipment, use it, and
decide for yourself what's going on.
73,
Tom Donaly, KA6RUH

3889. The Truth is that Steve can't face the the truth,"What it's like to lick my excrement off of another man's genitals"sayth Robeson

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-14 00:40:45 UTC
From: Mark@kb9rqz.aprs
Message-ID: <gb71o2preksmuhmvei6af2ad8gnulg65sq@4ax.com>
Source record: 47963
Cross-posted to: rec.radio.amateur.policy,rec.radio.shortwave,alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna

On Wed, 13 Dec 2006 19:39:04 -0500, <Mark@kp9rqz.asr> wrote:

>I do make earth moon earth bluouce on my radois anddo not talk to bootlog

The Truth is that Steve can't face the the truth,"What it's like to
lick my excrement off of another man's genitals"sayth Robeson
stop the cyber vandalsim

cyber fraud does not help you steve
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3890. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-14 02:52:41 UTC
From: Mike Coslo <mcoslo@comcast.net>
Message-ID: <Xns9898DE9131DCDmcoslocomcastnet@216.196.97.136>
Source record: 47964

Richard Clark <kb7qhc@comcast.net> wrote in
news:amm0o2hckbaau40bep28o99fpm13cvepkq@4ax.com:

> On 13 Dec 2006 09:31:00 -0800, "Denny" <k8do@mailblocks.com> wrote:
>
>>As a scientific explanation the BBT resembles The House that Topsy
>>Built, only more rickety...
>
> Hi Denny,
>
> Your objection (emblematic of the unquoted ones) has all the hallmarks
> of Creationist Science. No one can live in that "House" because it is
> rickety. So live in the street instead? Fine if your neighborhood is
> the Garden of Eden, but it rains here, and this old house, as rickety
> as it is - still has a tight roof.

Ah, another foray into cosmology - and here in a rain static thread!

The BBT is indeed venturing further and further into the land of "just so",
and reasonable thinking people and not just RWC fundies (who do not think)
can legitimately find some problems with it.

I still await proton decay. But I have a gut feeling we may not find
it.....

- 73 de Mike KB3EIA -

3891. Re: Image theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-14 03:44:32 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <AM3gh.9180$hI.8535@newssvr11.news.prodigy.net>
Source record: 47965

David wrote:
> Are you saying that electromagnetic theory is wrong?

Without a quote, nobody can tell to whom you are posing
that question. My threaded newsreader says you are replying
to your original posting.
--
73, Cecil http://www.w5dxp.com

3892. Re: RoomCap Antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-14 04:16:44 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <elqj7d$6ji$1@aioe.org>
Source record: 47966

hb9abx@freesurf.ch wrote:
> John Smith mentioned the Microvert antenna, which I know
> very well.
> I made an extensive comparison of the RoomCap (hb9abx)
> against Microvert, and was using the best Microvert available
> (MV-500) for 40m.
> Test at same location, both antennas at same height in
> A-B configaration.
> Test was performed by many rapid changes between the
> two antennas, and the remote station was observing
> the signal strength.
> Result was, that the RoomCap was 2 s-points stronger
> in average, in receiption as well as in transmission.
> Rember that 2 s-points correspond to 12 dB.
> A very clear result.
> 73s
> Felix HB9ABX
>

And, yesterday I walked on water, in front of 12 witnesses.

Fortunate for you, I made a video of this! If you go to my webpage you can purchase a high definition video in true color of this truly amazing feat of mine, for the most reasonable price of $29.95 USD! Click here to purchase this truly remarkable video--a real once in a lifetime opportunity:

http://BridgeForSale.org

Regards,
JS

3893. Re: Tuning angle of groundplane antenna.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-14 07:07:29 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <tkt1o2de0a3t51n8g6jc5nqcsu5k60ntaq@4ax.com>
Source record: 47967

On 13 Dec 2006 15:24:43 -0800, "bj" <bj_sprowls@yahoo.com> wrote:

>Setting the
>lengths is no problem, it's the angle I haven't found.

Hi OM,

Actually, the lengths and the angles BOTH impact the resonance and the match (varying from 30 odd Ohms to 70 odd Ohms). One solution is to cut the radials and start depressing them until you get the match you want. If they don't match, cut them shorter and repeat.

73's
Richard Clark, KB7QHC

3894. Re: Image theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-14 07:18:52 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <u2u1o29661ge2q5rn3cmqjvpdvj9a5ae9d@4ax.com>
Source record: 47968

On Wed, 13 Dec 2006 22:44:38 -0000, "David" <nospam@nospam> wrote:

>The books also say
>If antenna is horizontal and close to ground plane, the image cancels out
>wave emitted by antenna.

Hi David,

Your sources are pretty crummy. This information is quite in
contradiction with the operation of a halfwave horizontal a
quarterwave above earth, isn't it? A simple EZNEC model will reveal
this clearly.

>Is this what happens in real life?

Umm, no.

>It is known that if the 2 conductors of
>twin feeder are close together, the fields cancel out and there is very
>little radiation.

Not the same thing.

>Are you saying that electromagnetic theory is wrong?

Who is "you?"

>What about fibre optic
>cable? If ordinary glass strands were used, when the cable was bent, the
>light would be blocked and not travel any further.

I've worked with a lot of fiber optics, and that statement simply
doesn't make much sense. Ordinary and un-ordinary glass (as well as
plastic) strands work differently by degree, not differently by
theory.

73's
Richard Clark, KB7QHC

3895. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-14 07:21:58 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <eru1o2hpach5i12q4au0a4nekkpg9afd4s@4ax.com>
Source record: 47969

On Wed, 13 Dec 2006 23:56:54 GMT, "Tom Donaly"
<dtdonaly@sbcglobal.net> wrote:

>"Detecting the Earth's Electricity" by Shawn Carlson,
>Scientific American, July 1999.
>
>"Getting a Charge Out of Rain" by Shawn Carlson
>Scientific American, August 1997
>

Excellant sources, Tom.

73's
Richard Clark, KB7QHC

3896. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-14 10:29:15 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <c2agh.921$_z6.429@bignews3.bellsouth.net>
Source record: 47971

"Richard Clark" <kb7qhc@comcast.net> wrote in message
news:eru1o2hpach5i12q4au0a4nekkpg9afd4s@4ax.com...
> On Wed, 13 Dec 2006 23:56:54 GMT, "Tom Donaly"
> <dtdonaly@sbcglobal.net> wrote:
>
>>"Detecting the Earth's Electricity" by Shawn Carlson,
>>Scientific American, July 1999.
>>
>>"Getting a Charge Out of Rain" by Shawn Carlson
>>Scientific American, August 1997
>>
>
> Excellant sources, Tom.
>
> 73's
> Richard Clark, KB7QHC

The question to me is not whether or not that the phenomenon exist but that it does seem to behave differently at different places at least per the different reports I have heard here and my own personal experience. In some places it is quite common and in other places people are totally unfamilar with it. The latter would have been my case if I had never moved from South Ga. From my perpective it does seem to track humidity or rather the lack of humidity. IS this not correct?

3897. E/H in a waveguide

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-14 10:40:13 UTC
From: Apterix80 <apterix80@myland.com>
Message-ID: <45812a0d$0$1014$39cecf19@news.twtelecom.net>
Source record: 47970

If possible i wish to know if in a waveguide it is E/H = Z=377 Ohm ,or ,as i suspect , the impedance migh be may quite very different from such value , in a manner that the mode TEM can have it at least E/H= 10000 Ohm too.

Thanks

This article posted from the web-interface to the Internet Partners news server (news.ipinc.net), Portland's full-service business Internet provider. Check out http://news.ipinc.net/ for free web access to Usenet news.

3898. 1296 eggbeater

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-14 11:22:41 UTC
From: ml <m@di.net>
Message-ID: <m-B0E044.06224014122006@news.verizon.net>
Source record: 47972

i was just wondering, i see a company such as M2 has a nice 2m and
-->440 eggbeater'' style of antennas

but i couldn't find anyone making one for higher freq such as 1296 etc

my thought was that it wasn't marketing related

so what happend at that band that makes a eggbeater
'poor'/inefficient??

thanks

3899. Re: Mystery antenna problem

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-14 11:27:56 UTC
From: ml <m@di.net>
Message-ID: <m-6F945E.06275514122006@news.verizon.net>
Source record: 47973

i'd guess you won't really know w/out a detailed physical inspection
unless somthing happens drastic when it rains vs a long dry spell

sure the coax could have gone bad but you have a nice meter seems you
could actually test it ,

any chance animals chewed any of the coax did anything touch the
raditors such as a branch or such perhaps near a endpoint tie off?

prb i am not much help but good luck

In article <R5adnTyeKpJzY-PYnZ2dnUVZ_ubinZ2d@neonova.net>,
KC1DI <elbc2@fairpoint.net> wrote:

> Michael Coslo wrote:
> > After the bout of windy weather we had a week or so ago, my mini antenna
> > farm was wrecked. My HF6V sustained a broken mast, which was easily
> > repairable.
> >
> > My OCF dipole on the other hand, stopped working properly.
> >
> > Originally cut for the standard 80-40-20-10 config, the best SWR
> > near 80 meters has risen to around 4.37 MHz, 40 meters is around the
> > correct frequency, but has SWR has risen a bit to around 2.5. 20 meters
> > is over 3, and 10 is better than 7.
> >
> > 18 MhZ also has a 1.2:1 SWR.
> >
> > SWR measured with a MFJ259 meter.
> >
> >
> > The specs of the antenna are (roughly, as I'm doing this from memory)
> >
> > 48 feet short side, 130 long side
> >
> > 4:1 Balun
> >
> > Height around 50 feet.
> >
> > Coax coiled balun near house entrance Coax split just above balun for
> > lightning arrester installation.
> >
> >
> > Since I bought a new 4:1 balun at Dayton last year to replace one that I
> > fixed a while back, I decided to replace it. Same result.
> >

> > I took the choke balun and lightning arrester out of the picture to
> > isolate them, and measured from there. No difference.
> >
> > Coax connectors look good.
> >
> > So what I am left with is the coax and the antenna wire itself.
> >
> > Unless someone has played an *awesome* practical joke on me, the
> > antenna dimensions haven't changed.
> >
> > So can coax go bad in a way that will raise the lowest SWR in the
> > way I describe? Of course I could just replace it, but I'd like to know
> > why.
> >
> >
> >
> > - 73 de Mike KB3EIA -
> >
> >
> >
> >
> Hi Mike,
>
> You do not mention what type of Coax /fittings your using But I've had
> the foam insulated type change in high winds here in the past. Also was
> there any driving rain with the wind.. check for moisture penetration at
> the connectors. if moisture has gotten into the coax braid it may
> produce the results you speak of also.
> good luck
> 73 Dave Kc1di
> let us know what you find :)

3900. Re: Tuning angle of groundplane antenna.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-14 11:53:06 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <GfKdnfHpdM--phzYnZ2dnUVZ_vTinZ2d@bright.net>
Source record: 47974

I've always drooped my (VHF and UHF) radials at 45 degrees and they have always worked OK.

Scott

bj wrote:
> I've recently dug out an old groundplane antenna I built years ago to
> play around with. I've lost all my old papers and haven't been able to
> find the tuning equation for setting the proper angle of the base
> emitters down from the verticle emitter to a certain freq. Setting the
> lengths is no problem, it's the angle I haven't found. I believe I
> originally pulled them from an old Satellite Times Mag about 15 years
> ago which has long since gone the way of the wind. Would anyone lend a
> hand?
>

3901. Re: 1296 eggbeater

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-14 12:36:53 UTC
From: Rick <ricknj10@hotmail.com>
Message-ID: <Czbgh.100$qb2.59@newsfe12.lga>
Source record: 47975

> so what happend at that band that makes a eggbeater
> 'poor'/inefficient??

Most users find they need 20 db gain, just to get out of their backyard.

Rick K2XT

3902. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-14 12:51:37 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1166100697.492115.319370@80g2000cwy.googlegroups.com>
Source record: 47976

Creationist? Me? Surely you jest, Shirley... I am not superstitious... Well, a little knowledge is a dangerous thing, they say... And in a lifetime of accumulating a little knowledge I have noticed a few things along the way...

FIrst mathematics is simply a language, just another way of describing things... And when I was a majors candidate in science I noticed when taking math that equations can describe things that cannot exist in the physical world... I remember one physics course where the instructor, droll fellow by the way, 'proved' that the universe is multidimensional (Fime, Superstring, etc.)... His equations balanced on both sides and therefore it had to be true, so he said...
At the same time I was also a majors candidate in the Arts and I had noticed this priceless contribution to another world of language:
`Twas brillig, and the slithy toves Did gyre and gimble in the wabe:
All mimsy were the borogoves, And the mome raths outgrabe.. . . ',
etc...

Now I gotta tell ya, as a farm boy from the thumb of Michigan I have pitched my share of manure and know it when I smell it...

Lastly, we have to be careful of falling into the trap similar to a former Director of the Patent Office who declared everything important had already been invented... It is easy to simply fall in line with the big names and big reputations declaring that the BBT explains everything and that settles that... There is science and technology yet to come that will find distance, forces and energy in the universe that is likely to turn the BBT onto its ear... So, for the moment I remain a thoughtful agnostic RE the BBT...

denny

3903. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-14 13:17:47 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <%9cgh.30608$wP1.22461@newssvr14.news.prodigy.net>
Source record: 47977

Jimmie D wrote:
> From my perpective it does seem to track humidity or rather the lack of
> humidity. IS this not correct?

Of course that's correct. Take a look at table 2 in
the following ESDA web page where there is up to a
60 to one difference in static levels between 25% max
RH and 65% min RH: They also say, "Virtually all
materials, including water and dirt particles in the
air, can be triboelectrically charged."

http://www.esda.org/basics/part1.cfm
--
73, Cecil http://www.w5dxp.com

3904. Re: Mystery antenna problem

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-14 13:29:54 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <4pCdnV-YA6hNzBzYnZ2dnUVZ_h7inZ2d@comcast.com>
Source record: 47978

Water in the balun or feedline?

Michael Coslo wrote:

> After the bout of windy weather we had a week or so ago, my mini antenna
> farm was wrecked. My HF6V sustained a broken mast, which was easily
> repairable.
>
> My OCF dipole on the other hand, stopped working properly.
>
> Originally cut for the standard 80-40-20-10 config, the best SWR
> near 80 meters has risen to around 4.37 MHz, 40 meters is around the
> correct frequency, but has SWR has risen a bit to around 2.5. 20 meters
> is over 3, and 10 is better than 7.
>
> 18 MhZ also has a 1.2:1 SWR.
>
> SWR measured with a MFJ259 meter.
>
>
> The specs of the antenna are (roughly, as I'm doing this from memory)
>
> 48 feet short side, 130 long side
>
> 4:1 Balun
>
> Height around 50 feet.
>
> Coax coiled balun near house entrance Coax split just above balun for
> lightning arrester installation.
>
>
> Since I bought a new 4:1 balun at Dayton last year to replace one that I
> fixed a while back, I decided to replace it. Same result.
>
> I took the choke balun and lightning arrester out of the picture to
> isolate them, and measured from there. No difference.
>
> Coax connectors look good.
>
> So what I am left with is the coax and the antenna wire itself.
>
> Unless someone has played an *awesome* practical joke on me, the
> antenna dimensions haven't changed.
>

> So can coax go bad in a way that will raise the lowest SWR in the
> way I describe? Of course I could just replace it, but I'd like to know
> why.
>
>
>
> - 73 de Mike KB3EIA -
>
>
>
>

3905. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-14 13:32:00 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <kncgh.30632$wP1.4124@newssvr14.news.prodigy.net>
Source record: 47979

Denny wrote:
> There is science and technology
> yet to come that will find distance, forces and energy in the universe
> that is likely to turn the BBT onto its ear... So, for the moment I
> remain a thoughtful agnostic RE the BBT...

Scientists once said space is not empty. Then some other
scientists "proved" that space is empty. Now some latter
day scientists have pretty much proved that "empty" space
is not empty.

It is possible that ordinary black holes eventually
explode forming mini-universes (like ours?) So maybe
it was just a Relatively Medium Bang instead? Would you
believe an RMBT? :-) These multiple bubble universes
may sometimes collide and indeed there seems to be a
section of our universe where the light is blue shifted.
--
73, Cecil http://www.w5dxp.com

3906. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-14 15:26:23 UTC
From: Tom Donaly <dtdonaly@sbcglobal.net>
Message-ID: <z2egh.30839$wP1.21183@newssvr14.news.prodigy.net>
Source record: 47980

Richard Clark wrote:
> On Wed, 13 Dec 2006 23:56:54 GMT, "Tom Donaly"
> <dtdonaly@sbcglobal.net> wrote:
>
>
>>"Detecting the Earth's Electricity" by Shawn Carlson,
>>Scientific American, July 1999.
>>
>>"Getting a Charge Out of Rain" by Shawn Carlson
>>Scientific American, August 1997
>>
>
>
> Excellant sources, Tom.
>
> 73's
> Richard Clark, KB7QHC

Thanks, Richard.
73,
Tom Donaly, KA6RUH

3907. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-14 16:19:29 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <9ut2o2tj8p4hsbfbqge2g4f7a5bat5ne7m@4ax.com>
Source record: 47981

On 14 Dec 2006 04:51:37 -0800, "Denny" <k8do@mailblocks.com> wrote:

>Creationist? Me?

Hi Denny,

The substance of your posting (consistent on this side topic throughout) paints one from event-horizon-to-event-horizon. Examine it and note there isn't any discussion of theory, merely the hint of an alternative's outcome - a Creationist hallmark.

73's
Richard Clark, KB7QHC

3908. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-14 16:25:16 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <afu2o2deju9p5vtikfakq471gc3sb59j9t@4ax.com>
Source record: 47982

On Thu, 14 Dec 2006 05:29:15 -0500, "Jimmie D"
<jimmiedee@bellsouth.net> wrote:

>The question to me is not whether or not that the phenomenon exist but that
>it does seem to behave differently at different places at least per the
>different reports I have heard here and my own personal experience.

Hi Jimmie,

The difference is, if you have the instruments suggested in these
articles offered by Tom, then you have a basis for making
determinations. Anything else is the subjectivity of stamp
collecting.

>In some
>places it is quite common and in other places people are totally unfamilar
>with it. The latter would have been my case if I had never moved from South
>Ga. From my perpective it does seem to track humidity or rather the lack of
>humidity. IS this not correct?

Humidity is a correlative, certainly. Temperature and water content
are strongly linked, but most of us are only aware of RELATIVE not
absolute humidity. Hint: using the right instrument can make a huge
difference in this issue of Rain Static.

73's
Richard Clark, KB7QHC

3909. Re: 1296 eggbeater

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-14 16:42:06 UTC
From: Dale Parfitt <par@parelectronics.com>
Message-ID: <y9fgh.11144$Q36.8625@trnddc08>
Source record: 47983

"ml" <m@di.net> wrote in message
news:m-B0E044.06224014122006@news.verizon.net...
>i was just wondering, i see a company such as M2 has a nice 2m and
> -->440 eggbeater'' style of antennas
>
> but i couldn't find anyone making one for higher freq such as 1296 etc
>
> my thought was that it wasn't marketing related
>
> so what happend at that band that makes a eggbeater
> 'poor'/inefficient??
>
>
>
> thanks

I doubt it has anything to do with efficinecy, but rather criticalness of
the dimenions at 23cM. In addition, a 0dBd horizontal antenna at 1296 is not
all that useful.

Dale W4OP

3910. Re: 1296 eggbeater

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-14 17:44:26 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <_3ggh.3511$IO5.1445@trnddc01>
Source record: 47984

"ml" <m@di.net> wrote in message
news:m-B0E044.06224014122006@news.verizon.net...
>i was just wondering, i see a company such as M2 has a nice 2m and
> -->440 eggbeater'' style of antennas
>
> but i couldn't find anyone making one for higher freq such as 1296 etc
>
> my thought was that it wasn't marketing related
>
> so what happend at that band that makes a eggbeater
> 'poor'/inefficient??
>
>
>
> thanks

Hi "ml"

If you want hemispheric coverage of circular polarizes signals, I have documented a concept that involves harnessing 4 half wave dipoles to provide excellent coverage. For low power situations regular TV quality components can be used. The concept can be seen at http://213.250.83.83/~jerry/.

Jerry

3911. i punce in agin

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-14 19:35:34 UTC
From: Mark@kp9rqz.asr
Message-ID: <45819ac5$0$15511$88260bb3@free.teranews.com>
Source record: 47985
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb,alt.usenet.kooks,rec.arts.poems,rec.music.hip-hop

ok I back four anoter tuff day on the news grupes it my job tast is waht I
do so bringit on you loosers
show-na-to-va (that is the greeting for this time of year as JEW rendered
phonicticaly)
happy new years it means and it can be better one if Wismen Robson and SC a
few just decided to not to be as hateful with the punce gotcha he wonders
why I simple don't bother to ty impoving my spelling do u hav anyting
cognet two say?
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3912. Morkie, I will conceed that you know two things that I will never know...What it's like to lick my excrement off of another man's genitals, and the going welfare rates in Michigan. steve goes claiming

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-14 21:17:12 UTC
From: Mark@kb9rqz.aprs
Message-ID: <oof3o2h958q0rfmntju26d36ptfiih3htq@4ax.com>
Source record: 47986
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb,rec.arts.poems,rec.music.hip-hop

Morkie, I will conceed that you know two things that I will never know...What it's like to lick my excrement off of another man's genitals, and the going welfare rates in Michigan. steve goes claiming
othermen eat his shit
stop the lying stop the vandalism and stop the bull at this point my server say you have post 8o plus itme titled with shit or a synoym in the title

stop lying syaing I eat your shit

stop lying about being miiss quoted
get a life and get help since you are clearly obessed with staking a man sexualy

the truth I trick you in 1998 when you threnting to MURDER me

stop this whining and face facts you are the one that is sick with your obesstion for shit

the ruth is you are truly MAD robeson get help

and please stop the lie I have seen that you are doing ANYTHING for my benifit

and stop lying about the ToS of Google they expressly prohibit your cyvervandalism

and stop lying about my Military service I have my DD 214 as I guess you do likely yours list section 8 as reason for discharge
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3913. Re: A request for guidance from academics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-14 22:25:47 UTC
From: Dave <noone@nowhere.com>
Message-ID: <P5GdnQlZJLzrUhzYnZ2dnUVZ_oCmnZ2d@crocker.com>
Source record: 47987

"art" <aunwin@insightbb.com> wrote in message
news:1166132782.230558.71350@l12g2000cwl.googlegroups.com...
>I recently gave a write up on Gaussian arrays
> As a sample which was not directed for any
> desirable I laid out the following
>
> All of the elements were placed above each other purely
> to make things easier to do plus it being an unusual
> arrangement probably never seen before.
>
> Coordinates (perfect ground) Inches
> X Y Z
>
> 0 209.46 927.1
> 0 198.25 973.97
> 0 172.78 822.86
> 0 219.83 964.4
> 0 185.53 922.4
>
> With 1" dia elements
> my results were
> Impedance 48.5 + j 0.1
> Horiz gain 8.12 dbi @ 12 deg
> Rc gain 5.11 dbic
>
> Since I am not sure of the capabilities of EZNEC
> or other programs
> I also supply the following
>
> All elements driven impedances are
> 6.58 + j56.9
> -5.28 - j 37.6
> -5.00 -125
> 9.35 + 58.5
> -16.2 - j205

as i pointed out before, and this verifies, you have found one of the
limitations of finite element methods for modeling antennas. very close
spacings between long elements causes un-realizable results. the extremely
low real components of the impedance and high reactive values are symptoms
of this.

>
> Now I need the help from anybody with a engineering degree
> which wipes out Richard since his only intent is to ridicule,

> or deceive anyway, to confirm the following
>
> For a Gaussian field the energy radiated
> by the array as a whole (feed element 1)
> must equal the sum of the energy
> supplied from each individual element.

this is true for any array.

>
> Questions.
> 1. Am I correct in saying this?
> 2. Does the above array rank in any way
> as a Gaussian array.?

define 'gaussian array' as it applies to antennas that you are describing.

that type of array is not defined in my copies of Jackson's or
Ramo-Whinner-VanDuzer's books, nor does my IEEE antenna design handbook
mention that term. there are references to 'gaussian beams' with respect to
the shape of the fields from feed horns for microwave dishes and other
quasi-optical systems. Some searching of the web also seems to refer to
gaussian arrays, but those all seem to be related to current or power
distribution on elements of an adaptive array.

>
> Frankly, one or more of you is an academic so I really am
> pointing at you for direction so I can be sure that my
> program has not somehow become corrupted
> I am sharing this with you so can you share
> your input with me? If you prefer to communicate
> by E mail with me that is fine since we know that
> the lips of some will spew
> Art
>

3914. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-14 22:48:36 UTC
From: scarlson@sas.org
Message-ID: <1166136516.617763.51030@n67g2000cwd.googlegroups.com>
Source record: 47988

>
> For those interested in more than just what springs fully formed
> from Cecil's mouth:
>
> "Detecting the Earth's Electricity" by Shawn Carlson,
> Scientific American, July 1999.
>
> "Getting a Charge Out of Rain" by Shawn Carlson
> Scientific American, August 1997
>
> Read the articles, build the equipment, use it, and
> decide for yourself what's going on.
> 73,
> Tom Donaly, KA6RUH

I want to thank Tom Donaly for mentioning these articles. I worked very hard of them back when I used to write for Scientific American and I still think these are great resources. "Getting a Charge Out of Rain" is actually my favorite of the projects, and it's one I invite everyone to try. The apparatus described in the article allows one to measure the electric charge on individual drops of rain as they fall in a summer storm.

The instrument set a new standard for measuring charges on droplets because the device is intrinsically calibrated. The calibration is achieved by using a precision capacitor. Since the value of the capacitance is precisely known, the charge on the falling drop can be determined by simple geometry and the size of the voltage pulse generated as it falls through the detector. As I understand it, some folks who do these kinds of measurements professionally redesigned their detectors to take advantage of the technique that this article introduced.

If you can't find a copy of these articles in your local library, they are available on The Amateur Scientist 3.0 CD-ROM, which is my personal archive of all the articles that ever appeared in The Amateur Scientist department of Scientific American going back to the beginning in 1927. (Over 1000 projects.) You can find it either on Amazon or on my own web site at http://www.brightscience.com

3915. Re: A request for guidance from academics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-14 23:33:13 UTC
From: Dave <noone@nowhere.com>
Message-ID: <SaKdneIUD4beQhzYnZ2dnUVZ_s2vnZ2d@crocker.com>
Source record: 47989

```
"art" <aunwin@insightbb.com> wrote in message
news:1166138525.108132.62430@l12g2000cwl.googlegroups.com...
>
> Dave wrote:
>> "art" <aunwin@insightbb.com> wrote in message
>> news:1166132782.230558.71350@l12g2000cwl.googlegroups.com...
>> >I recently gave a write up on Gaussian arrays
>> > As a sample which was not directed for any
>> > desirable I laid out the following
>> >
>> > All of the elements were placed above each other purely
>> > to make things easier to do plus it being an unusual
>> > arrangement probably never seen before.
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>> > Coordinates ( perfect ground) Inches
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>> > 0 198.25 973.97
>> > 0 172.78 822.86
>> > 0 219.83 964.4
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>> >
>> > With 1" dia elements
>> > my results were
>> > Impedance 48.5 + j 0.1
>> > Horiz gain 8.12 dbi @ 12 deg
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>> >
>> > Since I am not sure of the capabilities of EZNEC
>> > or other programs
>> > I also supply the following
>> >
>> > All elements driven impedances are
>> > 6.58 + j56.9
>> > -5.28 - j 37.6
>> > -5.00 -125
>> > 9.35 + 58.5
>> > -16.2 - j205
>>
>> as i pointed out before, and this verifies, you have found one of the
>> limitations of finite element methods for modeling antennas. very close
>> spacings between long elements causes un-realizable results. the
>> extremely
```

>> low real components of the impedance and high reactive values are
>> symptoms
>> of this.
>>
>
>
> David this is just conjecture on your part. I respect your knoweledge
> but I am looking for academic proof. Your comments may well be valid in
> general terms but I have given
> a specific case plus some of my findings. Prove to me the error of my
> ways please
>
>> >
>> > Now I need the help from anybody with a engineering degree
>> > which wipes out Richard since his only intent is to ridicule,
>> > or deceive anyway, to confirm the following
>> >
>> > For a Gaussian field the energy radiated
>> > by the array as a whole (feed element 1)
>> > must equal the sum of the energy
>> > supplied from each individual element.
>>
>> this is true for any array. O.K. and I gave you all the impedances that
>> you would need to prove or disprove what I have said. I would be
>> interested in what a academic would say
> regarding a proof measure based on the figures I've given which I
> believe is all that is needed
>>
>> >
>> > Questions.
>> > 1. Am I correct in saying this?
>> > 2. Does the above array rank in any way
>> > as a Gaussian array.?
>>
>> define 'gaussian array' as it applies to antennas that you are
>> describing.
>>
>> that type of array is not defined in my copies of Jackson's or
>> Ramo-Whinner-VanDuzer's books, nor does my IEEE antenna design handbook
>> mention that term. there are references to 'gaussian beams' with respect
>> to
>> the shape of the fields from feed horns for microwave dishes and other
>> quasi-optical systems. Some searching of the web also seems to refer to
>> gaussian arrays, but those all seem to be related to current or power
>> distribution on elements of an adaptive array.
>
> Yes, these deal with other works of Gauss as he was primarily a
> mathematicial and his work is all the vogue now in the communications
> world with respect to channels.
>

> No you will not find it in books possibly because of the popularity of
> the Yagi were all
> that is known about antennas was known. I am absolutely positive that
> in time this will be picked up and put in the books because I am making
> it known and I gave several paragraphs
> that showed the trail of deductions using the word of the masters and
> nobody found fault that they could justify academically. Richard is
> known to lead people astray and he is doing it again. He, Richard has
> no engineering degree, he may have one on geography since he was in the
> navy and if you know what hemesphere the Panama canal is, and you get
> two shots at it you can get a degree in the mail. When I gave you the
> impedances it is the root
> of determining the energy supplied by a radiating element where Z1 Z2
> etc is all you need
> Again I agree that this is not stated in the books but surely you don't
> believe all is in the books at the present time ? Electricity is not
> immune to new discovery.
> I welcome your comments but really I am looking for academic proof
> where Richard has muddled things up so much I am beginning to question
> myself even tho no facts only words have been offered

unfortunately it is not possible to prove a negative. and you have not proved your case. I have pointed out the well known failure of finite element modeling that most of us with engineering degrees do understand and avoid. you have simply been misled by software that you don't understand completely. And no, I don't think everything is in books already, but I don't believe that someone playing around with software they don't understand is going to discover a new principle that hasn't been studied elsewhere. So, again I ask, please define 'Gaussian array', give web references that explain it if you can't, surely something that is on the cutting edge of technology will have many web sites trying to promote it, or sell antennas based on this design.

3916. Critical Frequency and MUF

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 00:41:33 UTC
From: "C. J. Clegg" <reply.in.group@nospam.no>
Message-ID: <pan.2006.12.15.00.41.31.358554@nospam.no>
Source record: 47990

I thought I understood about critical frequencies and MUFs and such, but an event this evening has me puzzled.

I was on a military net on a frequency somewhat above the 75-meter band. According to the "Near Real Time F2-Layer Critical Frequency Map" at http://solar.spacew.com/www/fof2.html, the critical frequency in this area at that time was below 3 MHz, which would have put it WELL below our frequency of operation. Yet, I was able to communicate with another station about 70 miles away, with weak-but-clear (Q5 copy) both ways. And I'm only running 5 watts (he was running 100 watts I believe).

70 miles seems a bit far for groundwave, and the critical frequency seemed much too low for NVIS, so how was I able to communicate reliably with this other station?

My antenna is a half wave dipole for the frequency in use, at elevation 17 feet above ground. My ground elevation is about 250 feet above sea level.

Would that big solar storm of the last day or so, the one that made all the news about how it might knock out satellites and power grids and such, have anything to do with it? I would have thought that if anything, that would have hurt not helped.

Seems very strange...

3917. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 00:50:22 UTC
From: Tom Donaly <dtdonaly@sbcglobal.net>
Message-ID: <ijmgh.9329$hI.4507@newssvr11.news.prodigy.net>
Source record: 47991

scarlson@sas.org wrote:
>>For those interested in more than just what springs fully formed
>>from Cecil's mouth:
>>
>>"Detecting the Earth's Electricity" by Shawn Carlson,
>>Scientific American, July 1999.
>>
>>"Getting a Charge Out of Rain" by Shawn Carlson
>>Scientific American, August 1997
>>
>>Read the articles, build the equipment, use it, and
>>decide for yourself what's going on.
>>73,
>>Tom Donaly, KA6RUH
>
>
> I want to thank Tom Donaly for mentioning these articles. I worked
> very hard of them back when I used to write for Scientific American and
> I still think these are great resources. "Getting a Charge Out of
> Rain" is actually my favorite of the projects, and it's one I invite
> everyone to try. The apparatus described in the article allows one to
> measure the electric charge on individual drops of rain as they fall in
> a summer storm.
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> The instrument set a new standard for measuring charges on droplets
> because the device is intrinsically calibrated. The calibration is
> achieved by using a precision capacitor. Since the value of the
> capacitance is precisely known, the charge on the falling drop can be
> determined by simple geometry and the size of the voltage pulse
> generated as it falls through the detector. As I understand it, some
> folks who do these kinds of measurements professionally redesigned
> their detectors to take advantage of the technique that this article
> introduced.
>
> If you can't find a copy of these articles in your local library, they
> are available on The Amateur Scientist 3.0 CD-ROM, which is my personal
> archive of all the articles that ever appeared in The Amateur Scientist
> department of Scientific American going back to the beginning in 1927.
> (Over 1000 projects.) You can find it either on Amazon or on my own
> web site at http://www.brightscience.com
>

Hi Shawn,
I found the references on the CD-ROM. I can attest to the

fact that the CD-ROM is well worth having. The old Amateur Scientist was a wonderful feature of Scientific American. It would be good to see it resuscitated.
73,
Tom Donaly, KA6RUH

3918. Re: A request for guidance from academics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 01:02:36 UTC
From: Dave <noone@nowhere.com>
Message-ID: <Pr2dnZGIo9yraRzYnZ2dnUVZ_uC3nZ2d@crocker.com>
Source record: 47992

electrostatics is a small subset of electromagnetics, and with good cause. its application is limited to static electric fields only. no current, no radiation, just static electric fields. so don't try to sell an antenna based on electrostatics or you will be lumped in with the e/h guys.

coupling between elements of an antenna is a given, you can't have a conductor in an electromagnetic field without it coupling somehow to the field and re-radiating. to try to convince anyone otherwise is to ignore 100+ years of electromagnetic research.

also, if you are basing this on new principles you can't expect eznec or ao or any of the existing finite element programs to do anything reasonable for it, they will all fall apart like the example you posted and give unobtainable models because they use classical electromagnetics to do all their calculations.

as far as patents... i don't trust them any further than i can throw them, you can patent anything unless it says 'free energy' or 'perpetual motion' in it. heck there are even patents for faster than light antennas. if you can't explain the principles well enough to pass a peer review for something like the ieee a&p proceedings the science isn't right.

"art" <aunwin@insightbb.com> wrote in message
news:1166141722.039274.76890@j72g2000cwa.googlegroups.com...
> David listen to me. Please. Gaussian law with respect to electrostatics
> is very well known
> And you surely are aware that electrostatics is a subset of
> electromagnetics.
> Now you, because of your education and professional experience know
> that the energy radiated can be calculated tho it is laborious to do. I
> have given you a Gaussian version where only V=IZ needs to be known
> where as other means require coupling factors plus other things.
> Gausses law is very simple, the energy provided by the addition of curl
> to the contained static electrical particles is equal to the radiation
> outside the arbitary border when you add " in a space of time" or
> something similar to Gausses law.
> Yes it is not in the books because it is new, thats right, new in my
> eyes because it provides an array without the addition of elements that
> are detuned as with the Yagi. With the Gaussian array you do not have
> to make compromises with respect to desirables as shown in Chaptor 2 in
> the Antenna handbook. The Gaussian array provides sync between all the
> curves over a bandwidth. Over time I have written this patent
> application many times because of derision from amateures. But, now I
> am appealing to the academics or qualified
> engineers. (I once was an engineer but time has messed the mind in some

> areas}to help me out so I can finalise things but above all I want
> academic facts and not drivel that I get from those who follow Richard.
> Is there any other academics out there that can help me out as well as
> clarifying what I say for better understanding. Anybody to join David ?
> Regards
> Art
>
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> Dave wrote:
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>> >> as i pointed out before, and this verifies, you have found one of the
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>> >> low real components of the impedance and high reactive values are
>> >> symptoms
>> >> of this.
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>> >
>> >
>> > David this is just conjecture on your part. I respect your knoweledge
>> > but I am looking for academic proof. Your comments may well be valid in
>> > general terms but I have given
>> > a specific case plus some of my findings. Prove to me the error of my
>> > ways please
>> >
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>> >> > Now I need the help from anybody with a engineering degree
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>> >> > by the array as a whole (feed element 1)
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>> >> respect

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>> >> the shape of the fields from feed horns for microwave dishes and other
>> >> quasi-optical systems. Some searching of the web also seems to refer
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>> > Yes, these deal with other works of Gauss as he was primarily a
>> > mathematicial and his work is all the vogue now in the communications
>> > world with respect to channels.
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>> > No you will not find it in books possibly because of the popularity of
>> > the Yagi were all
>> > that is known about antennas was known. I am absolutely positive that
>> > in time this will be picked up and put in the books because I am making
>> > it known and I gave several paragraphs
>> > that showed the trail of deductions using the word of the masters and
>> > nobody found fault that they could justify academically. Richard is
>> > known to lead people astray and he is doing it again. He, Richard has
>> > no engineering degree, he may have one on geography since he was in the
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>> > believe all is in the books at the present time ? Electricity is not
>> > immune to new discovery.
>> > I welcome your comments but really I am looking for academic proof
>> > where Richard has muddled things up so much I am beginning to question
>> > myself even tho no facts only words have been offered
>>
>> unfortunately it is not possible to prove a negative. and you have not
>> proved your case. I have pointed out the well known failure of finite
>> element modeling that most of us with engineering degrees do understand
>> and
>> avoid. you have simply been misled by software that you don't understand
>> completely. And no, I don't think everything is in books already, but I
>> don't believe that someone playing around with software they don't
>> understand is going to discover a new principle that hasn't been studied
>> elsewhere. So, again I ask, please define 'Gaussian array', give web
>> references that explain it if you can't, surely something that is on the
>> cutting edge of technology will have many web sites trying to promote it,
>> or
>> sell antennas based on this design.
>

3919. Re: Critical Frequency and MUF

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 01:04:42 UTC
From: Dave <noone@nowhere.com>
Message-ID: <6rOdnZz-DMwpaRzYnZ2dnUVZ_sGqnZ2d@crocker.com>
Source record: 47993

"C. J. Clegg" <reply.in.group@nospam.no> wrote in message
news:pan.2006.12.15.00.41.31.358554@nospam.no...
>
> I thought I understood about critical frequencies and MUFs and such, but
> an event this evening has me puzzled.
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> I was on a military net on a frequency somewhat above the 75-meter band.
> According to the "Near Real Time F2-Layer Critical Frequency Map" at
> http://solar.spacew.com/www/fof2.html, the critical frequency in this area
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> I'm only running 5 watts (he was running 100 watts I believe).
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> 70 miles seems a bit far for groundwave, and the critical frequency seemed
> much too low for NVIS, so how was I able to communicate reliably with this
> other station?
>
> My antenna is a half wave dipole for the frequency in use, at elevation 17
> feet above ground. My ground elevation is about 250 feet above sea level.
>
> Would that big solar storm of the last day or so, the one that made all
> the news about how it might knock out satellites and power grids and such,
> have anything to do with it? I would have thought that if anything, that
> would have hurt not helped.
>
> Seems very strange...
>

i would not call that far for ground wave if the band is reasonably quiet.
but also the very disturbed conditions could have greatly enhanced the muf
locally, there is a great auroral opening on 6m now and also some sporadic e
enhancements reported due to the storm, so it could have been some of that
helping things along.

3920. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 02:18:19 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <458205eb$0$6155$39cecf19@news.twtelecom.net>
Source record: 47995

Richard Clark wrote:

> On 13 Dec 2006 09:31:00 -0800, "Denny" <k8do@mailblocks.com> wrote:
>
>
>>As a scientific explanation the BBT resembles The House that Topsy
>>Built, only more rickety...
>
>
> Hi Denny,
>
> Your objection (emblematic of the unquoted ones) has all the hallmarks
> of Creationist Science. No one can live in that "House" because it is
> rickety. So live in the street instead? Fine if your neighborhood is
> the Garden of Eden, but it rains here, and this old house, as rickety
> as it is - still has a tight roof.
>
> 73's
> Richard Clark, KB7QHC

On this Richard, we agree completely.

tom
K0TAR

3921. Re: Critical Frequency and MUF

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 02:25:42 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <0414o2lh369q9abu19im7p5fe21lmls4dv@4ax.com>
Source record: 47994

On Thu, 14 Dec 2006 19:41:33 -0500, "C. J. Clegg"
<reply.in.group@nospam.no> wrote:

>
>I thought I understood about critical frequencies and MUFs and such, but
>an event this evening has me puzzled.
>
>I was on a military net on a frequency somewhat above the 75-meter band.
>According to the "Near Real Time F2-Layer Critical Frequency Map" at
>http://solar.spacew.com/www/fof2.html, the critical frequency in this area
>at that time was below 3 MHz, which would have put it WELL below our
>frequency of operation. Yet, I was able to communicate with another
>station about 70 miles away, with weak-but-clear (Q5 copy) both ways. And
>I'm only running 5 watts (he was running 100 watts I believe).
>
>70 miles seems a bit far for groundwave, and the critical frequency seemed
>much too low for NVIS, so how was I able to communicate reliably with this
>other station?
>

Do you know what f0F2 was at the path midpoint, or are you depending
on interpolation?

In this neck of the woods, there is abundant sporadic E, and of such
intensity that ionsondes are showing two, three and four
"reflections". How do they measure f0F2 in the presense of long
running high intensity Es that prevent rays passing through to the F2
layer?

Owen
--

3922. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 02:26:54 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <jt14o2tnnufslaqk1nambafhhaangb0lod@4ax.com>
Source record: 47996

On 14 Dec 2006 14:48:36 -0800, scarlson@sas.org wrote:

>>
>> For those interested in more than just what springs fully formed
>> from Cecil's mouth:
>>
>> "Detecting the Earth's Electricity" by Shawn Carlson,
>> Scientific American, July 1999.
>>
>> "Getting a Charge Out of Rain" by Shawn Carlson
>> Scientific American, August 1997
>>
>> Read the articles, build the equipment, use it, and
>> decide for yourself what's going on.
>> 73,
>> Tom Donaly, KA6RUH
>
>I want to thank Tom Donaly for mentioning these articles. I worked
>very hard of them back when I used to write for Scientific American and
>I still think these are great resources. "Getting a Charge Out of
>Rain" is actually my favorite of the projects, and it's one I invite
>everyone to try. The apparatus described in the article allows one to
>measure the electric charge on individual drops of rain as they fall in
>a summer storm.
>
>The instrument set a new standard for measuring charges on droplets
>because the device is intrinsically calibrated. The calibration is
>achieved by using a precision capacitor. Since the value of the
>capacitance is precisely known, the charge on the falling drop can be
>determined by simple geometry and the size of the voltage pulse
>generated as it falls through the detector. As I understand it, some
>folks who do these kinds of measurements professionally redesigned
>their detectors to take advantage of the technique that this article
>introduced.
>
>If you can't find a copy of these articles in your local library, they
>are available on The Amateur Scientist 3.0 CD-ROM, which is my personal
>archive of all the articles that ever appeared in The Amateur Scientist
>department of Scientific American going back to the beginning in 1927.
>(Over 1000 projects.) You can find it either on Amazon or on my own
>web site at http://www.brightscience.com

Hi Dr. Shawn,

I'm glad you've posted here. The link provided offers just exactly what I've been looking for.

Thanx.

73's
Richard Clark, KB7QHC

3923. Re: A request for guidance from academics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 03:06:24 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <5034o2h84ddfp92t8noisvice40k4lcmpc@4ax.com>
Source record: 47997

On 14 Dec 2006 16:15:22 -0800, "art" <aunwin@insightbb.com> wrote:

>But, now I
>am appealing to the academics or qualified
>engineers. (I once was an engineer but time has messed the mind in some
>areas}to help me out so I can finalise things but above all I want
>academic facts and not drivel that I get from those who follow Richard.

Hi Art,

You've repeated my name more times than Gauss.
That sure gives it a lift. ;-)

>Is there any other academics out there that can help me out as well as
>clarifying what I say for better understanding.

The clarification I offered was:
Throw away 4 of the 5 wires and you improve
both the gain and the match.

If you dismiss this as drivel (a perverse contempt in this forum
dedicated to gain and matching) then there is no clarification to be
gained.

As Dave pointed out, submit to a judged journal and show us the
citation when it publishes.

73's
Richard Clark, KB7QHC

3924. Re: Tuning angle of groundplane antenna.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 04:23:34 UTC
From: jawod <jawod@fuse.net>
Message-ID: <45822346.8030209@fuse.net>
Source record: 47998

Richard Clark wrote:
> On 13 Dec 2006 15:24:43 -0800, "bj" <bj_sprowls@yahoo.com> wrote:
>
>
>>Setting the
>>lengths is no problem, it's the angle I haven't found.
>
>
> Hi OM,
>
> Actually, the lengths and the angles BOTH impact the resonance and the
> match (varying from 30 odd Ohms to 70 odd Ohms). One solution is to
> cut the radials and start depressing them until you get the match you
> want. If they don't match, cut them shorter and repeat.
>
> 73's
> Richard Clark, KB7QHC
That's it. Richard, whether you like it or not, you're helping us
newbies...and I (finally) appreciate it. Thanks.

Let no one concern themselves, arcanum still rules on this NG.

3925. Re: Critical Frequency and MUF

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 04:52:22 UTC
From: "C. J. Clegg" <reply.in.group@nospam.no>
Message-ID: <pan.2006.12.15.04.52.20.977126@nospam.no>
Source record: 47999

On Fri, 15 Dec 2006 02:25:42 +0000, Owen Duffy wrote:

> Do you know what f0F2 was at the path midpoint, or are you depending
> on interpolation?

Well, the path midpoint was pretty much straight up, or maybe up to 20 degrees off of vertical. foF2 all along the path was just a bit under 3 MHz. Frequency of operation was well above 4 MHz.

> In this neck of the woods, there is abundant sporadic E,

I don't really know much about sporadic E, have a vague idea what it is and that's about all, but doesn't it assume that there is an E layer to begin with? This was about 7:30 PM, sunset was around 4:45 PM, and the E layer would have been pretty much gone along with the sun, wouldn't it?

3926. Re: Critical Frequency and MUF

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 05:00:25 UTC
From: "C. J. Clegg" <reply.in.group@nospam.no>
Message-ID: <pan.2006.12.15.05.00.24.341030@nospam.no>
Source record: 48000

On Fri, 15 Dec 2006 01:04:42 +0000, Dave wrote:

> there is a great auroral opening on 6m now and also some sporadic e
> enhancements reported due to the storm, so it could have been some of that
> helping things along.

As I mentioned to Owen, I don't know a lot about sporadic E, but I assumed that it required that there be an E layer to begin with, and wouldn't the E layer be pretty much gone along with the sun? (this was 7:30 PM.)

Anyway, doesn't sporadic E mainly help higher frequency communications, like 10 or 6 meters or above? This was somewhat above 4 MHz, above 75 meters, considerably below what I would have thought would have been affected by sporadic E. But, like I said, I don't know very much about sporadic E.

3927. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 05:01:35 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <P_pgh.67906$HO4.50791@newsfe06.phx>
Source record: 48001

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:uZSfh.5174$Gr2.1828@newssvr21.news.prodigy.net...

< snip >

> I just heard
> on The Discovery Channel that a certain percentage of the
> static we hear is left over from the Big Bang that happened
> some 12.5 billion years ago.

Yes and no. There certainly is something termed galactic noise and most of it has apparently been ricocheting around the cosmos all this time. It was first discovered by Bell Labs scientists using a supercooled microwave amplifier whose noise was higher than expected. They covered the feedhorn and lo! ... The noise dropped!

http://www.amsat.org/amsat/archive/amsat-bb/200112/msg00336.html retells part of the story.

There's no way any of us will be affected by galactic background, however, We'd need a system noise temperature better than 3K (That's 3 Kelvin, not 3,000) to detect it. The best consumer LNA's are way noisier. BTW, some parts of the sky are "hotter" than this background level; if we use a low noise TVRO dish system, we could detect a few star clusters. Of course the sun and the moon can be detected.

3928. Re: A request for guidance from academics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 05:54:52 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <95c4o2pl37too8hftr4g0sccf99v2e6lcf@4ax.com>
Source record: 48002

On 14 Dec 2006 21:04:08 -0800, "art" <aunwin@insightbb.com> wrote:

>All in all the array represents a band pass filter where effort is made
>for constant gain across a band of frequencies

Hi Art,

D.E. Isbell did this 46 years ago.

>which is a different
>requirement from the Yagi

It has been used for TV antennas for lo those same 46 years and to any
casual view looks like a Yagi.

>where amateurs
>are only interested in gain without due referance to constancy across
>the frequency span
>or with regard to the corresponding beam width

Isbell got that too. It was, afterall, everyone's goal and he got:
1. More gain;
2. Better match;
3. More bandwidth;
than 5 un-optimized wires hanging in the air.

Isbell understood Gaus, Maxwell, McGuffey, and the rest and never
appealed to bundles to explain his design (which really bore no more
relation to his antenna than explaining why a car works in terms of
how zippo lighters create a flame).

D.E. Isbell's antenna is included free as an example with every copy
of EZNEC. It contains 5 wires and exhibits:
1. 10% BW
2. 10 dBi gain
3. a serviceable match

Isbell wrote the design up, submitted it to his peers, a jury passed
on his work, it was published, it was patented (3210767) and it has
stood the test of time.

Isbell also explained how to achieve different:
1. Gains;
2. Matches;
3. Bandwidths;
in terms that others could actually build working models.

In regard to this last, I am sure amateur publications offer simple formula to achieve these goals too.

However, if all one has to read is a book about fields, Isbell's invention may come as a surprise. Ramo and the boys don't really talk all that much about "antennas," so citing them as authorities on the subject makes as much sense as crediting Jane Goodall for the Theory of Evolution.

73's
Richard Clark, KB7QHC

3929. Re: Critical Frequency and MUF

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 08:09:45 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <poe4o2t81usj198tm3uudnn510htg5k4us@4ax.com>
Source record: 48003

On Thu, 14 Dec 2006 23:52:22 -0500, "C. J. Clegg"
<reply.in.group@nospam.no> wrote:

>On Fri, 15 Dec 2006 02:25:42 +0000, Owen Duffy wrote:
>
>> Do you know what f0F2 was at the path midpoint, or are you depending
>> on interpolation?
>

You missed my point, it isn't so much as the exact location of the
virtual midpoint, but is there an ionosound measureing that point, or
is the map constructed by interpolating measurements from just a small
number of ionsondes, and is the interpolation sound?

>Well, the path midpoint was pretty much straight up, or maybe up to 20
>degrees off of vertical. foF2 all along the path was just a bit under 3
>MHz. Frequency of operation was well above 4 MHz.
>
>> In this neck of the woods, there is abundant sporadic E,

I should have added "at this time". But sporadic E is most likely
around the solstices, so you should be seeing a bit in the northern
hemisphere.

>
>I don't really know much about sporadic E, have a vague idea what it is
>and that's about all, but doesn't it assume that there is an E layer to
>begin with? This was about 7:30 PM, sunset was around 4:45 PM, and the E
>layer would have been pretty much gone along with the sun, wouldn't it?

Sporadic E does not depend on sunlight, it is one of the mysteries of
Es.

Owen
--

3930. Re: E/H in a waveguide

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 09:31:31 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12o4qrmbkv2v16a@corp.supernews.com>
Source record: 48004

Assuming a vacuum dielectric (for which air is a good approximation):

E/H = 377 ohms only in TEM mode waveguides. Can you explain under what circumstances a TEM wave can have any other value?

At frequencies above cutoff in a TM mode waveguide, the intrinsic or wave impedance (E/H) varies with frequency from zero at cutoff to 377 ohms at infinite frequency. Below cutoff the intrinsic impedance is purely imaginary (reactive).

At frequencies above cutoff in a TE mode waveguide, the intrinsic impedance varies with frequency from infinite at cutoff to 377 ohms at infinite frequency. Below cutoff it's purely imaginary.

A good reference is Johnk, _Engineering Electromagnetic Fields and Waves_

Roy Lewallen, W7EL

Apterix80 wrote:
> If possible i wish to know if in a waveguide it is E/H = Z=377
> Ohm ,or ,as i suspect , the impedance migh be may quite very
> different from such value , in a manner that the mode TEM can have
> it at least E/H= 10000 Ohm too.
>
> Thanks

3931. Re: Tuning angle of groundplane antenna.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 09:35:31 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12o4r35sr5q669b@corp.supernews.com>
Source record: 48005

Scott wrote:
> I've always drooped my (VHF and UHF) radials at 45 degrees and they have
> always worked OK.

A droop of 45 degrees brings the impedance at resonance very close to 50 ohms. EZNEC example file VHFGP.EZ has 45 degree drooping radials. At resonance (around 142.2 MHz), the input resistance is about 51.4 ohms.

Roy Lewallen, W7EL

3932. Re: Angle of radiation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 09:38:18 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12o4r8d2ov3kibe@corp.supernews.com>
Source record: 48006

Jimmie D wrote:

> This afternoon while cleaning a closet I pulled out an old US map that
> had been marked with contacts I made back when I worked 10M a lot.
> After the local stations there is a big empty area on the map then I
> started making contacts again at about 300 miles. Antenna used was a
> 1/4 lambda groundplane with the radials drooping so to match 50 ohms.
> A chart I found indicates that this means I have a vertical angle of
> radiation of 50 to 60 degrees. Is this correct??.
>. . .

No, it's not. An antenna doesn't have a single angle of radiation, but
radiates at all angles.

Roy Lewallen, W7EL

3933. Re: Image theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 09:42:08 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12o4rfjevcsomec@corp.supernews.com>
Source record: 48007

The image "theory" is a simplification of a problem involving an antenna over an infinite, perfect, ground plane.

Four radials behave nothing like an infinite, perfect ground plane, so the premises upon which the image model is based do not apply. Trying to extend it to such systems as four radials will inevitably lead to seriously mistaken conclusions. The claim about stacked Yagis is just one example.

Roy Lewallen, W7EL

David wrote:
> Image theory is used to justify the idea that a ground plane reflects the
> radio wave emitted by a vertical monopole antenna. The radio wave emitted by
> the vertical induces currents in the metal ground plane. A charge on the
> vertical induces an opposite charge in the ground plane. If charge on end of
> vertical is +q, then it induces a charge of -q in the ground plane. The
> effect is that the charge -q appears to be a distance below the ground, the
> distance being equal to the distance between ground and charge +q above
> ground. A distibution of charge is induced in the ground plane by the
> radiating vertical.
>
> With a dipole the electric field lines go from +q to -q. If a ground plane
> is inserted at the zero or middle point, with charge below ground plane
> removed, the electric field lines above the ground plane stay the same. The
> metal ground plane is a pool of electrons that adjust so that the voltage at
> the surface is zero i.e. tangent E = 0.
>
> Four radials form a counterpoise. The counterpoise has currents induced.
> These induced currents then re-radiate, altering the radiation pattern and
> inducing currents back in the vertical. The induced currents in vertical
> then affect antenna impedance.
>
> A counterpoise is a metal conductor that has currents induced in it by the
> radiating element. The currents re-radiate resulting in a field distribution
> where the countrpoise is a mirror image or opposite version of the radiating
> element.
>
> What surprises me is the claim that the ground plane can mirror a 3D image
> e.g. a stacked Yagi.
>
> What are your views on above?
>
> Why do some articles say that the ground plane needs to be connected to the
> outer braid of coax, while others says this is not necessary?

>
>

3934. Re: proper antenna installation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 09:48:02 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12o4rql5mo9o931@corp.supernews.com>
Source record: 48008

kevin.pavin@gmail.com wrote:
> Hi all,
>
> I have two omni dipoles @ 2.4Ghz, one positioned for vertical
> polarization and the other horizontal.

What's an omni dipole? How does it differ from an ordinary one?

> I have stiff coax feeding these
> two antennas. The horizontal antenna is above the vertical, and the
> coax feeding the horizontal runs pararellel with the vertical antenna
> around 2 wavelenghts (24cm) away. My question is will the signal on
> the coax leak onto the vertical antenna?

If you want to make your system sensitive only to one polarization at a time, the first thing you need to do is to prevent any signal from being on the coax in the first place. This can be done by running the coax symmetrically at right angles to the dipole (assuming it's something like a conventional dipole) to prevent current by induction, and adding a "current" or choke balun at the feedpoint to prevent current by conduction.

> I want the two to be as
> orthogonal as possible. I'm not really sure on the physics involved
> but is there a standard seperation that is required to minimize this
> effect or will they always be coupled if I run the lines in this
> manner? Thanks for any info,

You'll prevent coupling by taking the steps I mentioned, and keeping the lines at right angles to each other and keeping each symmetrically placed with respect to its dipole.

Roy Lewallen, W7EL

3935. Re: Space modulation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 09:57:45 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12o4scrrqvk4bac@corp.supernews.com>
Source record: 48009

Imagine that you have a highly directional transmitting antenna and you spin it at, say, 100 revolutions per second. What would a listener at a fixed location hear? He would hear a 100 Hz (but non-sinusoidal) amplitude modulated signal rather than a constant amplitude CW tone. The shape of the modulation envelope would be dictated by the shape of the antenna pattern. The spectral content, i.e., sidebands, of the received signal would be the same as if the wave had been amplitude modulated by conventional means to produce the same waveshape.

I think that's what they mean.

Roy Lewallen, W7EL

Jimmie D wrote:
> I was going through some FAA course material on Instument Landing Systems
> and the term SPACE MODULATION was mentioned several times. What the heck is
> this. From what I gather signals modulate each other out in space without
> benifit of any nonlinear device. I personally beleave this cannot happen but
> here is a reference to an FAA document.I assume they know what they are
> talking about.
>
> Abstract : The report describes an investigation into the cause of
> incompatibility between ground and airborne measurements of VOR space
> modulation when using the latest flight inspection receiver, FA-4165:3A. The
> effort included a survey of the existing procedures and equipment used
> throughout the FAA, an evaluation of the ground measurement technique, and
> an evaluation of the airborne measurement technique. The result of the
> investigation identified problem areas with both the ground and airborne
> techniques.
>
> I suspect that space modulation is more of a concept used to more easily
> understand/teach the operation of ILS systems and that actual modulation
> takes place in the receiver.
>
> Jimmie
>
>

3936. Re: Angle of radiation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 10:20:02 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <mTugh.1717$DJ4.378@bignews7.bellsouth.net>
Source record: 48010

"Roy Lewallen" <w7el@eznec.com> wrote in message
news:12o4r8d2ov3kibe@corp.supernews.com...
> Jimmie D wrote:
>
>> This afternoon while cleaning a closet I pulled out an old US map that
>> had been marked with contacts I made back when I worked 10M a lot. After
>> the local stations there is a big empty area on the map then I started
>> making contacts again at about 300 miles. Antenna used was a 1/4 lambda
>> groundplane with the radials drooping so to match 50 ohms. A chart I
>> found indicates that this means I have a vertical angle of radiation of
>> 50 to 60 degrees. Is this correct??.
> >. . .
>
> No, it's not. An antenna doesn't have a single angle of radiation, but
> radiates at all angles.
>
> Roy Lewallen, W7EL

Thanks Roy, I know but the chart I was using wasnt clear on what it was presenting. It is a photo copied page out of a book and hopefully there was more info that went with it than what I have. The chart does seem to be indicating that one should use the closest skip contacts to get an idea of the radiation angle. It was my doubts about this that inspired my question. Perhaps I am taking the chart out of context or maybe it is just wrong..

Jimmie

3937. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 11:59:50 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1166183990.030349.140230@80g2000cwy.googlegroups.com>
Source record: 48011

After the demise of the old Amateur Scientist column I let my
subscription to The Scientific American lapse and have seen no reason
to renew it, since...

Now, back OT... After getting home last night I was working on a
recalcitrant SG-500 amplifier that wanted to hang up in transmit when
keyed by the PTT, but would not hang up when auto sensing of RF drive
was used for keying... My son opened it up and we removed some logic
chips and using the erasor on a #2 yellow pencil, polished the pins...
Whilst he was finishing that I reconfigured the antenna switch box,
checked the SWR on the 160 meter array and then proceeded to help him
with the amp repair by pointing out that he now did not have a "power
on" light on the amp... While he was opening the amp up again <
patience I'll get to the point in a moment> I spun across the bottom of
160 and listened to a weak CW qso going on.. There was very low static
and it promised to be a good evening if we could get some QRO back on
line...
By now he had found the loose connector inside the amp and reseated
it... We put the amp back on its shelf and connected up... When he
pushed the final coax connector on, the meter on the transceiver went
nuts banging from pin to pin and the receiver was making deafening
popping noises...
"Hey dad, you broke the Orion.", he challenged - he was a bit miffed
over having missed replacing the connector on the amp...
"Mai non, my slow son.", I corrected...
I immediately shut off the power to the Orion and asked him if he had
reversed the power leads to the amp... He indignantly insisted he had
not... He fetched a VOM (which is what I wanted but was too lazy to
get for myself) and proved the polarity was correct... I took the VOM,
unscrewed the antenna coax and put the leads across the PL259...
There was 340,000 microvolts on the connector... His eyebrows went
way up...
"What the hey?", he said...
"It's blowing rain out there.", I said...
"No it's not... It's dead calm out there."
"Go look."
When he pulled open the side door to the shop he was greeted with a
face full of wind and ice cold rain...
OK, now to the point:
There was roughly 3 minutes from the time I was listening to the weak
cw qso to when we unscrewed the coax, and rehooked up to the amp... In
that ~3 minutes it went from essentially no static (well OK, S1-2
static on the meter, which on 160 meters is NO static at all) to just
this side of blowing out the front end of the receiver... There was no

rising static level to herald the approach of a front... It simply was low static until the moment the first gust of wind swept across our fields bringing the rain, and huge precip charges on the 130 foot high antennas...

denny / k8do

3938. Re: A request for guidance from academics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 13:12:06 UTC
From: Rick <ricknj10@hotmail.com>
Message-ID: <Baxgh.3$cr3.2@newsfe08.lga>
Source record: 48012

Do you guys know how to edit a message when you are replying to it so
a reader doesn't have to wade through 3 screens of previously posted
material
to find the section you added?
It really isn't rocket science.

3939. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 13:46:41 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <5Hxgh.25083$9v5.13742@newssvr29.news.prodigy.net>
Source record: 48013

Sal M. Onella wrote:
> There certainly is something termed galactic noise and most of
> it has apparently been ricocheting around the cosmos all this time. It was
> first discovered by Bell Labs scientists using a supercooled microwave
> amplifier whose noise was higher than expected. They covered the feedhorn
> and lo! ... The noise dropped!
>
> http://www.amsat.org/amsat/archive/amsat-bb/200112/msg00336.html retells
> part of the story.

Yes, that's what the TV documentary was all about.

> There's no way any of us will be affected by galactic background, however,

The same TV documentary said that 1/2 of one percent
of the noise on a blank TV screen is caused by background
radiation from the Big Bang. I was reporting what they
said, not what I had measured.
--
73, Cecil http://www.w5dxp.com

3940. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 13:57:11 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <XQxgh.25084$9v5.6360@newssvr29.news.prodigy.net>
Source record: 48014

Denny wrote:
> It simply was
> low static until the moment the first gust of wind swept across our
> fields bringing the rain, and huge precip charges on the 130 foot high
> antennas...

Sounds like you might believe that precipitation
static exists. :-)
--
73, Cecil http://www.w5dxp.com

3941. Re: Critical Frequency and MUF

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 14:08:09 UTC
From: "C. J. Clegg" <reply.in.group@nospam.no>
Message-ID: <pan.2006.12.15.14.08.08.716471@nospam.no>
Source record: 48015

On Fri, 15 Dec 2006 08:09:45 +0000, Owen Duffy wrote:

> You missed my point, it isn't so much as the exact location of the
> virtual midpoint, but is there an ionosound measureing that point, or
> is the map constructed by interpolating measurements from just a small
> number of ionsondes, and is the interpolation sound?

Oh, OK, I get it.

I have no idea. I use the map at http://solar.spacew.com/www/fof2.html
and I don't know how they get the information they use to build that map.

> Sporadic E does not depend on sunlight, it is one of the mysteries of
> Es.

Doesn't sporadic E normally affect the higher frequencies, 15 meters and
above, rather than the lower frequencies around 75 meters?

3942. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 15:51:21 UTC
From: Tom Donaly <dtdonaly@sbcglobal.net>
Message-ID: <Zvzgh.28685$qO4.4425@newssvr13.news.prodigy.net>
Source record: 48016

Cecil Moore wrote:
> Denny wrote:
>
>> It simply was
>> low static until the moment the first gust of wind swept across our
>> fields bringing the rain, and huge precip charges on the 130 foot high
>> antennas...
>
>
> Sounds like you might believe that precipitation
> static exists. :-)

Faith is a powerful force for self-delusion.
73,
Tom Donaly, KA6RUH

3943. RRAA connection to Agent through Earthlink

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 15:57:33 UTC
From: walt <walt@w2du.com>
Message-ID: <1166198253.214788.109790@n67g2000cwd.googlegroups.com>
Source record: 48017

For years I have used Agent for communicating with rec.radio.amateur.antenna. My cable connection is with Brighthouse, who connects with Earthlink for accessing the news groups.

However, on Dec 8 my connection stopped adding headers to Agent. The msg at the bottom left corner of the screen initially says 'connected', but then immediately says 'finished retrieving new headers', but no new headers appear.

I finally found this way to access rraa through a Google entry. Can anyone tell me what is wrong with the connection to Agent through Earthlink for the newsgroups?

Walt, W2DU

3944. Re: RRAA connection to Agent through Earthlink

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 16:37:55 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1166200675.350571.98330@l12g2000cwl.googlegroups.com>
Source record: 48018

So that's where you went... We were wondering...

denny / k8do
walt wrote:
> For years I have used Agent for communicating with
> rec.radio.amateur.antenna. My cable connection is with Brighthouse, who
> connects with Earthlink for accessing the news groups.
>
> However, on Dec 8 my connection stopped adding headers to Agent. The
> msg at the bottom left corner of the screen initially says 'connected',
> but then immediately says 'finished retrieving new headers', but no new
> headers appear.
>
> I finally found this way to access rraa through a Google entry. Can
> anyone tell me what is wrong with the connection to Agent through
> Earthlink for the newsgroups?
>
> Walt, W2DU

3945. Re: RRAA connection to Agent through Earthlink

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 16:41:39 UTC
From: Rick <ricknj10@hotmail.com>
Message-ID: <2fAgh.9$LY.3@newsfe12.lga>
Source record: 48019

>
> However, on Dec 8 my connection stopped adding headers to Agent. The
> msg at the bottom left corner of the screen initially says 'connected',
> but then immediately says 'finished retrieving new headers', but no new
> headers appear.
>

Hi Walt,
The problem occurred because you are on a new server, and it has numbered the articles in the newsgroup differently. Most likely your Agent software think you have read (for example) up through message number 20,000, but the new server calls that article number 200. So it thinks you have already seen message 200.

The solution is to unsubscribe to the antenna newsgroup and then resubscribe. Then you can retrieve all of the articles that your new server has.

Hope this helps. And congratulations on the QST article. Very interesting.

Rick K2XT

3946. Re: Critical Frequency and MUF

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 18:54:47 UTC
From: Owen Duffy <owen@no.where>
Message-ID: <oiq5o2l42hq4g65oo2oiq39ft2eqdcsbhs@4ax.com>
Source record: 48020

On Fri, 15 Dec 2006 09:08:09 -0500, "C. J. Clegg"
<reply.in.group@nospam.no> wrote:

>On Fri, 15 Dec 2006 08:09:45 +0000, Owen Duffy wrote:
>
>> You missed my point, it isn't so much as the exact location of the
>> virtual midpoint, but is there an ionosound measureing that point, or
>> is the map constructed by interpolating measurements from just a small
>> number of ionsondes, and is the interpolation sound?
>
>Oh, OK, I get it.
>
>I have no idea. I use the map at http://solar.spacew.com/www/fof2.html
>and I don't know how they get the information they use to build that map.
>
>> Sporadic E does not depend on sunlight, it is one of the mysteries of
>> Es.
>
>Doesn't sporadic E normally affect the higher frequencies, 15 meters and
>above, rather than the lower frequencies around 75 meters?

Here is an ionogram from the station in Canberra this morning about
1.5 hours before sunrise.

http://www.vk1od.net/lost/ionogram.gif

Note the E layer at 100km height, very well established. It is so
intense, that there are multiple E - earth - E - earth "reflections".
You can see the F layer above it, and f0F2 looks between 2 and 3MHz.

(I believe that the existence of such a strong E layer before sunrise,
and the height in the 90km to 100km range characterise sporadic E.)

Sometimes the E layer reflection is so intense, that there isn't a
hint of the F layer. I don't know how they assess f0F2 under those
conditions, but they still produce the statistics.

I think you may be reading more accuracy into the maps than is safe.

As for "normally affecting higher frequencies", here you can see the
ionsonde discovering the Es layer at up to about 10MHz. When you take
into account oblique paths of a couple of thousand km or more, the Es
here with critical frequency up to about 10MHz should reflect 50MHz
ok. Now exploitation of that depends on such a patch of Es in the
right place, angled the right way, between two stations attempting
communication. There have been some big openings on 6m here in the
last week or so, not huge, just the seasonal openings typical around

the solstices.

Owen
--

3947. Re: A request for guidance from academics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 21:35:57 UTC
From: Dave <noone@nowhere.com>
Message-ID: <q5udnT11BprUiB7YnZ2dnUVZ_segnZ2d@crocker.com>
Source record: 48021

sorry, it just doesn't work that way. gauss' law for electrostatics just
can't be extended to handle time varying fields, as soon as you do that its
not statics any more and you have to take into account currents and magnetic
fields which then give you the coupling to the other elements. that is what
eznec and the other antenna modellers make use of... so don't try to model
your antenna with any existing program, you have to come up with your own
model and calculation method to show what it does.

oh, and one important part of a patent is the claims section... what are
your claims for this new type of antenna??

"art" <aunwin@insightbb.com> wrote in message
news:1166148824.086666.260360@l12g2000cwl.googlegroups.com...
>
> Dave wrote:
>> electrostatics is a small subset of electromagnetics, and with good
>> cause.
>> its application is limited to static electric fields only. no current,
>> no
>> radiation, just static electric fields. so don't try to sell an antenna
>> based on electrostatics or you will be lumped in with the e/h guys.
> David it is not just limited to electrostatics. What Gauss wrote is
> accepted for what it is a mathematical deduction or law. That
> mathematical statement has universal use as with George Greens work who
> did not have one iota of engineering tuition. All I have added to
> gausses law is the dimension of time which I suspect that a
> mathematician can connect it to Amperes law or even Kirchoff As far as
> current is concerned a brief moment of time where a time varying field
> is applied to an element immediately the electric particles posses
> directive abilities where the vector value is zero. I may be wrong here
> but that is called a conservative field with a big but... the inside of
> the arbitary curve must be in a state of equilibrium where the sign on
> the particals must be alike and change in unison.
> This can be done by making the elerments resonant which mine are tho
> not of the same length. When the time varying field is applied to the
> cluster we break the equilibrium with an element that does not change
> in unison with the other elements thus weakening the arbitary border at
> that point./ When the energy of the internal field breaches the
> arbitary border it will do it in the vicinity of the added detuned
> element. It is only when the border is breached does one start
> generating the near field which is contrary to the yagi.
>
> Now with respect to coupling. in mathematics you try to remove some of
> the variables to make a solution easier, in this cas we removed the
> variable of coupling by using elements with the same "Q' I am not

> saying that I get radiation without current or coupling I am saying
> that I have reduced the design to just ohms law via mathematical
> aproaches, nothing more.
>>
>> coupling between elements of an antenna is a given, you can't have a
>> conductor in an electromagnetic field without it coupling somehow to the
>> field and re-radiating. to try to convince anyone otherwise is to ignore
>> 100+ years of electromagnetic research.
> I accept coupling but not generation of a radiating field at the same
> time. Gausses law revolves around a closed arbitary border where the
> radiating field does not generate until the border is breached. This is
> why a detuned element is added to the cluster to weaken the border.
>>
>> also, if you are basing this on new principles you can't expect eznec or
>> ao
>> or any of the existing finite element programs to do anything reasonable
>> for
>> it, they will all fall apart like the example you posted and give
>> unobtainable models because they use classical electromagnetics to do all
>> their calculations. No they are not new principles they have existed for
>> a long time
>
> Over the years mathematicians have connected many laws of different
> disciplines purly by mathematical terms, supposition or just going the
> extra mile with somebody elses work and George Green is a prime example
> of mathematical genious where his work was connected more than 100
> years later to complexc circuitry and other things.
>>
>> as far as patents... i don't trust them any further than i can throw
>> them,
>> you can patent anything unless it says 'free energy' or 'perpetual
>> motion'
>> in it. heck there are even patents for faster than light antennas. if
>> you
>> can't explain the principles well enough to pass a peer review for
>> something
>> like the ieee a&p proceedings the science isn't right.
>
> Exactly. So I am asking for input from those experienced in the state
> of the art or a different perspectivebut there doesn't appear to be any
> out there to add their penny worth. I really believe Dave that the idea
> of adding curl to a electriostatic charge is what you are resisting and
> some day you will have to look at that afresh or at least poke academic
> holes in the aproach I am taking or a different perspective for me to
> mull over, a mathematical aproach requires not amateurs but those
> experienced in the art such as yourself.
>
> At least you gave it a shot Dave for which I thank you.
>
> I can give you another arbitary array where the elements are not as

> close to each other if you wish or the same array where the elements
> are rotated into a star fashion for vertical
> radiation to remove this close coupling which seems to be alarming you.
> I only supplied such an arbitary placed array to catch the imagination
> of those who are really inquisitive, nothing more
> Will another person knoweledgable in the field join in with us other
> than an amateur who knoweledge only extends to the ARRL examinations,
> anyone ? Surely since this is an antenna group somebody must have
> studied these things in college even tho it may have been a long time
> ago.
>
> Regards
> Art
>
>>
>> "art" <aunwin@insightbb.com> wrote in message
>> news:1166141722.039274.76890@j72g2000cwa.googlegroups.com...
>> > David listen to me. Please. Gaussian law with respect to electrostatics
>> > is very well known
>> > And you surely are aware that electrostatics is a subset of
>> > electromagnetics.
>> > Now you, because of your education and professional experience know
>> > that the energy radiated can be calculated tho it is laborious to do. I
>> > have given you a Gaussian version where only V=IZ needs to be known
>> > where as other means require coupling factors plus other things.
>> > Gausses law is very simple, the energy provided by the addition of curl
>> > to the contained static electrical particles is equal to the radiation
>> > outside the arbitary border when you add " in a space of time" or
>> > something similar to Gausses law.
>> > Yes it is not in the books because it is new, thats right, new in my
>> > eyes because it provides an array without the addition of elements that
>> > are detuned as with the Yagi. With the Gaussian array you do not have
>> > to make compromises with respect to desirables as shown in Chaptor 2 in
>> > the Antenna handbook. The Gaussian array provides sync between all the
>> > curves over a bandwidth. Over time I have written this patent
>> > application many times because of derision from amateures. But, now I
>> > am appealing to the academics or qualified
>> > engineers. (I once was an engineer but time has messed the mind in some
>> > areas}to help me out so I can finalise things but above all I want
>> > academic facts and not drivel that I get from those who follow Richard.
>> > Is there any other academics out there that can help me out as well as
>> > clarifying what I say for better understanding. Anybody to join David ?
>> > Regards
>> > Art
>> >
>> >
>> >
>> >
>> >
>> > Dave wrote:

>> >> "art" <aunwin@insightbb.com> wrote in message
>> >> news:1166138525.108132.62430@l12g2000cwl.googlegroups.com...
>> >> >
>> >> > Dave wrote:
>> >> >> "art" <aunwin@insightbb.com> wrote in message
>> >> >> news:1166132782.230558.71350@l12g2000cwl.googlegroups.com...
>> >> >> >I recently gave a write up on Gaussian arrays
>> >> >> > As a sample which was not directed for any
>> >> >> > desirable I laid out the following
>> >> >> >
>> >> >> > All of the elements were placed above each other purely
>> >> >> > to make things easier to do plus it being an unusual
>> >> >> > arrangement probably never seen before.
>> >> >> >
>> >> >> > Coordinates (perfect ground) Inches
>> >> >> > X Y Z
>> >> >> >
>> >> >> > 0 209.46 927.1
>> >> >> > 0 198.25 973.97
>> >> >> > 0 172.78 822.86
>> >> >> > 0 219.83 964.4
>> >> >> > 0 185.53 922.4
>> >> >> >
>> >> >> > With 1" dia elements
>> >> >> > my results were
>> >> >> > Impedance 48.5 + j 0.1
>> >> >> > Horiz gain 8.12 dbi @ 12 deg
>> >> >> > Rc gain 5.11 dbic
>> >> >> >
>> >> >> > Since I am not sure of the capabilities of EZNEC
>> >> >> > or other programs
>> >> >> > I also supply the following
>> >> >> >
>> >> >> > All elements driven impedances are
>> >> >> > 6.58 + j56.9
>> >> >> > -5.28 - j 37.6
>> >> >> > -5.00 -125
>> >> >> > 9.35 + 58.5
>> >> >> > -16.2 - j205
>> >> >>
>> >> >> as i pointed out before, and this verifies, you have found one of
>> >> >> the
>> >> >> limitations of finite element methods for modeling antennas. very
>> >> >> close
>> >> >> spacings between long elements causes un-realizable results. the
>> >> >> extremely
>> >> >> low real components of the impedance and high reactive values are
>> >> >> symptoms
>> >> >> of this.
>> >> >>

>> >> >
>> >> >
>> >> > David this is just conjecture on your part. I respect your
>> >> > knoweledge
>> >> > but I am looking for academic proof. Your comments may well be valid
>> >> > in
>> >> > general terms but I have given
>> >> > a specific case plus some of my findings. Prove to me the error of
>> >> > my
>> >> > ways please
>> >> >
>> >> >> >
>> >> >> > Now I need the help from anybody with a engineering degree
>> >> >> > which wipes out Richard since his only intent is to ridicule,
>> >> >> > or deceive anyway, to confirm the following
>> >> >> >
>> >> >> > For a Gaussian field the energy radiated
>> >> >> > by the array as a whole (feed element 1)
>> >> >> > must equal the sum of the energy
>> >> >> > supplied from each individual element.
>> >> >>
>> >> >> this is true for any array. O.K. and I gave you all the impedances
>> >> >> that
>> >> >> you would need to prove or disprove what I have said. I would be
>> >> >> interested in what a academic would say
>> >> > regarding a proof measure based on the figures I've given which I
>> >> > believe is all that is needed
>> >> >>
>> >> >> >
>> >> >> > Questions.
>> >> >> > 1. Am I correct in saying this?
>> >> >> > 2. Does the above array rank in any way
>> >> >> > as a Gaussian array.?
>> >> >>
>> >> >> define 'gaussian array' as it applies to antennas that you are
>> >> >> describing.
>> >> >>
>> >> >> that type of array is not defined in my copies of Jackson's or
>> >> >> Ramo-Whinner-VanDuzer's books, nor does my IEEE antenna design
>> >> >> handbook
>> >> >> mention that term. there are references to 'gaussian beams' with
>> >> >> respect
>> >> >> to
>> >> >> the shape of the fields from feed horns for microwave dishes and
>> >> >> other
>> >> >> quasi-optical systems. Some searching of the web also seems to
>> >> >> refer
>> >> >> to
>> >> >> gaussian arrays, but those all seem to be related to current or
>> >> >> power

>> >> >> distribution on elements of an adaptive array.
>> >> >
>> >> > Yes, these deal with other works of Gauss as he was primarily a
>> >> > mathematicial and his work is all the vogue now in the
>> >> > communications
>> >> > world with respect to channels.
>> >> >
>> >> > No you will not find it in books possibly because of the popularity
>> >> > of
>> >> > the Yagi were all
>> >> > that is known about antennas was known. I am absolutely positive
>> >> > that
>> >> > in time this will be picked up and put in the books because I am
>> >> > making
>> >> > it known and I gave several paragraphs
>> >> > that showed the trail of deductions using the word of the masters
>> >> > and
>> >> > nobody found fault that they could justify academically. Richard is
>> >> > known to lead people astray and he is doing it again. He, Richard
>> >> > has
>> >> > no engineering degree, he may have one on geography since he was in
>> >> > the
>> >> > navy and if you know what hemesphere the Panama canal is, and you
>> >> > get
>> >> > two shots at it you can get a degree in the mail. When I gave you
>> >> > the
>> >> > impedances it is the root
>> >> > of determining the energy supplied by a radiating element where Z1
>> >> > Z2
>> >> > etc is all you need
>> >> > Again I agree that this is not stated in the books but surely you
>> >> > don't
>> >> > believe all is in the books at the present time ? Electricity is not
>> >> > immune to new discovery.
>> >> > I welcome your comments but really I am looking for academic proof
>> >> > where Richard has muddled things up so much I am beginning to
>> >> > question
>> >> > myself even tho no facts only words have been offered
>> >>
>> >> unfortunately it is not possible to prove a negative. and you have
>> >> not
>> >> proved your case. I have pointed out the well known failure of finite
>> >> element modeling that most of us with engineering degrees do
>> >> understand
>> >> and
>> >> avoid. you have simply been misled by software that you don't
>> >> understand
>> >> completely. And no, I don't think everything is in books already, but
>> >> I
>> >> don't believe that someone playing around with software they don't

>> >> understand is going to discover a new principle that hasn't been
>> >> studied
>> >> elsewhere. So, again I ask, please define 'Gaussian array', give web
>> >> references that explain it if you can't, surely something that is on
>> >> the
>> >> cutting edge of technology will have many web sites trying to promote
>> >> it,
>> >> or
>> >> sell antennas based on this design.
>> >
>

3948. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-15 23:38:00 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <elvbkq$b72$1@aioe.org>
Source record: 48022

Cecil Moore wrote:
> Denny wrote:
>> It simply was
>> low static until the moment the first gust of wind swept across our
>> fields bringing the rain, and huge precip charges on the 130 foot high
>> antennas...
>
> Sounds like you might believe that precipitation
> static exists. :-)

Cecil:

You might enjoy this article:

http://www.fiz.uni-lj.si/~gorazd/articles/dropcharge.pdf

Regards,
JS

3949. Re: RRAA connection to Agent through Earthlink

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 00:14:47 UTC
From: helmsman <helmsman@worldnet.att.net>
Message-ID: <rvd6o2lume3gv02u39i0i6g9k2eotfp9oq@4ax.com>
Source record: 48023

On 15 Dec 2006 07:57:33 -0800, "walt" <walt@w2du.com> wrote:

>For years I have used Agent for communicating with
>rec.radio.amateur.antenna. My cable connection is with Brighthouse, who
>connects with Earthlink for accessing the news groups.
>
>However, on Dec 8 my connection stopped adding headers to Agent. The
>msg at the bottom left corner of the screen initially says 'connected',
>but then immediately says 'finished retrieving new headers', but no new
>headers appear.
>
>I finally found this way to access rraa through a Google entry. Can
>anyone tell me what is wrong with the connection to Agent through
>Earthlink for the newsgroups?
>
>Walt, W2DU

The news server is busted and the idiots that work there can't fix it!
They haven't add a group in years and have forgotten how to fix it.
I dumped the bums and am now with Worldnet.att
==========
System Status - Details
Last Updated on: 12/13/2006 11:18:22

Customers utilizing Earthlink's DSL and Home phone service may
experience difficulties using Earthlink's News Groups. Our engineers
are aware of the issue and are working as quickly as possible to
resolve the issue.
==========
It went down the 8th and if you call for help they blame it on YOUR
machine. Fxxx them!

3950. Re: RRAA connection to Agent through Earthlink

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 00:17:58 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <elvdvo$eu4$1@aioe.org>
Source record: 48024

walt wrote:
> For years I have used Agent for communicating with
> rec.radio.amateur.antenna. My cable connection is with Brighthouse, who
> connects with Earthlink for accessing the news groups.
>
> However, on Dec 8 my connection stopped adding headers to Agent. The
> msg at the bottom left corner of the screen initially says 'connected',
> but then immediately says 'finished retrieving new headers', but no new
> headers appear.
>
> I finally found this way to access rraa through a Google entry. Can
> anyone tell me what is wrong with the connection to Agent through
> Earthlink for the newsgroups?
>
> Walt, W2DU
>

Walt:

Set up a news account with news.aioe.org as news server. This is a free
news server and is quite quick in posting/downloading posts.

Even if you fix your present problems, never hurts to have backup.

Regards,
JS

3951. Re: You people still haven't told me why you're against skilled operators.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 00:37:51 UTC
From: "X-rated Vermonter"
Message-ID: <7tf6o2d8e7359unqdk2g1mejbul00ppqvi@4ax.com>
Source record: 48025
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment

All you have established is that the amateur radio licensing
requirements should include a mental health test.

3952. Re: Critical Frequency and MUF

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 01:22:44 UTC
From: Jim - NN7K <NN7K@NOWAY.NET>
Message-ID: <ETHgh.25486$9v5.21475@newssvr29.news.prodigy.net>
Source record: 48026

Owen is correct- and anyone operateing 10& 6
meters will tell you the same thing! Have
been on 6 for around 45 years now, an can attest
that "E" openings can occur ANYTIME, day, or nite!
And, the "E" layer is ionized , to a degree, 24
hours per day (There are more than a few running
"Scatter", with power levels of 100-1KW makeing
contacts, when the band(s) are literally closed).
Es is the "bread and butter" of the VHF operator,
rangeing from 35-400 miles for super intense
openings, out to 1200, or so miles, when the band
is barely open. Figure stations (on scatter), from
Montana, New Mexico, Colorado, and Wyoming being
copied with NO major opening, into Reno, Nevada!
And, keep in mind, you also get Double hop, 2
adjacent (or more) layers , giveing you cross
country capabilities. One further thing: IF
you shea short E skip on a band (say 10 meters),
odds are great that 6 is open; Same for 6 meter
short skip, often means that 2 meters, or at least
F.M.Broadcasts (88-108 MHz) will be open!. F2
is associated with sunspots-Es seems to get worse
as sunspot activity increases!Might you find this
interesting? Jim NN7K

Owen Duffy wrote:

>> I don't really know much about sporadic E, have a vague idea what it is
>> and that's about all, but doesn't it assume that there is an E layer to
>> begin with? This was about 7:30 PM, sunset was around 4:45 PM, and the E
>> layer would have been pretty much gone along with the sun, wouldn't it?
>
> Sporadic E does not depend on sunlight, it is one of the mysteries of
> Es.
>
> Owen
> --

3953. Re: Critical Frequency and MUF

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 01:41:51 UTC
From: Jim - NN7K <NN7K@NOWAY.NET>
Message-ID: <z9lgh.25488$9v5.8318@newssvr29.news.prodigy.net>
Source record: 48027

Jim - NN7K wrote:
Couple errors (I ain't a professional typeist)!

> rangeing from 35-400 miles for super intense

Make that 350-400 miles!

One further thing: IF
> you shea short E skip on a band (say 10 meters),
> odds are great that 6 is open; Make that

"HEAR", not "shea"! Jim

3954. Re: You people still haven't told me why you're against skilled operators.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 02:55:32 UTC
From: "Liberals R. Intolerant" <liberalsrcrap@nospamgmail.com>
Message-ID: <45836022$0$7700$4c368faf@roadrunner.com>
Source record: 48028
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment

Skilled at what? I am skilled at PSK31, MFSK, SSTV, DigitalTV, Packet, APRS, RTTY, Throb, Olivia, Domino, and even CW. So if an operator is skilled in most modes, then they are a skilled operator. You don't have to be skilled in all modes to be a skilled operator.

Blow Code

Slow Code wrote:
> You're all jealous of me. Is that it?
>
> SC

3955. Go ahead and cry, we understand Slow Code :(

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 04:28:15 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <elvsl2bav1@aioe.org>
Source record: 48029

Apparently, this is real ...

http://hraunfoss.fcc.gov/edocs_public/attachmatch/DOC-269012A1.pdf

Regards,
JS

3956. A Moment To Appeciate a Good Thing.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 05:55:59 UTC
From: John Markham <undisclosed@cox.net>
Message-ID: <PTLgh.21062$Zb5.10106@newsfe13.phx>
Source record: 48030

I feel reborn. At long last I will be able to be a real ham. Thank you, FCC.

73 from KD6VKW, AKA Sal M. Onella

3957. Re: RRAA connection to Agent through Earthlink

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 06:08:11 UTC
From: AaronJ <noemail@noemail.com>
Message-ID: <tn27o297bodf719strkd051fpjuvlm3j1k@4ax.com>
Source record: 48031

helmsman <helmsman@worldnet.att.net> wrote:

>The news server is busted and the idiots that work there can't fix it!
>They haven't add a group in years and have forgotten how to fix it.
>I dumped the bums and am now with Worldnet.att
>==
>System Status - Details
>Last Updated on: 12/13/2006 11:18:22
>
>Customers utilizing Earthlink's DSL and Home phone service may
>experience difficulties using Earthlink's News Groups. Our engineers
>are aware of the issue and are working as quickly as possible to
>resolve the issue.
>==
>It went down the 8th and if you call for help they blame it on YOUR
>machine. Fxxx them!

The EL news server has been bad for months and was down most of the weekend. For months now the completion rate for large binary files has been under 10% and mostly unusable. Some years back I left MSN because they abandoned their news service and went to EL who now seems to be doing the same thing. My guess is that they really don't care because very few of their customers even know what Usenet is these days. I agree with helmsman, go for an outside service...

3958. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 06:09:03 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <34Mgh.21064$Zb5.1962@newsfe13.phx>
Source record: 48032

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:5Hxgh.25083$9v5.13742@newssvr29.news.prodigy.net...

> The same TV documentary said that 1/2 of one percent
> of the noise on a blank TV screen is caused by background
> radiation from the Big Bang.

I buy that. 3K out of approximately 300K on a linear scale is 1%. If it's 50/50 between Big Bang noise and "other," then 1/2 of one percent is spot on.

Thanks.

3959. Re: A moment of silence my friends for a silent key.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 08:31:34 UTC
From: Ron <anon@anon>
Message-ID: <ht0ea.irb.17.1@news.alt.net>
Source record: 48033
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy

"Vince Fiscus, KB7ADL" <radiation17@bresnan.net> wrote in message
news:gaadnUExUrY-6x7YnZ2dnUVZ_oWdnZ2d@bresnan.com...
> Ham radio died today.
>
> Sorry for all the brow beating, it won't be happening anymore.
>
> 73 de KB7ADL, AKA Slow Code

If this is not a forgery, and if you are indeed Slow Code, you will be
missed.
Carry on, buddy.

3960. Antenna LowDown's

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 08:34:14 UTC
From: "Fred Ferlly"
Message-ID: <bob7o2ta9uhccc1me1pu6putqa9fcrb6f7@4ax.com>
Source record: 48037

How about a Beverage antenna?
Simple and effective.
Just some insulators and LOTS of wire.

3961. Re: A different view of the code test option

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 08:38:24 UTC
From: "Fred Ferlly"
Message-ID: <lub7o2trc439755su96hpsq00rftg62gcg@4ax.com>
Source record: 48036

On Tue, 12 Dec 2006 00:40:16 GMT, Slow Code <my.mail@no.spam> wrote:

>"AndyS" <andysharpe@juno.com> wrote in
>news:1165851411.555463.246990@l12g2000cwl.googlegroups.com:
>
>>
>> Bill Turner wrote:
>>> Please folks, do not reply to these off topic posts.
>>>
>>> If these idiots never get any replies, they will eventually give up
>>> and go away.
>>>
>>> Thanks,
>>>
>>> Bill, W6WRT
>>
>> Andy writes:
>> I agree with Bill W6WRT.
>>
>> Since I have seen so many postings about this on this newsgroup, I
>> just ASSUMED that folks here wanted to talk about it.....
>
>
>Andy, Welcome to the group.
>
>A lot of people here want to talk about it and find your point of view on
>CW interesting reading. Just ignore Bill Turdner. Don't let his insults
>bother you, he likes to act like an asshole sometimes. If the ship he
>was on was sinking he wouldn't know about it until he was drowning. As
>far as your view that CW is just a hurdle to getting a license, I vote for
>keeping the hurdle. At least when they get licensed they have a skill
>then. To many of them just want to get a license and talk on a
>microphone. Any CB'er can to that.
>
>SC

And SC, you still the site's self-appointed, self righous,
nimcompoop too! Yup. . . You da'Man!

3962. Re: Critical Frequency and MUF

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 08:42:39 UTC
From: "C. J. Clegg" <reply.in.group@nospam.no>
Message-ID: <pan.2006.12.16.08.42.37.488316@nospam.no>
Source record: 48034

On Sat, 16 Dec 2006 01:22:44 +0000, Jim - NN7K wrote:

> Owen is correct- and anyone operateing 10& 6
> meters will tell you the same thing!

Good morning, Jim.

What I'm trying to figure out is the effect of sporadic E on the lower bands, e.g. 75 meters.

I was on a military net on a frequency somewhat above 4 MHz and was able to work a station 70 miles away, well after dark when the critical frequency was below 3 MHz. According to everything I know about critical frequencies and MUF (which isn't very much), my NVIS signal from my 17-foot-high dipole should have gone right off into space, and the 70-mile-away station shouldn't have heard a peep out of me (and vice versa).

I'm trying to figure out if the solar storms of the last few days might have something to do with why I was able to contact that station when every indication was I shouldn't have been able to. Sporadic E? I dunno, maybe, but it seems like quite a stretch...

3963. Re: Go ahead and cry, we understand Slow Code :(

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 08:53:42 UTC
From: "Fred Furlly"
Message-ID: <jjc7o2tsou1b1ng8klfccrmtammjhr8ie5@4ax.com>
Source record: 48035

On Fri, 15 Dec 2006 20:28:15 -0800, John Smith
<assemblywizard@gmail.com> wrote:

>Apparently, this is real ...
>
>http://hraunfoss.fcc.gov/edocs_public/attachmatch/DOC-269012A1.pdf
>
>Regards,
>JS

OhMyGosh! Me thinks this will just about be the end of ol' SC! This
will probably kill him dead straight away! Him and about every
General or higher class of log-beaters. . . =)

Actually, this is a radical approach to a troubling issue. Some
times, when pressed, the government just goes too far. This is one.
the "Key" should retain a special place. Again I say it should not be
allowed to "Rule All", but it should have its very own, very special
band width souly reserved to it.

3964. A bad day for Mr. SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 09:05:30 UTC
From: X-rated Vermonter <k1xvnospam@arrl.net>
Message-ID: <vjd7o2dqs0epsia1ocqg09m81j0kgmor9c@4ax.com>
Source record: 48038

I guess he will now leave amateur radio in protest.

We can only hope.

http://www.arrl.org/news/stories/2006/12/15/104/?nc=1

3965. Re: You people still haven't told me why you're against skilled operators.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 10:28:01 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <RSPgh.6084$Gr2.2099@newssvr21.news.prodigy.net>
Source record: 48039
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment

X-rated Vermonter wrote:
> All you have established is that the amateur radio licensing
> requirements should include a mental health test.

Requiring an IQ higher than a person's CW
speed would solve all the problems. :-)
--
73, Cecil http://www.w5dxp.com

3966. Re: FM Transmitter for CD Players?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 11:48:11 UTC
From: "W. Watson" <wolf_tracks@invalid.com>
Message-ID: <%1Rgh.13820$wc5.11120@newssvr25.news.prodigy.net>
Source record: 48040

W. Watson wrote:

> Alan WA4SCA wrote:
>
>> The CCrane version is a "full gallon" as far as the FCC is concerned.
>> I have one which covers my house, and 3 acre yard, with full quieting.
>> It is on the ground floor of a frame house, and sits on top of a metal
>> filing cabinet, and works equally well on top of the tuner/amp. I
>> have found that, as you would expect, the signal improves modestly as
>> you move to higher TX frequencies.
>>
>>
>> --
>> Alan
>> WA4SCA
>
> Part of my problem is that the radio in the bedroom, where I do most of
> my listening, is right near the noise source. I need the source on all
> night (CPAP unit). The best reception of my favorite station is 30'
> away, across the house, and I may not be able to find a better spot for
> the xmitter. Oh, well, I'll keep playing with this. Higher tonight. (My
> rcvr is it a Crane's getting repaired, and will be back this week I'm
> told. Until then I'm a bit limited, since it gets the favorite station.)
>
>
> Wayne T. Watson (Watson Adventures, Prop., Nevada City, CA)
> (121.015 Deg. W, 39.262 Deg. N) GMT-8 hr std. time)
> Obz Site: 39ï¿½ 15' 7" N, 121ï¿½ 2' 32" W, 2700 feet
Well, I did a fair amount of moving of receiver and xmitter around the
house, with modest success. My best spot is 35' away, and that's stretching
the limit of the xmitter. However, we now havd DSL after waiting 8 years.
Our den is much closer to the bedroom, and I can use RadioReplay to catch
the station. No interference at all, and I can sent it the short 20' to the
bedroom without much difficulty at all. I say much, because it seems like
the streaming audio runs amuck, and gets distorted somewhat like a too fast
or too slow conversation--alternating. However, most of the time all is
well. I can have the station going all day.

3967. Re: A request for guidance from academics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 12:41:24 UTC
From: Dave <noone@nowhere.com>
Message-ID: <W_ydnRe1bZf_dB7YnZ2dnUVZ_tKjnZ2d@crocker.com>
Source record: 48041

"art" <aunwin@insightbb.com> wrote in message
news:1166231112.092002.162490@73g2000cwn.googlegroups.com...
> David
> we totally disagree, you have a hang up on applying a time varying
> field to a electric charge. There is absolute no reason that you can
> take
> a stand on that.

of course i can, rf is a time varying phenomenon by definition. you can't communicate via static fields, by definition, so they are of no use in this discussion.

>You say that you worked in space communication well
> ask for a second opinion from one of your former associates or even
> ckeck with your Alma Mata before you dig a hole that is to deep to get
> out of.Remember that as we get older we all have senior moments and I
> may well be having more than you so hang in there!

no, i don't work in space communications other than occasionally listening to ariss.

>
> Regarding the need for a new program that just can't be true, NEC is
> based on known mathematical laws period. When programs first came out I
> struggled with that but I then realised that NEC is NOT based on
> empirical data so what you are saying is just not correct.
> I urge you to rethink that one out again.

of course it's true. nec and other existing antenna modelling software is all based on maxwell's equations so by definition it assumes time varying fields and coupling between all the elements of the antenna. if you are trying to do something and ignore that coupling then none of the existing programs will work for you.

>
> As far as a patent goes I am struggling with that because it must be a
> physical description
> so basically it would seem that I would have to run the gamut of
> different arrangements until one is found that has significant value
> and that will take an awefull long time. I may have to look at buying

patents don't have to have significant value, only a new idea, a description of how it may be implemented, and claims. exactly what are you claiming your new idea will do that is unique? you have given a couple examples now of stacking elements, but to what end? is that arrangement supposed to have gain in some direction? is it supposed to be more efficient than existing

antennas somehow? just what is it supposed to do that is worthy of a
patent?

> Metlab for comparison purposes or get somebody to do it. I think the
> main factor in all this is vector pre direction can be deturmined and
> that we can have two vectors in the forward direction which the Yagi
> does not do. But then you point to what is apparent to me is a real
> problem. If I could have the sample given solved by Metlab I am
> absolutely positive it will match up to the results that I gave earlier
> on this thread,, if it doesn't then I will have to think things out
> again. As far as your comments are concerned I am completely blown away
> by you declaring that a time varying field cannot be applied to an
> static electrical charge, blown away especially when you have stated
> that you have worked in space communications for years.
> But then again you are the only one who has the required qualifications
> to make comment.
> For some reason I thought that many of the group taught at coillege
> from their demenior
> but now I am not sure who is an engineer and who is none other than a
> Richard The idea that no one other than yourself was willing to walk
> the walk on an antenna subject on this RRAA is so surprising since it
> would appear they are not comfortable in the subject to stand up.

unfortunately for you, i am an engineer... and as such an interested in
practical applications. so far you have only done some handwaving and not
produced even a claim of what your method will do that is different than
randomly positioning pieces of wire.

> So David you get the honours as the only one willing to walk the walk
> when the chips were down which suggests others are lemmings, for that I
> really thank you.
> Another thought is I could consult Tom a proven expert on antennas and
> knowelegable with Metlab. He is curious about this sort of thing so it
> may well interest him. At the moment I am trying to sort out the
> element coordinates of a similar array that I sent you so I can then
> calculate using my concept to compare results since that author
> obviously knows his mathematics so If mine matches his then it is QED
> but I havent been able to resolve that
> yet.
> Best Regards
> Art Unwin KB9MZ.....XG
>
>
>
>
>
> Dave wrote:
>> sorry, it just doesn't work that way. gauss' law for electrostatics just
>> can't be extended to handle time varying fields, as soon as you do that
>> its
>> not statics any more and you have to take into account currents and

>> magnetic
>> fields which then give you the coupling to the other elements. that is
>> what
>> eznec and the other antenna modellers make use of... so don't try to
>> model
>> your antenna with any existing program, you have to come up with your own
>> model and calculation method to show what it does.
>>
>> oh, and one important part of a patent is the claims section... what are
>> your claims for this new type of antenna??
>>
>> "art" <aunwin@insightbb.com> wrote in message
>> news:1166148824.086666.260360@l12g2000cwl.googlegroups.com...
>> >
>> > Dave wrote:
>> >> electrostatics is a small subset of electromagnetics, and with good
>> >> cause.
>> >> its application is limited to static electric fields only. no
>> >> current,
>> >> no
>> >> radiation, just static electric fields. so don't try to sell an
>> >> antenna
>> >> based on electrostatics or you will be lumped in with the e/h guys.
>> > David it is not just limited to electrostatics. What Gauss wrote is
>> > accepted for what it is a mathematical deduction or law. That
>> > mathematical statement has universal use as with George Greens work who
>> > did not have one iota of engineering tuition. All I have added to
>> > gausses law is the dimension of time which I suspect that a
>> > mathematician can connect it to Amperes law or even Kirchoff As far as
>> > current is concerned a brief moment of time where a time varying field
>> > is applied to an element immediately the electric particles posses
>> > directive abilities where the vector value is zero. I may be wrong here
>> > but that is called a conservative field with a big but... the inside of
>> > the arbitary curve must be in a state of equilibrium where the sign on
>> > the particals must be alike and change in unison.
>> > This can be done by making the elerments resonant which mine are tho
>> > not of the same length. When the time varying field is applied to the
>> > cluster we break the equilibrium with an element that does not change
>> > in unison with the other elements thus weakening the arbitary border at
>> > that point./ When the energy of the internal field breaches the
>> > arbitary border it will do it in the vicinity of the added detuned
>> > element. It is only when the border is breached does one start
>> > generating the near field which is contrary to the yagi.
>> >
>> > Now with respect to coupling. in mathematics you try to remove some of
>> > the variables to make a solution easier, in this cas we removed the
>> > variable of coupling by using elements with the same "Q' I am not
>> > saying that I get radiation without current or coupling I am saying
>> > that I have reduced the design to just ohms law via mathematical
>> > aproaches, nothing more.

>> >>
>> >> coupling between elements of an antenna is a given, you can't have a
>> >> conductor in an electromagnetic field without it coupling somehow to
>> >> the
>> >> field and re-radiating. to try to convince anyone otherwise is to
>> >> ignore
>> >> 100+ years of electromagnetic research.
>> > I accept coupling but not generation of a radiating field at the same
>> > time. Gausses law revolves around a closed arbitary border where the
>> > radiating field does not generate until the border is breached. This is
>> > why a detuned element is added to the cluster to weaken the border.
>> >>
>> >> also, if you are basing this on new principles you can't expect eznec
>> >> or
>> >> ao
>> >> or any of the existing finite element programs to do anything
>> >> reasonable
>> >> for
>> >> it, they will all fall apart like the example you posted and give
>> >> unobtainable models because they use classical electromagnetics to do
>> >> all
>> >> their calculations. No they are not new principles they have existed
>> >> for
>> >> a long time
>> >
>> > Over the years mathematicians have connected many laws of different
>> > disciplines purly by mathematical terms, supposition or just going the
>> > extra mile with somebody elses work and George Green is a prime example
>> > of mathematical genious where his work was connected more than 100
>> > years later to complexc circuitry and other things.
>> >>
>> >> as far as patents... i don't trust them any further than i can throw
>> >> them,
>> >> you can patent anything unless it says 'free energy' or 'perpetual
>> >> motion'
>> >> in it. heck there are even patents for faster than light antennas.
>> >> if
>> >> you
>> >> can't explain the principles well enough to pass a peer review for
>> >> something
>> >> like the ieee a&p proceedings the science isn't right.
>> >
>> > Exactly. So I am asking for input from those experienced in the state
>> > of the art or a different perspectivebut there doesn't appear to be any
>> > out there to add their penny worth. I really believe Dave that the idea
>> > of adding curl to a electriostatic charge is what you are resisting and
>> > some day you will have to look at that afresh or at least poke academic
>> > holes in the aproach I am taking or a different perspective for me to
>> > mull over, a mathematical aproach requires not amateurs but those
>> > experienced in the art such as yourself.

>> >
>> > At least you gave it a shot Dave for which I thank you.
>> >
>> > I can give you another arbitary array where the elements are not as
>> > close to each other if you wish or the same array where the elements
>> > are rotated into a star fashion for vertical
>> > radiation to remove this close coupling which seems to be alarming you.
>> > I only supplied such an arbitary placed array to catch the imagination
>> > of those who are really inquisitive, nothing more
>> > Will another person knoweledgable in the field join in with us other
>> > than an amateur who knoweledge only extends to the ARRL examinations,
>> > anyone ? Surely since this is an antenna group somebody must have
>> > studied these things in college even tho it may have been a long time
>> > ago.
>> >
>> > Regards
>> > Art
>> >
>> >>
>> >> "art" <aunwin@insightbb.com> wrote in message
>> >> news:1166141722.039274.76890@j72g2000cwa.googlegroups.com...
>> >> > David listen to me. Please. Gaussian law with respect to
>> >> > electrostatics
>> >> > is very well known
>> >> > And you surely are aware that electrostatics is a subset of
>> >> > electromagnetics.
>> >> > Now you, because of your education and professional experience know
>> >> > that the energy radiated can be calculated tho it is laborious to
>> >> > do. I
>> >> > have given you a Gaussian version where only V=IZ needs to be known
>> >> > where as other means require coupling factors plus other things.
>> >> > Gausses law is very simple, the energy provided by the addition of
>> >> > curl
>> >> > to the contained static electrical particles is equal to the
>> >> > radiation
>> >> > outside the arbitary border when you add " in a space of time" or
>> >> > something similar to Gausses law.
>> >> > Yes it is not in the books because it is new, thats right, new in my
>> >> > eyes because it provides an array without the addition of elements
>> >> > that
>> >> > are detuned as with the Yagi. With the Gaussian array you do not
>> >> > have
>> >> > to make compromises with respect to desirables as shown in Chaptor 2
>> >> > in
>> >> > the Antenna handbook. The Gaussian array provides sync between all
>> >> > the
>> >> > curves over a bandwidth. Over time I have written this patent
>> >> > application many times because of derision from amateures. But, now
>> >> > I
>> >> > am appealing to the academics or qualified

>> >> > engineers. (I once was an engineer but time has messed the mind in
>> >> > some
>> >> > areas}to help me out so I can finalise things but above all I want
>> >> > academic facts and not drivel that I get from those who follow
>> >> > Richard.
>> >> > Is there any other academics out there that can help me out as well
>> >> > as
>> >> > clarifying what I say for better understanding. Anybody to join
>> >> > David ?
>> >> > Regards
>> >> > Art
>> >> >
>> >> >
>> >> >
>> >> >
>> >> >
>> >> > Dave wrote:
>> >> >> "art" <aunwin@insightbb.com> wrote in message
>> >> >> news:1166138525.108132.62430@l12g2000cwl.googlegroups.com...
>> >> >> >
>> >> >> > Dave wrote:
>> >> >> >> "art" <aunwin@insightbb.com> wrote in message
>> >> >> >> news:1166132782.230558.71350@l12g2000cwl.googlegroups.com...
>> >> >> >> >I recently gave a write up on Gaussian arrays
>> >> >> >> > As a sample which was not directed for any
>> >> >> >> > desirable I laid out the following
>> >> >> >> >
>> >> >> >> > All of the elements were placed above each other purely
>> >> >> >> > to make things easier to do plus it being an unusual
>> >> >> >> > arrangement probably never seen before.
>> >> >> >> >
>> >> >> >> > Coordinates (perfect ground) Inches
>> >> >> >> > X Y Z
>> >> >> >> >
>> >> >> >> > 0 209.46 927.1
>> >> >> >> > 0 198.25 973.97
>> >> >> >> > 0 172.78 822.86
>> >> >> >> > 0 219.83 964.4
>> >> >> >> > 0 185.53 922.4
>> >> >> >> >
>> >> >> >> > With 1" dia elements
>> >> >> >> > my results were
>> >> >> >> > Impedance 48.5 + j 0.1
>> >> >> >> > Horiz gain 8.12 dbi @ 12 deg
>> >> >> >> > Rc gain 5.11 dbic
>> >> >> >> >
>> >> >> >> > Since I am not sure of the capabilities of EZNEC
>> >> >> >> > or other programs
>> >> >> >> > I also supply the following
>> >> >> >> >

>> >> >> >> > All elements driven impedances are
>> >> >> >> > 6.58 + j56.9
>> >> >> >> > -5.28 - j 37.6
>> >> >> >> > -5.00 -125
>> >> >> >> > 9.35 + 58.5
>> >> >> >> > -16.2 - j205
>> >> >> >>
>> >> >> >> as i pointed out before, and this verifies, you have found one
>> >> >> >> of
>> >> >> >> the
>> >> >> >> limitations of finite element methods for modeling antennas.
>> >> >> >> very
>> >> >> >> close
>> >> >> >> spacings between long elements causes un-realizable results.
>> >> >> >> the
>> >> >> >> extremely
>> >> >> >> low real components of the impedance and high reactive values
>> >> >> >> are
>> >> >> >> symptoms
>> >> >> >> of this.
>> >> >> >>
>> >> >> >
>> >> >> >
>> >> >> > David this is just conjecture on your part. I respect your
>> >> >> > knoweledge
>> >> >> > but I am looking for academic proof. Your comments may well be
>> >> >> > valid
>> >> >> > in
>> >> >> > general terms but I have given
>> >> >> > a specific case plus some of my findings. Prove to me the error
>> >> >> > of
>> >> >> > my
>> >> >> > ways please
>> >> >> >
>> >> >> >> >
>> >> >> >> > Now I need the help from anybody with a engineering degree
>> >> >> >> > which wipes out Richard since his only intent is to ridicule,
>> >> >> >> > or deceive anyway, to confirm the following
>> >> >> >> >
>> >> >> >> > For a Gaussian field the energy radiated
>> >> >> >> > by the array as a whole (feed element 1)
>> >> >> >> > must equal the sum of the energy
>> >> >> >> > supplied from each individual element.
>> >> >> >>
>> >> >> >> this is true for any array. O.K. and I gave you all the
>> >> >> >> impedances
>> >> >> >> that
>> >> >> >> you would need to prove or disprove what I have said. I would be
>> >> >> >> interested in what a academic would say
>> >> >> > regarding a proof measure based on the figures I've given which I

>> >> >> > believe is all that is needed
>> >> >> >>
>> >> >> >> >
>> >> >> >> > Questions.
>> >> >> >> > 1. Am I correct in saying this?
>> >> >> >> > 2. Does the above array rank in any way
>> >> >> >> > as a Gaussian array.?
>> >> >> >>
>> >> >> >> define 'gaussian array' as it applies to antennas that you are
>> >> >> >> describing.
>> >> >> >>
>> >> >> >> that type of array is not defined in my copies of Jackson's or
>> >> >> >> Ramo-Whinner-VanDuzer's books, nor does my IEEE antenna design
>> >> >> >> handbook
>> >> >> >> mention that term. there are references to 'gaussian beams'
>> >> >> >> with
>> >> >> >> respect
>> >> >> >> to
>> >> >> >> the shape of the fields from feed horns for microwave dishes and
>> >> >> >> other
>> >> >> >> quasi-optical systems. Some searching of the web also seems to
>> >> >> >> refer
>> >> >> >> to
>> >> >> >> gaussian arrays, but those all seem to be related to current or
>> >> >> >> power
>> >> >> >> distribution on elements of an adaptive array.
>> >> >> >
>> >> >> > Yes, these deal with other works of Gauss as he was primarily a
>> >> >> > mathematicial and his work is all the vogue now in the
>> >> >> > communications
>> >> >> > world with respect to channels.
>> >> >> >
>> >> >> > No you will not find it in books possibly because of the
>> >> >> > popularity
>> >> >> > of
>> >> >> > the Yagi were all
>> >> >> > that is known about antennas was known. I am absolutely positive
>> >> >> > that
>> >> >> > in time this will be picked up and put in the books because I am
>> >> >> > making
>> >> >> > it known and I gave several paragraphs
>> >> >> > that showed the trail of deductions using the word of the masters
>> >> >> > and
>> >> >> > nobody found fault that they could justify academically. Richard
>> >> >> > is
>> >> >> > known to lead people astray and he is doing it again. He, Richard
>> >> >> > has
>> >> >> > no engineering degree, he may have one on geography since he was
>> >> >> > in
>> >> >> > the

>> >> >> > navy and if you know what hemesphere the Panama canal is, and you
>> >> >> > get
>> >> >> > two shots at it you can get a degree in the mail. When I gave you
>> >> >> > the
>> >> >> > impedances it is the root
>> >> >> > of determining the energy supplied by a radiating element where
>> >> >> > Z1
>> >> >> > Z2
>> >> >> > etc is all you need
>> >> >> > Again I agree that this is not stated in the books but surely you
>> >> >> > don't
>> >> >> > believe all is in the books at the present time ? Electricity is
>> >> >> > not
>> >> >> > immune to new discovery.
>> >> >> > I welcome your comments but really I am looking for academic
>> >> >> > proof
>> >> >> > where Richard has muddled things up so much I am beginning to
>> >> >> > question
>> >> >> > myself even tho no facts only words have been offered
>> >> >>
>> >> >> unfortunately it is not possible to prove a negative. and you have
>> >> >> not
>> >> >> proved your case. I have pointed out the well known failure of
>> >> >> finite
>> >> >> element modeling that most of us with engineering degrees do
>> >> >> understand
>> >> >> and
>> >> >> avoid. you have simply been misled by software that you don't
>> >> >> understand
>> >> >> completely. And no, I don't think everything is in books already,
>> >> >> but
>> >> >> I
>> >> >> don't believe that someone playing around with software they don't
>> >> >> understand is going to discover a new principle that hasn't been
>> >> >> studied
>> >> >> elsewhere. So, again I ask, please define 'Gaussian array', give
>> >> >> web
>> >> >> references that explain it if you can't, surely something that is
>> >> >> on
>> >> >> the
>> >> >> cutting edge of technology will have many web sites trying to
>> >> >> promote
>> >> >> it,
>> >> >> or
>> >> >> sell antennas based on this design.
>> >> >
>> >
>

3968. Re: Antenna LowDown's

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 12:43:12 UTC
From: Dave <noone@nowhere.com>
Message-ID: <L_2dnbuosK9UdB7YnZ2dnUVZ_vC3nZ2d@crocker.com>
Source record: 48042

how about them? they are good antennas.

<Fred Ferlly> wrote in message
news:bob7o2ta9uhccc1me1pu6putqa9fcrb6f7@4ax.com...
> How about a Beverage antenna?
> Simple and effective.
> Just some insulators and LOTS of wire.

3969. Re: A moment of silence my friends for a silent key.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 13:20:32 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1166275232.743156.142490@l12g2000cwl.googlegroups.com>
Source record: 48043
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy

Mr. SC... I agree with your premise that losing the code requirement
will operate to the detriment of ham radio in the long term...
I do not agree with your premise that continuous spamming of multiple
groups with garbage postings did anything except make you feel
important... Good riddance...

denny / k8do

3970. Re: You people still haven't told me why you're against skilled operators.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 13:38:44 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1166276324.003428.120870@79g2000cws.googlegroups.com>
Source record: 48044
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment

```
Cecil Moore wrote:
> X-rated Vermonter wrote:
> > All you have established is that the amateur radio licensing
> > requirements should include a mental health test.
>
> Requiring an IQ higher than a person's CW
> speed would solve all the problems. :-)
> --
> 73, Cecil http://www.w5dxp.com

Cecil, you're too funny! In my case that would only have to be six
(6)!!!
```

3971. Re: A Moment To Appeciate a Good Thing.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 14:25:41 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1166279141.868937.293070@80g2000cwy.googlegroups.com>
Source record: 48045

John Markham wrote:
> I feel reborn. At long last I will be able to be a real ham. Thank you,
> FCC.
>
> 73 from KD6VKW, AKA Sal M. Onella
Congrats John you join the club at a unique time where computors are
being used to further the hobby, new horizons that bring challenges
that us old guys never had to deal with. There is nothing like plunging
into unknown brush for miles and miles to come upon a scene that has
never been seen before. Those who take only an easy path will not get
all those scratches and bites that you got on your journey
but you will be the first to get to the top of the mountain before all
the followers and that is the joy of ham radio.
Welcome
Art

3972. Re: A request for guidance from academics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 14:26:39 UTC
From: Dave <noone@nowhere.com>
Message-ID: <CtSdndzKsMa2nxnYnZ2dnUVZ_qunnZ2d@crocker.com>
Source record: 48046

"art" <aunwin@insightbb.com> wrote in message
news:1166278584.345918.246100@16g2000cwy.googlegroups.com...
>
> Dave wrote:
>> "art" <aunwin@insightbb.com> wrote in message
>> news:1166231112.092002.162490@73g2000cwn.googlegroups.com...
>> > David
>> > we totally disagree, you have a hang up on applying a time varying
>> > field to a electric charge. There is absolute no reason that you can
>> > take
>> > a stand on that.
>>
>> of course i can, rf is a time varying phenomenon by definition. you
>> can't
>> communicate via static fields, by definition, so they are of no use in
>> this
>> discussion.
>
> David, it stops being a static field alone if a time varying fiels is
> applied
>>
>
>> >You say that you worked in space communication well
>> > ask for a second opinion from one of your former associates or even
>> > ckeck with your Alma Mata before you dig a hole that is to deep to get
>> > out of.Remember that as we get older we all have senior moments and I
>> > may well be having more than you so hang in there!
>>
>> no, i don't work in space communications other than occasionally
>> listening
>> to ariss.
>>
>> >
>> > Regarding the need for a new program that just can't be true, NEC is
>> > based on known mathematical laws period. When programs first came out I
>> > struggled with that but I then realised that NEC is NOT based on
>> > empirical data so what you are saying is just not correct.
>> > I urge you to rethink that one out again.
>
>
>>
>> of course it's true. nec and other existing antenna modelling software
>> is
>> all based on maxwell's equations so by definition it assumes time varying

>> fields and coupling between all the elements of the antenna. if you are
>> trying to do something and ignore that coupling then none of the existing
>> programs will work for you.
>
> David,
> I never said there is no coupling, in mathematics there are ways of
> removing avariable by the use of simultaneous equations. If you can't
> get around it then ofcourse you have to go the labourious route for
> full determination and that is compicated Going the Gaussian rout
> removes all that laborious mathematical work. Look at any mathematical
> sample of such an array and it all comes down to ZI of the elements
> involved, nothing more is needed
> and coupling is part of the journey but not of the solution and the
> solution by my method goes straight to the the solution by using the
> same laws that have been in existant for years.

then you have nothing new and you should be made aware of the limitations of the software you are using so that you don't get misled any further. unfortunately i don't believe that you have really found anything new, you are probably just ignoring important parts of the solution because you think you can incorrectly apply a static case simplification to a time varying one... sorry, that doesn't work. you may find some examples in certain cases where it looks like it works, but in general it won't.

3973. Re: Critical Frequency and MUF

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 15:09:15 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <y_Tgh.12$sC4.8@newsfe12.lga>
Source record: 48047

People are staring to take the computer predictions, simulations and
forecasting too seriously. Atmosphere and ionosphere are very complicated
and are run by Sun and not some wiz programs.
Before the computer models, we used to OBSERVE and LEARN about propagation
from our activities on the bands. Changes with sunspot cycles, time of year,
day etc.
So forget the computer prescriptions and observe and make notes what is
happening when Sub is doing what. One general observation I have found that
with low sunspots in a cycle atmosphere shrinks, angles get lower and
antennas with low angle lobes work better. At High sunspot, atmosphere gets
higher and angles get higher and higher frequencies come to live.
The best, unpredictable and unbehaved band is 160 m, you never know what
happens, just need to be around when IT happens.
Check out http://members.aol.com/ve3bmv/bmvpropagation.htm
on my observations and notes on ducting and refraction.

73 Yuri, K3BU
"C. J. Clegg" <reply.in.group@nospam.no> wrote in message
news:pan.2006.12.16.08.42.37.488316@nospam.no...
> On Sat, 16 Dec 2006 01:22:44 +0000, Jim - NN7K wrote:
>
>> Owen is correct- and anyone operateing 10& 6
>> meters will tell you the same thing!
>
> Good morning, Jim.
>
> What I'm trying to figure out is the effect of sporadic E on the lower
> bands, e.g. 75 meters.
>
> I was on a military net on a frequency somewhat above 4 MHz and was able
> to work a station 70 miles away, well after dark when the critical
> frequency was below 3 MHz. According to everything I know about critical
> frequencies and MUF (which isn't very much), my NVIS signal from my
> 17-foot-high dipole should have gone right off into space, and the
> 70-mile-away station shouldn't have heard a peep out of me (and vice
> versa).
>
> I'm trying to figure out if the solar storms of the last few days might
> have something to do with why I was able to contact that station when
> every indication was I shouldn't have been able to. Sporadic E? I dunno,
> maybe, but it seems like quite a stretch...
>
>

3974. Re: Critical Frequency and MUF

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 15:18:38 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <l7Ugh.13$sC4.10@newsfe12.lga>
Source record: 48048

That supposed to be ...starting.... and Sun.... not Sub :-)

Even spellchecker can fail :-)

73 Yuri

3975. Re: You people still haven't told me why you're against skilled operators.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 15:50:34 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <eBUgh.13839$wc5.4442@newssvr25.news.prodigy.net>
Source record: 48049
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

hot-ham-and-cheese@hotmail.com wrote:
> Cecil Moore wrote:
>> Requiring an IQ higher than a person's CW
>> speed would solve all the problems. :-)
>
> Cecil, you're too funny! In my case that would only have to be six
> (6)!!!

Actually, any of the possible values greater than 5. :-)
--
73, Cecil http://www.w5dxp.com

3976. Re: Critical Frequency and MUF

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 15:58:08 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <kIUgh.13840$wc5.1008@newssvr25.news.prodigy.net>
Source record: 48050

Yuri Blanarovich wrote:
> Even spellchecker can fail :-)

My spellchecker says that "spellchecker" is
misspelled. :-)
--
73, Cecil http://www.w5dxp.com

3977. Re: Antenex 900mhz base/repeater antenna NIB

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 16:38:19 UTC
From: Bob <warthog9@pacbell.net>
Message-ID: <%hVgh.10055$hI.5850@newssvr11.news.prodigy.net>
Source record: 48051
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna,rec.radio.swap

Boy, Porgy is a real A-HOLE today. The original poster used "FS" in his
header, which is proper protocol and it is certainly antenna and ham
radio related. What's you problem pal, did you sit on an antenna the
wrong way this morning?
Bob

Porgy Tirebiter wrote:
> "Thanks......." <pottsladd13@yahoo.com> wrote in message
> news:OUpeh.65$Et5.30@trndny07...
>> Well I appreciate your "expert" opinions.
>> So next time I see you post an item I'll be sure to give my opinions of
>> your gear in return.
>>
> So maybe next time you don't post your GOD DAMN AD in a newsgroup?
> Pretty stupid thing to do, people don't want to read your for sales ads
> anyways.
>
> And he is right...ANTENEX is complete garbage! Overpriced poorly performing
> junk for Governments that don't know any better.They will buy ANYTHING
> for crazy prices.
>
>
>

3978. Re: A moment of silence my friends for a silent key.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 17:03:49 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1166288629.682362.273790@j72g2000cwa.googlegroups.com>
Source record: 48052
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy

Vince Fiscus, KB7ADL wrote:
> Ham radio died today.
>
> Sorry for all the brow beating, it won't be happening anymore.
>
> 73 de KB7ADL, AKA Slow Code

Awww, c'mon Slow!

To use the vernacular of the left, "It was the Exam, stupid." The mode hasn't changed... hell, it hasn't changed since the 1840's! What needs to change is your attitude about how to entice folks into the Morse Code fold. Since the government stick is gone, you'll have to sell Morse Code on its merits. And here's one last hint, you'll attract more folks if you use sugar. Good Luck.

3979. A request for guidance from chefs

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 17:23:02 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <jb98o2pbvqjutfb149l1iecltdiooea8ih@4ax.com>
Source record: 48053

I am presenting a write up on Escoffier arrays
As a recipe which was not directed for any
desirable I laid out the following

All of the elements were mixed in a bowl purely
to make things easier to do plus it being an unusual
arrangement probably never seen before.

Coordinates (perfect ground) Inches
X Y Z

0 209.46 927.1
0 198.25 973.97
0 172.78 822.86
0 219.83 964.4
0 185.53 922.4

With 1" dia elements
my results were
Impedance 48.5 + j 0.1

All elements driven impedances are
6.58 + j56.9
-5.28 - j 37.6
-5.00 -125
9.35 + 58.5
-16.2 - j205

Now, the first request is how did my results find an impedance of
nearly 50 Ohms non-reactive, when every element of my recipe shows
almost 1/5th that value and reactive?

Answer: Voltaics!

Voltas experiments were so long ago that computor wizzords have
forgottne them and they dont now them and dont remember them. But
Votla was a generous compare dto these tyepshe new that when you add
lemon to silver or coper or wrap aluniminium foil around a lemon you
get volts! and voltas is what makes things happen when you squirt the
lemon or lime juise on the elements. this is aslo the reason why we
say put the hjuice to it when we meen add more power!

justhink ofit juice and Volta and voltaix and lemons and uluminium
foil and add salt! Salt is a conductor, because when you add it to
water it becomes the sea and the ocean is the best propagator we now
of.

3980. Re: A request for guidance from chefs

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 17:31:26 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <em1ahh$i4p$1@aioe.org>
Source record: 48054

Richard Clark wrote:
> ...
> foil and add salt! Salt is a conductor, because when you add it to
> water it becomes the sea and the ocean is the best propagator we now
> of.

http://www.qsl.net/vk5br/UwaterComms.htm

Regards,
JS

3981. Re: Antenex 900mhz base/repeater antenna NIB

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 17:35:07 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <f7Wgh.3992$yC5.386@newssvr27.news.prodigy.net>
Source record: 48055
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna,rec.radio.swap

Bob wrote:
> Boy, Porgy is a real A-HOLE today. The original poster used "FS" in his
> header, which is proper protocol and it is certainly antenna and ham
> radio related. What's you problem pal, did you sit on an antenna the
> wrong way this morning?

The problem is that an "FS" posting in r.r.a.a
violates the netnews guidelines at:

http://www.faqs.org/faqs/radio/personal-intro/

The only appropriate newsgroup for "FS" postings,
according to the guidelines, is:

rec.radio.swap

For sale postings are considered spam by a lot
of the readers of this newsgroup.
--
73, Cecil http://www.w5dxp.com

3982. Re: You people still haven't told me why you're against skilled operators.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 17:43:39 UTC
From: Mark@kb9rqz.aprs
Message-ID: <p1c8o21o4jkna1886liu293eadp9i9g593@4ax.com>
Source record: 48056
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment

On Sat, 16 Dec 2006 10:28:01 GMT, Cecil Moore <mycall@hotmail.com>
wrote:

>X-rated Vermonter wrote:
>> All you have established is that the amateur radio licensing
>> requirements should include a mental health test.
>
>Requiring an IQ higher than a person's CW
>speed would solve all the problems. :-)

well gee cicl that would REALY easy to make in some cases
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3983. Re: You people still haven't told me why you're against skilled operators.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 17:44:16 UTC
From: Mark@kb9rqz.aprs
Message-ID: <j2c8o29524kr6bi3cen5lhnt81r5r0fepe@4ax.com>
Source record: 48057
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

On 16 Dec 2006 05:38:44 -0800, hot-ham-and-cheese@hotmail.com wrote:

>
>Cecil Moore wrote:
>> X-rated Vermonter wrote:
>> > All you have established is that the amateur radio licensing
>> > requirements should include a mental health test.
>>
>> Requiring an IQ higher than a person's CW
>> speed would solve all the problems. :-)
>> --
>> 73, Cecil http://www.w5dxp.com
>
>Cecil, you're too funny! In my case that would only have to be six
>(6)!!!
in minethe IQ Could hover round zero and still make it
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3984. cut out the Bullshit or turn in your license and imporve the service SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 17:54:22 UTC
From: Mark@kb9rqz.aprs
Message-ID: <mjc8o21aejleg93ihviietqngd6jqa6003@4ax.com>
Source record: 48058
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy

On Fri, 15 Dec 2006 22:31:31 -0600, "Vince Fiscus, KB7ADL"
<radiation17@bresnan.net> wrote:

>Ham radio died today.
>
>Sorry for all the brow beating, it won't be happening anymore.
>
>73 de KB7ADL, AKA Slow Code

bullshit
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3985. OK. It's DONE. Pack up your things and go home.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 18:08:06 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1166292485.966082.23590@n67g2000cwd.googlegroups.com>
Source record: 48059

The FCC has decided. Let's talk about ANTENNAS and ANTENNA THEORY now.
Now that the decision is final, can we please stop crossposting into
this group?

There are going to be a lot of hams that need advice on HF antennas now
that all Technician operators will have automatic general-level CW
privileges on 80m, 40m, 15m, and 10m. Can we clear out the group so
that they actually think that maybe they can get antenna advice here?

Every ham needs an antenna. I think we can all agree on that.

Welcome to HF everyone!

Dan
www.n3ox.net

3986. Re: OK. It's DONE. Pack up your things and go home.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 18:40:39 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <em1eja$i4p$3@aioe.org>
Source record: 48060

n3ox.dan@gmail.com wrote:
> ...
> There are going to be a lot of hams that need advice on HF antennas now
> that all Technician operators will have automatic general-level CW
> privileges on 80m, 40m, 15m, and 10m. Can we clear out the group so
> that they actually think that maybe they can get antenna advice here?
> ...
> Dan
> www.n3ox.net
>

My gawd! Someone with a positive attitude?

They were right, already the bands are going down the tubes! <grin>

Warmest regards,
JS

3987. Re: cut out the Bullshit or turn in your license and imporve the service SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 20:23:48 UTC
From: Christopher Cox <chrisTOPHERcOX@coboxincORORATED.com>
Message-ID: <458455D4.6070709@coboxincORORATED.com>
Source record: 48061
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy

Mark@kb9rqz.aprs wrote:
> On Fri, 15 Dec 2006 22:31:31 -0600, "Vince Fiscus, KB7ADL"
> <radiation17@bresnan.net> wrote:
>
>
>>Ham radio died today.
>>
>>Sorry for all the brow beating, it won't be happening anymore.
>>
>>73 de KB7ADL, AKA Slow Code
>
>
> bullshit
> http://kb9rqz.blogspot.com/
>

I am actually surprised to find out it was/is Vince. He's an O.K. guy, puts in volunteer time and is very knowledgeable. While I firmly believe this alter personality detracted from Amateur radio (Slow Code), Vince has done other things to advance it.

Although I know Vince is very pro Morse code, I am having trouble believing it was him (being Mr. Slow Code)

If it was/is him, turning in his license would only be a detriment to the community IMHO.

Chris KC8FRJ

3988. Re: A request for guidance from academics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 20:38:01 UTC
From: Dave <noone@nowhere.com>
Message-ID: <EuWdnQYBBcCrxBnYnZ2dnUVZ_sudnZ2d@crocker.com>
Source record: 48062

yep, thats it. a time varying field makes charges move, so they are no
longer static... that is how coupling works and its a fact of life. maybe
you should try sci.physics.electromag or alt.sci.physics.new-theories, they
are more open to theoretical questions.

"art" <aunwin@insightbb.com> wrote in message
news:1166294643.740691.244510@n67g2000cwd.googlegroups.com...
> So David we come to the end of the debate where you and probably others
> who are members of this newsgroup state you can't impose a time varying
> field on a array of static charges which is contrary to what I say.
> Thus a standard of education has been set for the many engineers in
> this group and where I am just a group of one.
> So be it
> Regards
> Art
>
>
>
> Dave wrote:
>> "art" <aunwin@insightbb.com> wrote in message
>> news:1166278584.345918.246100@16g2000cwy.googlegroups.com...
>> >
>> > Dave wrote:
>> >> "art" <aunwin@insightbb.com> wrote in message
>> >> news:1166231112.092002.162490@73g2000cwn.googlegroups.com...
>> >> > David
>> >> > we totally disagree, you have a hang up on applying a time varying
>> >> > field to a electric charge. There is absolute no reason that you
>> >> > can
>> >> > take
>> >> > a stand on that.
>> >>
>> >> of course i can, rf is a time varying phenomenon by definition. you
>> >> can't
>> >> communicate via static fields, by definition, so they are of no use in
>> >> this
>> >> discussion.
>> >
>> > David, it stops being a static field alone if a time varying fiels is
>> > applied
>> >>
>> >
>> >> >You say that you worked in space communication well
>> >> > ask for a second opinion from one of your former associates or even

>> >> > ckeck with your Alma Mata before you dig a hole that is to deep to
>> >> > get
>> >> > out of.Remember that as we get older we all have senior moments and
>> >> > I
>> >> > may well be having more than you so hang in there!
>> >>
>> >> no, i don't work in space communications other than occasionally
>> >> listening
>> >> to ariss.
>> >>
>> >> >
>> >> > Regarding the need for a new program that just can't be true, NEC is
>> >> > based on known mathematical laws period. When programs first came
>> >> > out I
>> >> > struggled with that but I then realised that NEC is NOT based on
>> >> > empirical data so what you are saying is just not correct.
>> >> > I urge you to rethink that one out again.
>> >
>> >
>> >>
>> >> of course it's true. nec and other existing antenna modelling
>> >> software
>> >> is
>> >> all based on maxwell's equations so by definition it assumes time
>> >> varying
>> >> fields and coupling between all the elements of the antenna. if you
>> >> are
>> >> trying to do something and ignore that coupling then none of the
>> >> existing
>> >> programs will work for you.
>> >
>> > David,
>> > I never said there is no coupling, in mathematics there are ways of
>> > removing avariable by the use of simultaneous equations. If you can't
>> > get around it then ofcourse you have to go the labourious route for
>> > full determination and that is compicated Going the Gaussian rout
>> > removes all that laborious mathematical work. Look at any mathematical
>> > sample of such an array and it all comes down to ZI of the elements
>> > involved, nothing more is needed
>> > and coupling is part of the journey but not of the solution and the
>> > solution by my method goes straight to the the solution by using the
>> > same laws that have been in existant for years.
>>
>> then you have nothing new and you should be made aware of the limitations
>> of
>> the software you are using so that you don't get misled any further.
>> unfortunately i don't believe that you have really found anything new,
>> you
>> are probably just ignoring important parts of the solution because you
>> think

>> you can incorrectly apply a static case simplification to a time varying
>> one... sorry, that doesn't work. you may find some examples in certain
>> cases where it looks like it works, but in general it won't.
>

3989. Re: A request for guidance from academics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 21:05:26 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <v9n8o25lb9uhsm6phlp0e7c9o0raunl46r@4ax.com>
Source record: 48063

On 16 Dec 2006 10:44:03 -0800, "art" <aunwin@insightbb.com> wrote:

>members of this newsgroup state you can't impose a time varying
>field on a array of static charges

Hi Art,

In point of fact you are the only member of this group to have made that statement. What is being discussed is your inability to come to terms with the simple matter that time varying fields come from dynamic charges which are imposing a force on all charges to react to their change - hence there is nothing static in a field and all charges are coupled. The only thing to measure is the degree of coupling which leads to Q (by a tortuous path of math).

>which is contrary to what I say.

What you say and what you mean is separated by at least one abyss - Gauss did NOT mean static was the noise he heard on his radio while trying to listen to the traffic report.

73's
Richard Clark, KB7QHC

p.s. How do you get 50 Ohms out of 5 wires?
p.p.s. How do you measure Z in a static field?

3990. Re: A request for guidance from chefs

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 21:25:32 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <em1o8d$m13$1@aioe.org>
Source record: 48064

Brilliant Watson, brilliant!
I pity the fools that were so rong about the antennas and confused the hole scientwific komiunity. Infinite bandwidth, 50 ochms accross, pencil sharp pattern - and we used them mediocre Yagis all this tyme.

p.s. where do you get the antenna mixing bowl?

pspsps It is all now immeterial, you don't kneed to now CW and you don need antennas, it is al replacid by INterNET.

Can I buy me a Extra hunting licens?

bada BUm BUm

"Richard Clark" <kb7qhc@comcast.net> wrote in message
news:jb98o2pbvqjutfb149l1iecltdiooea8ih@4ax.com...
>I am presenting a write up on Escoffier arrays
> As a recipe which was not directed for any
> desirable I laid out the following
>
> All of the elements were mixed in a bowl purely
> to make things easier to do plus it being an unusual
> arrangement probably never seen before.
>
> Coordinates (perfect ground) Inches
> X Y Z
>
> 0 209.46 927.1
> 0 198.25 973.97
> 0 172.78 822.86
> 0 219.83 964.4
> 0 185.53 922.4
>
> With 1" dia elements
> my results were
> Impedance 48.5 + j 0.1
>
> All elements driven impedances are
> 6.58 + j56.9
> -5.28 - j 37.6
> -5.00 -125
> 9.35 + 58.5
> -16.2 - j205
>
> Now, the first request is how did my results find an impedance of
> nearly 50 Ohms non-reactive, when every element of my recipe shows

> almost 1/5th that value and reactive?
>
> Answer: Voltaics!
>
> Voltas experiments were so long ago that computor wizzords have
> forgottne them and they dont now them and dont remember them. But
> Votla was a generous compare dto these tyepshe new that when you add
> lemon to silver or coper or wrap aluniminium foil around a lemon you
> get volts! and voltas is what makes things happen when you squirt the
> lemon or lime juise on the elements. this is aslo the reason why we
> say put the hjuice to it when we meen add more power!
>
> justhink ofit juice and Volta and voltaix and lemons and uluminium
> foil and add salt! Salt is a conductor, because when you add it to
> water it becomes the sea and the ocean is the best propagator we now
> of.

3991. Floating antennas Was: A request for guidance from chefs

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 21:31:32 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <em1ojmmrk1@aioe.org>
Source record: 48065

Thanks for the link John,

I have been muttering how to use the ocean surface or how to couple to it as an antenna or how to use reduced size, floating on the surface RX antenna for low bands. Jasik makes mention of the phenomena, but I have not seen much on the subject.

Yuri, K3BU

>
> http://www.qsl.net/vk5br/UwaterComms.htm
>
> Regards,
> JS

3992. Re: cut out the Bullshit or turn in your license and imporve the service SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 21:44:51 UTC
From: Mark@kb9rqz.aprs
Message-ID: <h4q8o21qaksmrnjfl979ftpvhkdr08tmr9@4ax.com>
Source record: 48066
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy

On Sat, 16 Dec 2006 15:23:48 -0500, Christopher Cox
<chrisTOPHERcOX@coboxincORORATED.com> wrote:

>Mark@kb9rqz.aprs wrote:
>> On Fri, 15 Dec 2006 22:31:31 -0600, "Vince Fiscus, KB7ADL"
>> <radiation17@bresnan.net> wrote:
>>
>>
>>>Ham radio died today.
>>>
>>>Sorry for all the brow beating, it won't be happening anymore.
>>>
>>>73 de KB7ADL, AKA Slow Code
>>
>>
>> bullshit
>> http://kb9rqz.blogspot.com/
>>
>
>I am actually surprised to find out it was/is Vince. He's an O.K. guy,
>puts in volunteer time and is very knowledgeable. While I firmly believe
>this alter personality detracted from Amateur radio (Slow Code), Vince
>has done other things to advance it.

one can only judge by ones experences as far as I am concerned he is
slime
>
>Although I know Vince is very pro Morse code, I am having trouble
>believing it was him (being Mr. Slow Code)
>
>If it was/is him, turning in his license would only be a detriment to
>the community IMHO.

we can do without any ham that behaves as Slow does and without any
ham that would claim to be slow code wether he is or not
>
>Chris KC8FRJ
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3993. Re: Floating antennas Was: A request for guidance from chefs

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 22:19:55 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <em1ree$2bv$1@aioe.org>
Source record: 48067

Yuri Blanarovich wrote:
> Thanks for the link John,
>
> I have been muttering how to use the ocean surface or how to couple to it as
> an antenna or how to use reduced size, floating on the surface RX antenna
> for low bands. Jasik makes mention of the phenomena, but I have not seen
> much on the subject.
>
> Yuri, K3BU
>
>> http://www.qsl.net/vk5br/UwaterComms.htm
>>
>> Regards,
>> JS
>
>

I think the military sucks up all patents on new developments in that
area. Nuke subs make good use of such freqs and equipment ... come up
with something worthwhile and uncle sam will beat a path to your door.

Regards,
JS

3994. Who are you?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 22:22:16 UTC
From: Christopher Cox <chrisTOPHERcOX@coboxincORORATED.com>
Message-ID: <45847198.90807@coboxincORORATED.com>
Source record: 48068
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy

```
Mark@kb9rqz.aprs wrote:
> On Sat, 16 Dec 2006 15:23:48 -0500, Christopher Cox
> <chrisTOPHERcOX@coboxincORORATED.com> wrote:
>
>
>>Mark@kb9rqz.aprs wrote:
>>
>>>On Fri, 15 Dec 2006 22:31:31 -0600, "Vince Fiscus, KB7ADL"
>>><radiation17@bresnan.net> wrote:
>>>
>>>
>>>
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>>puts in volunteer time and is very knowledgeable. While I firmly believe
>>this alter personality detracted from Amateur radio (Slow Code), Vince
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>>If it was/is him, turning in his license would only be a detriment to
>>the community IMHO.
>
>
> we can do without any ham that behaves as Slow does and without any
> ham that would claim to be slow code wether he is or not
>
>>Chris KC8FRJ
```

>
> http://kb9rqz.blogspot.com/
>

How do you know Vince, I mean other than a seeming like a, unbalanced at times, Morse code advocate?

Chris KC8FRJ

3995. Re: Who are you?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 22:37:49 UTC
From: Mark@kb9rqz.aprs
Message-ID: <b5t8o2tm3cec3104ad1jtn2anhpiou0b2l@4ax.com>
Source record: 48069
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy

On Sat, 16 Dec 2006 17:22:16 -0500, Christopher Cox
<chrisTOPHERcOX@coboxincORORATED.com> wrote:

>Mark@kb9rqz.aprs wrote:
>> On Sat, 16 Dec 2006 15:23:48 -0500, Christopher Cox
>> <chrisTOPHERcOX@coboxincORORATED.com> wrote:
>>
>>
>>>Mark@kb9rqz.aprs wrote:
>>>
>>>>On Fri, 15 Dec 2006 22:31:31 -0600, "Vince Fiscus, KB7ADL"
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>>>
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>>>puts in volunteer time and is very knowledgeable. While I firmly believe
>>>this alter personality detracted from Amateur radio (Slow Code), Vince
>>>has done other things to advance it.
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>> one can only judge by ones experences as far as I am concerned he is
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>>>Although I know Vince is very pro Morse code, I am having trouble
>>>believing it was him (being Mr. Slow Code)
>>>
>>>If it was/is him, turning in his license would only be a detriment to
>>>the community IMHO.
>>
>>
>> we can do without any ham that behaves as Slow does and without any

>> ham that would claim to be slow code wether he is or not
>>
>>>Chris KC8FRJ
>>
>> http://kb9rqz.blogspot.com/
>>
>
>How do you know Vince, I mean other than a seeming like a, unbalanced at
>times, Morse code advocate?

that is How I know though his insane staement during recent his all
but incessant diatrbe of insult many derected at me by name

the Gay bashing and the bashing of the disable the tech indeed all new
hams of anysort

the person known here as SC is insane and inhumnne nutjob

if Vince in he then vince is not someone I care to know further, Vince
is merely claiming to be SC I still don't want to know him
>
>Chris KC8FRJ
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

3996. Re: OK. It's DONE. Pack up your things and go home.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 22:47:42 UTC
From: Jim - NN7K <NN7K@NOWAY.NET>
Message-ID: <il_gh.29067$qO4.17417@newssvr13.news.prodigy.net>
Source record: 48070

n3ox.dan@gmail.com wrote:
> The FCC has decided. Let's talk about ANTENNAS and ANTENNA THEORY now.
all Technician operators will have automatic
general-level CW
> privileges on 80m, 40m, 15m, and 10m.

Not to mention: 10 Meter Phone (28.3-28.5), if
I read this correctly)! We are all C.B. er's
now! 10-4 good buddy! And- all those numbers! We
Clear.
NN7K

3997. Re: Critical Frequency and MUF

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 23:16:19 UTC
From: Jim - NN7K <NN7K@NOWAY.NET>
Message-ID: <77%gh.29274$qO4.26480@newssvr13.news.prodigy.net>
Source record: 48071

C.J. as to the E layer, its effect is probably
next to nil that low in frequency, but, if memory
serves, think that there is a "D" layer, below the
"E" layer, that might have the properties you
speak of? I might have missed some, as I only
download 35 messages at a time, because of all the
junk debates (code-no code, ect). But you raise a
interesting subject as I use on 80, a G5RV, pushed
to its limits (about 15-10 feet off the ground)!
Yet I hear stations that people with higher
antennas cant hear, and it is heard better than
folks with much better antennas than this!
Frankly, this should compare to a wet noodle,
yet consistantly seems to work out to several
hundred miles at night,and on 40 during the day.
The reason it like this is NO TREES in Nevada,
and this property is on bedrock! Not saying this
is an effecient setup , just that it seems to
work! Oh well, sorry for the trouble- thought you
talking about VHF! Jim NN7K

C. J. Clegg wrote:
> On Sat, 16 Dec 2006 01:22:44 +0000, Jim - NN7K wrote:
>
>> Owen is correct- and anyone operateing 10& 6
>> meters will tell you the same thing!
>
> Good morning, Jim.
>
> What I'm trying to figure out is the effect of sporadic E on the lower
> bands, e.g. 75 meters.
>
> I was on a military net on a frequency somewhat above 4 MHz and was able
> to work a station 70 miles away, well after dark when the critical
> frequency was below 3 MHz. According to everything I know about critical
> frequencies and MUF (which isn't very much), my NVIS signal from my
> 17-foot-high dipole should have gone right off into space, and the
> 70-mile-away station shouldn't have heard a peep out of me (and vice versa).
>
> I'm trying to figure out if the solar storms of the last few days might
> have something to do with why I was able to contact that station when
> every indication was I shouldn't have been able to. Sporadic E? I dunno,
> maybe, but it seems like quite a stretch...
>

>

3998. Re: OK. It's DONE. Pack up your things and go home.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-16 23:28:25 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1166311704.976942.7910@16g2000cwy.googlegroups.com>
Source record: 48072

Actually, it's CW/DATA on 10m and phone.

I think it's clever. Techs get giant swaths of CW only privileges
compared to what tech plus before last Friday got.

3999. Re: Who are you?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 03:42:11 UTC
From: Christopher Cox <chrisTOPHERcOX@coboxincORORATED.com>
Message-ID: <4584bc6b$0$7657$4c368faf@roadrunner.com>
Source record: 48073
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy

```
Mark@kb9rqz.aprs wrote:
> On Sat, 16 Dec 2006 17:22:16 -0500, Christopher Cox
> <chrisTOPHERcOX@coboxincORORATED.com> wrote:
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>>Mark@kb9rqz.aprs wrote:
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>>>On Sat, 16 Dec 2006 15:23:48 -0500, Christopher Cox
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>>>>Mark@kb9rqz.aprs wrote:
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>>>>>On Fri, 15 Dec 2006 22:31:31 -0600, "Vince Fiscus, KB7ADL"
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>>>>>http://kb9rqz.blogspot.com/
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>>>Although I know Vince is very pro Morse code, I am having trouble
```

>>>>believing it was him (being Mr. Slow Code)
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>>>>Chris KC8FRJ
>>>
>>>http://kb9rqz.blogspot.com/
>>>
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>>How do you know Vince, I mean other than a seeming like a, unbalanced at
>>times, Morse code advocate?
>
>
> that is How I know though his insane staement during recent his all
> but incessant diatrbe of insult many derected at me by name
>
> the Gay bashing and the bashing of the disable the tech indeed all new
> hams of anysort
>
> the person known here as SC is insane and inhumnne nutjob
>
> if Vince in he then vince is not someone I care to know further, Vince
> is merely claiming to be SC I still don't want to know him
>
>>Chris KC8FRJ
>
> http://kb9rqz.blogspot.com/
>

Wow, read through some of your blog and other pages your blog refers to.
You are quite the lighting rod. You should not be surprised to receive
much attention any many areas.

Best of luck to you.

Chris KC8FRJ

4000. Re: Who are you?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 04:11:24 UTC
From: Mark@kb9rqz.aprs
Message-ID: <6mg9o2h681veus5p3aeotcq7tipdtffv4a@4ax.com>
Source record: 48074
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy

On Sat, 16 Dec 2006 22:42:11 -0500, Christopher Cox
<chrisTOPHERcOX@coboxincORORATED.com> wrote:

>Mark@kb9rqz.aprs wrote:
>> On Sat, 16 Dec 2006 17:22:16 -0500, Christopher Cox
>> <chrisTOPHERcOX@coboxincORORATED.com> wrote:
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>>
>>
>> that is How I know though his insane staement during recent his all
>> but incessant diatrbe of insult many derected at me by name
>>
>> the Gay bashing and the bashing of the disable the tech indeed all new
>> hams of anysort
>>
>> the person known here as SC is insane and inhumnne nutjob
>>
>> if Vince in he then vince is not someone I care to know further, Vince
>> is merely claiming to be SC I still don't want to know him
>>
>>>Chris KC8FRJ
>>
>> http://kb9rqz.blogspot.com/
>>
>
>
>Wow, read through some of your blog and other pages your blog refers to.
>You are quite the lighting rod. You should not be surprised to receive
>much attention any many areas.

attention is one thing

but your "friend" (or the person you are speaking well of) has in the
last few managed to insult over 300,000 of your fellow hams and likely
the future of Ham radio

sadly in America it is acceptable to blame the target of the attack
your "friend" is one those people he has stated he would rather not be

a Ham than Me allowed to use HF I sugesst he consider following
thorough on his words
>
>Best of luck to you.

luck I don't need

I can if needed make all the luck I need
>
>Chris KC8FRJ
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4001. Re: A Moment To Appeciate a Good Thing.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 04:37:18 UTC
From: Mike Coslo <mcoslo@comcast.net>
Message-ID: <Xns989BF04CD37CFmcoslocomcastnet@216.196.97.136>
Source record: 48075
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

"art" <aunwin@insightbb.com> wrote in
news:1166279141.868937.293070@80g2000cwy.googlegroups.com:

>
> John Markham wrote:
>> I feel reborn. At long last I will be able to be a real ham. Thank
>> you, FCC.
>>
>> 73 from KD6VKW, AKA Sal M. Onella
> Congrats John you join the club at a unique time where computors are
> being used to further the hobby, new horizons that bring challenges
> that us old guys never had to deal with. There is nothing like
> plunging into unknown brush for miles and miles to come upon a scene
> that has never been seen before. Those who take only an easy path will
> not get all those scratches and bites that you got on your journey
> but you will be the first to get to the top of the mountain before all
> the followers and that is the joy of ham radio.
> Welcome
> Art
>

A little bit of a different perspective if I may.

I am quite hard of hearing. Tinnitus is the main problem. Imagine
trying to copy code with 20 over 9 noise. Haven't experienced silence since
I was 18 y.o. Plus I have several frequency holes in my hearing, estimated
at over 100 db deep.

I studied Morse code for over 6 months, several hours a day. All that
to get to around 7wpm, a level at which a number of code proficient hams
won't even bother to communicate with me.

Flunked Element 1 the first time, a bit of humiliation for a person
who is used to reading something once, then aceing the test.

After passing, I try a bit of CW Morse from time to time, but mostly
do things like PSK and RTTY, which are visual in nature. I can also contest
on SSB and PSK/RTTY, and am very active in Amateur radio, including public
service, and am the chairman of the premier State QSO party in the country.
Not too bad for a person who could barely pass the Morse code test -
according to some, the litmus test of worthyness. Yeah, I'm a nickle extra.
Big deal. I only passed 5 wpm, and you're a jerk.
(those who would determine worthyness in relation to the speed at which
they can swipe a paddle)

I am the poster child for elimination of the Morse code proficiency requirement.

But!

When I first got involved in Ham Radio in 1999, a lot of people told me that I should hold off on the upgrade, because Morse code proficiency was going to go away "soon".

I didn't listen to them, and I'm glad, because all I would have done is cheated myself out of 8 maybe 9 years of the best hobby I've ever found. It was worth all the trouble and more.

So if you have waited for the Morse code testing to go away to upgrade, then congratulations, and welcome to the fraternity, but please accept my sympathy for cheating yourself out of a few years of this incredible hobby.

Finally, if KB7ADL is indeed "Slow Code", I would suggest that you look at your own behavior and decide if it is consistent with the type of people who are in amateur radio who know Morse code well. However nothing is entirely good or bad. The "Slow Code" crosspostings finally got me off the stick to get a newsreader that could filter out the Morse code drivel and the bizzare crosspostings from people with *serious* issues. Thank you!

Morse code testing is dead. Long live Morse CW!

- 73 de Mike KB3EIA -

with one legit crosspost to rrap.....

4002. a menoent to try and end follishness

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 04:50:35 UTC
From: Mark@kb9rqz.aprs
Message-ID: <jui9o2hil6ndr3jm0dsfne2uq15cejpev1@4ax.com>
Source record: 47876
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

On Sat, 16 Dec 2006 22:37:18 -0600, Mike Coslo <mcoslo@comcast.net>
wrote:

>"art" <aunwin@insightbb.com> wrote in
>news:1166279141.868937.293070@80g2000cwy.googlegroups.com:
>
>>
>> John Markham wrote:
>>> I feel reborn. At long last I will be able to be a real ham. Thank
>>> you, FCC.
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>>> 73 from KD6VKW, AKA Sal M. Onella
>> Congrats John you join the club at a unique time where computors are
>> being used to further the hobby, new horizons that bring challenges
>> that us old guys never had to deal with. There is nothing like
>> plunging into unknown brush for miles and miles to come upon a scene
>> that has never been seen before. Those who take only an easy path will
>> not get all those scratches and bites that you got on your journey
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>> Welcome
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> A little bit of a different perspective if I may.
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> I am quite hard of hearing. Tinnitus is the main problem. Imagine
>trying to copy code with 20 over 9 noise. Haven't experienced silence since
>I was 18 y.o. Plus I have several frequency holes in my hearing, estimated
>at over 100 db deep.
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> I studied Morse code for over 6 months, several hours a day. All that
>to get to around 7wpm, a level at which a number of code proficient hams
>won't even bother to communicate with me.
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> Flunked Element 1 the first time, a bit of humiliation for a person
>who is used to reading something once, then aceing the test.
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> After passing, I try a bit of CW Morse from time to time, but mostly
>do things like PSK and RTTY, which are visual in nature. I can also contest
>on SSB and PSK/RTTY, and am very active in Amateur radio, including public
>service, and am the chairman of the premier State QSO party in the country.

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>Big deal. I only passed 5 wpm, and you're a jerk.
>(those who would determine worthyness in relation to the speed at which
>they can swipe a paddle)
>
> I am the poster child for elimination of the Morse code proficiency
>requirement.

I wasted % year not manging it mike I am gald you had a choice I did
not

I also get tired of the cripple chaste BS I am crippled could do
theefore anybody could code testing is dead can we let bashing people
as lazy die with it?
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>But!
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>me that I should hold off on the upgrade, because Morse code proficiency
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>It was worth all the trouble and more.
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>So if you have waited for the Morse code testing to go away to upgrade,
>then congratulations, and welcome to the fraternity, but please accept my
>sympathy for cheating yourself out of a few years of this incredible hobby.
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no cheating here
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> Finally, if KB7ADL is indeed "Slow Code", I would suggest that you
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>
>with one legit crosspost to rrap.....
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http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4003. Re: Mystery antenna problem

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 05:07:36 UTC
From: Mike Coslo <mcoslo@comcast.net>
Message-ID: <Xns989C14BB31BAmcoslocomcastnet@216.196.97.136>
Source record: 47877

ml <m@di.net> wrote in news:m-6F945E.06275514122006@news.verizon.net:

> i'd guess you won't really know w/out a detailed physical inspection
> unless somthing happens drastic when it rains vs a long dry spell
>
> sure the coax could have gone bad but you have a nice meter seems
> you could actually test it ,
>
> any chance animals chewed any of the coax did anything touch the
> raditors such as a branch or such perhaps near a endpoint tie off?
>
> prb i am not much help but good luck
>
>

Thanks to everyone for the input.

As it turns out, the problem ended up being something else entirely. I replaced the coax the other evening, and indeed it changed the VSWR. But it still wasn't correct! Ith just moved it on the other side of where I wanted it - what was once minimum SWR at too high a frequency was now at too low a frequency (on 80-75 meters. Then the 40 meter was spot-on, and 20 meters was still off.

Seriously confused, I thought for a few seconds. Why on earth would this weird stuff be happening? Then it hit me. THe OCF is not terribly critical as far as lengths go, but it depends on the height from ground to determine SWR and where that SWR is best. My antenna and support structure was hit pretty hard by the storm we had a couple weeks ago, and probably stretched a bit, and wasnt at the same height as before. (drooped) I suspect that the 40 meter shift, and the 20 meter SWR problem was caused by the drooping ends which didn't get beat up in the storm.

I took it down today, and put up a general purpose dipole running through ladder line and a tuner. Working FB now.

- 73 de Mike KB3EIA -

4004. Re: Critical Frequency and MUF

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 06:23:38 UTC
From: Owen Duffy <none@no.where>
Message-ID: <Xns989CAF34CDE60nonenowhere@61.9.191.5>
Source record: 47878

Jim - NN7K <NN7K@NOWAY.NET> wrote in
news:77%gh.29274$qO4.26480@newssvr13.news.prodigy.net:

...
> work! Oh well, sorry for the trouble- thought you
> talking about VHF! Jim NN7K
...

There seems a theme in some of the postings that Sporadic E is a VHF phenomena.

Go look at the ionograms from an ionosonde, it can measure the critical frequency (don't know what that means? consult a text book) of the layers above itself at the time, and it discovers E and Es layers. The highest return frequencies indicate the critical frequency, and it isn't (usually) at VHF, it doesn't need to be to facilitate VHF paths.

If the f0Es is say 10MHz, consider the length of the paths, the virtual height of the layer and the MUF for the path (approximated by the secant of angle of incidence * f0Es). If you approximate the earth as flat, a 500km distance to a virtual reflection point at 100km height with f0Es= 10MHz yeilds an angle of incidence of 78deg, sec(78)=5.1, so MUF=51MHz. The earth is not flat, so a slightly longer path is needed for MUF> 50MHz... but the paths commonly worked are 1000 - 3000km, and more. You don't have to do the calcs, some of the space weather sites will fake up an oblique ionogram for you, certainly ours can.

Sporadic E is not the only mechanism in long distance VHF contacts, and contacts are not necessarily dependent on a single mechanism.

But back to the original question, if there is a sporadic E layer overhead at night, why would it not support NVIS 4MHz contacts?

The maps of f0F2 look pretty, but there is reduction of a lot of measurements to a single statistic, interpolation and a delay between measurements and publication that questions their use to prove that the contacts you had could not happen.

I still ask the question "how can they measure f0F2 when there is such strong "reflection" from a sustained E layer that no signal returns from the F layer?".

Owen

4005. Re: a menoent to try and end follishness

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 06:42:06 UTC
From: Ron <anon@anon>
Message-ID: <hved1.ato.19.1@news.alt.net>
Source record: 47879
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

<Mark@kb9rqz.aprs> wrote in message
news:jui9o2hil6ndr3jm0dsfne2uq15cejpev1@4ax.com...
> On Sat, 16 Dec 2006 22:37:18 -0600, Mike Coslo <mcoslo@comcast.net>
> wrote:
>
> >"art" <aunwin@insightbb.com> wrote in
> >news:1166279141.868937.293070@80g2000cwy.googlegroups.com:
> >
> >>
> >> John Markham wrote:
> >>> I feel reborn. At long last I will be able to be a real ham. Thank
> >>> you, FCC.
> >>>
> >>> 73 from KD6VKW, AKA Sal M. Onella
> >> Congrats John you join the club at a unique time where computors are
> >> being used to further the hobby, new horizons that bring challenges
> >> that us old guys never had to deal with. There is nothing like
> >> plunging into unknown brush for miles and miles to come upon a scene
> >> that has never been seen before. Those who take only an easy path will
> >> not get all those scratches and bites that you got on your journey
> >> but you will be the first to get to the top of the mountain before all
> >> the followers and that is the joy of ham radio.
> >> Welcome
> >> Art
> >>
> >
> >
> > A little bit of a different perspective if I may.
> >
> > I am quite hard of hearing. Tinnitus is the main problem. Imagine
> >trying to copy code with 20 over 9 noise. Haven't experienced silence
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> >I was 18 y.o. Plus I have several frequency holes in my hearing,
estimated
> >at over 100 db deep.
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> > I studied Morse code for over 6 months, several hours a day. All that
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> >won't even bother to communicate with me.
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> > Flunked Element 1 the first time, a bit of humiliation for a person
> >who is used to reading something once, then aceing the test.
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> >do things like PSK and RTTY, which are visual in nature. I can also
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> >on SSB and PSK/RTTY, and am very active in Amateur radio, including
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> >service, and am the chairman of the premier State QSO party in the
country.
> >Not too bad for a person who could barely pass the Morse code test -
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extra.
> >Big deal. I only passed 5 wpm, and you're a jerk.
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> >they can swipe a paddle)
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> > I am the poster child for elimination of the Morse code proficiency
> >requirement.
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> I wasted % year not manging it mike I am gald you had a choice I did
> not
>
> I also get tired of the cripple chaste BS I am crippled could do
> theefore anybody could code testing is dead can we let bashing people
> as lazy die with it?
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> >But!
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> > When I first got involved in Ham Radio in 1999, a lot of people told
> >me that I should hold off on the upgrade, because Morse code proficiency
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> SC or not
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> >Morse code testing is dead. Long live Morse CW!
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> > - 73 de Mike KB3EIA -
> >
> >with one legit crosspost to rrap.....

Moaning Mark will soon be moaning in ecstacy over the elimination of CW as a licensing requirement, if he is not already.
I welcome the new users to the HF frequencies providing they comport themselves well. The first time I hear an idiot no-coder using an echo box or telling someone, "ten-roger", I am going to speak up.
As for my previous offer to meet Mork on 17 meters? Consider it rescinded.

There is another *plus* to this new rule change in that this will give Woger that many more stations to jam. Tune up your rigs, Wabbit. There is a whole new flock of newbies in the wings who are ripe and ready for your brand of harrassment.

4006. Re: A Moment To Appeciate a Good Punce

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 06:48:07 UTC
From: I PUNCE <markpunce@yahoo.com>
Message-ID: <1166338087.522802.251340@f1g2000cwa.googlegroups.com>
Source record: 47880
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.usenet.kooks,alt.home.repair,soc.men

Mike Coslo wrote:
> "art" <aunwin@insightbb.com> wrote in
> news:1166279141.868937.293070@80g2000cwy.googlegroups.com:
>
> > >
> > > John Markham wrote:
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> > > Congrats John you join the club at a unique time where computors are
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> > > that us old guys never had to deal with. There is nothing like
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> > > Welcome
> > > Art
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> A little bit of a different perspective if I may.
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> I am quite hard of hearing. Tinnitus is the main problem. Imagine
> trying to copy code with 20 over 9 noise. Haven't experienced silence since
> I was 18 y.o. Plus I have several frequency holes in my hearing, estimated
> at over 100 db deep.
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> I studied Morse code for over 6 months, several hours a day. All that
> to get to around 7wpm, a level at which a number of code proficient hams
> won't even bother to communicate with me.
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> Flunked Element 1 the first time, a bit of humiliation for a person
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> After passing, I try a bit of CW Morse from time to time, but mostly
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> with one legit crosspost to rrap.....
I PUNCE

4007. Re: a menoent to try and end follishness

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 06:49:31 UTC
From: Mark@kb9rqz.aprs
Message-ID: <3rp9o2p2hkqalsctj4n2ggou3hm9tav8hk@4ax.com>
Source record: 47881
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

On Sun, 17 Dec 2006 01:42:06 -0500, "Ron" <anon@anon> wrote:

>

>> >
>> >with one legit crosspost to rrap.....
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no "not anybody" or is that "Not Everybody" I am pleased it occoured
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30 years ago when it should have done maybe extascy

>I welcome the new users to the HF frequencies providing they comport
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>As for my previous offer to meet Mork on 17 meters? Consider it rescinded.

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>that many more stations to jam. Tune up your rigs, Wabbit. There is a whole
>new flock of newbies in the wings who are ripe and ready for your brand of
>harrassment.

and here is another place you show true colors as just a general
zenophobe. you like harrassment and encourage it on air and on USENET
this fact about you alone makes ME the better ham
>
>
>
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4008. Re: a menoent to try and end follishness PUNCE

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 06:52:12 UTC
From: I PUNCE <markpunce@yahoo.com>
Message-ID: <1166338332.422332.326750@n67g2000cwd.googlegroups.com>
Source record: 47882
Cross-posted to: alt.usenet.kooks,rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.drugs.hard,rec.radio.cb

```
Ron wrote:
> <Mark@kb9rqz.aprs> wrote in message
> news:jui9o2hil6ndr3jm0dsfne2uq15cejpev1@4ax.com...
> > On Sat, 16 Dec 2006 22:37:18 -0600, Mike Coslo <mcoslo@comcast.net>
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> > >(those who would determine worthyness in relation to the speed at which
> > >they can swipe a paddle)
> > >
> > > I am the poster child for elimination of the Morse code proficiency
> > >requirement.
> >
> > I wasted % year not manging it mike I am gald you had a choice I did
> > not
> >
> > I also get tired of the cripple chaste BS I am crippled could do
> > theefore anybody could code testing is dead can we let bashing people
> > as lazy die with it?
> > >
> > >But!
> > >
> > > When I first got involved in Ham Radio in 1999, a lot of people told
> > >me that I should hold off on the upgrade, because Morse code proficiency
> > >was going to go away "soon".
> > >
> > > I didn't listen to them, and I'm glad, because all I would have done
> > >is cheated myself out of 8 maybe 9 years of the best hobby I've ever
> found.
> > >It was worth all the trouble and more.
> > >
> > >So if you have waited for the Morse code testing to go away to upgrade,
> > >then congratulations, and welcome to the fraternity, but please accept my
> > >sympathy for cheating yourself out of a few years of this incredible
> hobby.
> > >
> > no cheating here
> > >
> > > Finally, if KB7ADL is indeed "Slow Code", I would suggest that you
> > >look at your own behavior and decide if it is consistent with the type of
> > >people who are in amateur radio who know Morse code well. However nothing
> > >is entirely good or bad. The "Slow Code" crosspostings finally got me off
> > >the stick to get a newsreader that could filter out the Morse code drivel
> > >and the bizzare crosspostings from people with *serious* issues. Thank
> you!

> >
> > SC is abd ham if a ham at all and KB7ADL is foolish one wether he is
> > SC or not
> > >
> > >
> > >Morse code testing is dead. Long live Morse CW!
> > >
> > > - 73 de Mike KB3EIA -
> > >
> > >with one legit crosspost to rrap.....
>
> Moaning Mark will soon be moaning in ecstacy over the elimination of CW as a
> licensing requirement, if he is not already.
> I welcome the new users to the HF frequencies providing they comport
> themselves well. The first time I hear an idiot no-coder using an echo box
> or telling someone, "ten-roger", I am going to speak up.
> As for my previous offer to meet Mork on 17 meters? Consider it rescinded.
>
> There is another *plus* to this new rule change in that this will give Woger
> that many more stations to jam. Tune up your rigs, Wabbit. There is a whole
> new flock of newbies in the wings who are ripe and ready for your brand of
> harrassment.
I PUNCE

4009. Re: A Moment To Appeciate a Goodthing

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 06:55:07 UTC
From: Mark@kb9rqz.aprs
Message-ID: <6eq9o25dsti581v5s75vbkh5ba520asu1m@4ax.com>
Source record: 47883
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,alt.home.repair,soc.men

On 16 Dec 2006 22:48:07 -0800, "I PUNCE" <markpunce@yahoo.com> wrote:

>

throwing another peice to woger the troll
you could at least thank me for it
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4010. Re: A Moment To Appeciate a Good Thing.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 07:06:47 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <c06hh.13697$un3.5830@newsfe14.phx>
Source record: 47884

"art" <aunwin@insightbb.com> wrote in message
news:1166279141.868937.293070@80g2000cwy.googlegroups.com...

< snip >

> the joy of ham radio.
> Welcome
> Art
>

Thank you, sir.

John

4011. Re: A request for guidance from academics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 10:01:46 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <0C8hh.1099$U12.167@bignews1.bellsouth.net>
Source record: 47885

<nm5k@wt.net> wrote in message
news:1166333510.680957.148900@t46g2000cwa.googlegroups.com...
>
> art wrote:
>> Dave wrote:
>> > "art" <aunwin@insightbb.com> wrote in message
>> > news:1166231112.092002.162490@73g2000cwn.googlegroups.com...
>> > > David
>> > > we totally disagree, you have a hang up on applying a time varying
>> > > field to a electric charge. There is absolute no reason that you can
>> > > take
>> > > a stand on that.
>> >
>> > of course i can, rf is a time varying phenomenon by definition. you
>> > can't
>> > communicate via static fields, by definition, so they are of no use in
>> > this
>> > discussion.
>>
>> David, it stops being a static field alone if a time varying fiels is
>> applied
>> >
>>
>> > >You say that you worked in space communication well
>> > > ask for a second opinion from one of your former associates or even
>> > > ckeck with your Alma Mata before you dig a hole that is to deep to
>> > > get
>> > > out of.Remember that as we get older we all have senior moments and I
>> > > may well be having more than you so hang in there!
>> >
>> > no, i don't work in space communications other than occasionally
>> > listening
>> > to ariss.
>> >
>> > >
>> > > Regarding the need for a new program that just can't be true, NEC is
>> > > based on known mathematical laws period. When programs first came out
>> > > I
>> > > struggled with that but I then realised that NEC is NOT based on
>> > > empirical data so what you are saying is just not correct.
>> > > I urge you to rethink that one out again.
>>
>>
>> >

>> > of course it's true. nec and other existing antenna modelling software
>> > is
>> > all based on maxwell's equations so by definition it assumes time
>> > varying
>> > fields and coupling between all the elements of the antenna. if you
>> > are
>> > trying to do something and ignore that coupling then none of the
>> > existing
>> > programs will work for you.
>>
>> David,
>> I never said there is no coupling, in mathematics there are ways of
>> removing avariable by the use of simultaneous equations. If you can't
>> get around it then ofcourse you have to go the labourious route for
>> full determination and that is compicated Going the Gaussian rout
>> removes all that laborious mathematical work. Look at any mathematical
>> sample of such an array and it all comes down to ZI of the elements
>> involved, nothing more is needed
>> and coupling is part of the journey but not of the solution and the
>> solution by my method goes straight to the the solution by using the
>> same laws that have been in existant for years.
>>
>>
>>
>>
>>
>> > >
>> > > As far as a patent goes I am struggling with that because it must be
>> > > a
>> > > physical description
>> > > so basically it would seem that I would have to run the gamut of
>> > > different arrangements until one is found that has significant value
>> > > and that will take an awefull long time. I may have to look at buying
>> >
>> > patents don't have to have significant value, only a new idea, a
>> > description
>> > of how it may be implemented, and claims. exactly what are you
>> > claiming
>> > your new idea will do that is unique? you have given a couple examples
>> > now
>> > of stacking elements, but to what end? is that arrangement supposed to
>> > have
>> > gain in some direction? is it supposed to be more efficient than
>> > existing
>> > antennas somehow? just what is it supposed to do that is worthy of a
>> > patent?
>> >
>> > > Metlab for comparison purposes or get somebody to do it. I think the
>> > > main factor in all this is vector pre direction can be deturmined and
>> > > that we can have two vectors in the forward direction which the Yagi

>> > > does not do. But then you point to what is apparent to me is a real
>> > > problem. If I could have the sample given solved by Metlab I am
>> > > absolutely positive it will match up to the results that I gave
>> > > earlier
>> > > on this thread,, if it doesn't then I will have to think things out
>> > > again. As far as your comments are concerned I am completely blown
>> > > away
>> > > by you declaring that a time varying field cannot be applied to an
>> > > static electrical charge, blown away especially when you have stated
>> > > that you have worked in space communications for years.
>> > > But then again you are the only one who has the required
>> > > qualifications
>> > > to make comment.
>> > > For some reason I thought that many of the group taught at coillege
>> > > from their demenior
>> > > but now I am not sure who is an engineer and who is none other than a
>> > > Richard The idea that no one other than yourself was willing to walk
>> > > the walk on an antenna subject on this RRAA is so surprising since it
>> > > would appear they are not comfortable in the subject to stand up.
>> >
>> > unfortunately for you, i am an engineer... and as such an interested in
>> > practical applications. so far you have only done some handwaving and
>> > not
>> > produced even a claim of what your method will do that is different
>> > than
>> > randomly positioning pieces of wire.
>>
>> Big deal, a lot of us were professioinal engineers before we retired.
>> I have not waved my arms I gave samples that apply plus the method of
>> solving.
>> Anybody can use what ever they want to disprove it and I would welcome
>> it but so far
>> no body has been able to accomplishthis.
>> Now what does this sort of arrangement do for you?
>> If you have a copy of any antenna handbook look at chaptor 2 where the
>> discussion of compromise comes to the fore. The yagi can be very
>> efficient compared to other arrays when seeking one desirable but when
>> seeking more than one desirable you have to make compromises and that
>> is part of the joy in making antennas. Why the need to compromise?
>> Well the yagi uses detuned elements which are reactive which is not
>> helpfull with respect to SWR which controls bandwidth plus one would
>> like all desirables to be in sync witheach other as one moves away from
>> the frequency of use. By formulating an array around elements that are
>> resonant and of the same "Q" you remove this problem. In addition by
>> the use of "Q": one can determine indivudual impedances of any element
>> in the cluster purely by the use of other laws of the masters. I don't
>> expect you to understand all this but that is how it is. There is
>> nothing wrong with using a piece of wire to communicate but if you are
>> seeking knoweledge of the where's and why's of radiation then this is
>> another link in the chain. You can deny it all youi wish but facts are

>> facts and sooner or later it will be printed in technical books used
>> for teaching engineers.and then by rote it becomes accepted
>> Best regards
>> Art Unwin KB9MZ.....XG
>>
>>
>>
>> >
>> > > So David you get the honours as the only one willing to walk the walk
>> > > when the chips were down which suggests others are lemmings, for that
>> > > I
>> > > really thank you.
>> > > Another thought is I could consult Tom a proven expert on antennas
>> > > and
>> > > knowelegable with Metlab. He is curious about this sort of thing so
>> > > it
>> > > may well interest him. At the moment I am trying to sort out the
>> > > element coordinates of a similar array that I sent you so I can then
>> > > calculate using my concept to compare results since that author
>> > > obviously knows his mathematics so If mine matches his then it is QED
>> > > but I havent been able to resolve that
>> > > yet.
>> > > Best Regards
>> > > Art Unwin KB9MZ.....XG
>> > >
>> > >
>> > >
>> > >
>> > >
>> > > Dave wrote:
>> > >> sorry, it just doesn't work that way. gauss' law for electrostatics
>> > >> just
>> > >> can't be extended to handle time varying fields, as soon as you do
>> > >> that
>> > >> its
>> > >> not statics any more and you have to take into account currents and
>> > >> magnetic
>> > >> fields which then give you the coupling to the other elements. that
>> > >> is
>> > >> what
>> > >> eznec and the other antenna modellers make use of... so don't try to
>> > >> model
>> > >> your antenna with any existing program, you have to come up with
>> > >> your own
>> > >> model and calculation method to show what it does.
>> > >>
>> > >> oh, and one important part of a patent is the claims section... what
>> > >> are
>> > >> your claims for this new type of antenna??
>> > >>

>> > >> "art" <aunwin@insightbb.com> wrote in message
>> > >> news:1166148824.086666.260360@l12g2000cwl.googlegroups.com...
>> > >> >
>> > >> > Dave wrote:
>> > >> >> electrostatics is a small subset of electromagnetics, and with
>> > >> >> good
>> > >> >> cause.
>> > >> >> its application is limited to static electric fields only. no
>> > >> >> current,
>> > >> >> no
>> > >> >> radiation, just static electric fields. so don't try to sell an
>> > >> >> antenna
>> > >> >> based on electrostatics or you will be lumped in with the e/h
>> > >> >> guys.
>> > >> > David it is not just limited to electrostatics. What Gauss wrote
>> > >> > is
>> > >> > accepted for what it is a mathematical deduction or law. That
>> > >> > mathematical statement has universal use as with George Greens
>> > >> > work who
>> > >> > did not have one iota of engineering tuition. All I have added to
>> > >> > gausses law is the dimension of time which I suspect that a
>> > >> > mathematician can connect it to Amperes law or even Kirchoff As
>> > >> > far as
>> > >> > current is concerned a brief moment of time where a time varying
>> > >> > field
>> > >> > is applied to an element immediately the electric particles posses
>> > >> > directive abilities where the vector value is zero. I may be wrong
>> > >> > here
>> > >> > but that is called a conservative field with a big but... the
>> > >> > inside of
>> > >> > the arbitary curve must be in a state of equilibrium where the
>> > >> > sign on
>> > >> > the particals must be alike and change in unison.
>> > >> > This can be done by making the elerments resonant which mine are
>> > >> > tho
>> > >> > not of the same length. When the time varying field is applied to
>> > >> > the
>> > >> > cluster we break the equilibrium with an element that does not
>> > >> > change
>> > >> > in unison with the other elements thus weakening the arbitary
>> > >> > border at
>> > >> > that point./ When the energy of the internal field breaches the
>> > >> > arbitary border it will do it in the vicinity of the added detuned
>> > >> > element. It is only when the border is breached does one start
>> > >> > generating the near field which is contrary to the yagi.
>> > >> >
>> > >> > Now with respect to coupling. in mathematics you try to remove
>> > >> > some of
>> > >> > the variables to make a solution easier, in this cas we removed
>> > >> > the

>> > >> > variable of coupling by using elements with the same "Q' I am not
>> > >> > saying that I get radiation without current or coupling I am
>> > >> > saying
>> > >> > that I have reduced the design to just ohms law via mathematical
>> > >> > aproaches, nothing more.
>> > >> >>
>> > >> >> coupling between elements of an antenna is a given, you can't
>> > >> >> have a
>> > >> >> conductor in an electromagnetic field without it coupling somehow
>> > >> >> to
>> > >> >> the
>> > >> >> field and re-radiating. to try to convince anyone otherwise is
>> > >> >> to
>> > >> >> ignore
>> > >> >> 100+ years of electromagnetic research.
>> > >> > I accept coupling but not generation of a radiating field at the
>> > >> > same
>> > >> > time. Gausses law revolves around a closed arbitary border where
>> > >> > the
>> > >> > radiating field does not generate until the border is breached.
>> > >> > This is
>> > >> > why a detuned element is added to the cluster to weaken the
>> > >> > border.
>> > >> >>
>> > >> >> also, if you are basing this on new principles you can't expect
>> > >> >> eznec
>> > >> >> or
>> > >> >> ao
>> > >> >> or any of the existing finite element programs to do anything
>> > >> >> reasonable
>> > >> >> for
>> > >> >> it, they will all fall apart like the example you posted and give
>> > >> >> unobtainable models because they use classical electromagnetics
>> > >> >> to do
>> > >> >> all
>> > >> >> their calculations. No they are not new principles they have
>> > >> >> existed
>> > >> >> for
>> > >> >> a long time
>> > >> >
>> > >> > Over the years mathematicians have connected many laws of
>> > >> > different
>> > >> > disciplines purly by mathematical terms, supposition or just going
>> > >> > the
>> > >> > extra mile with somebody elses work and George Green is a prime
>> > >> > example
>> > >> > of mathematical genious where his work was connected more than 100
>> > >> > years later to complexc circuitry and other things.
>> > >> >>
>> > >> >> as far as patents... i don't trust them any further than i can

>> > >> >> throw
>> > >> >> them,
>> > >> >> you can patent anything unless it says 'free energy' or
>> > >> >> 'perpetual
>> > >> >> motion'
>> > >> >> in it. heck there are even patents for faster than light
>> > >> >> antennas.
>> > >> >> if
>> > >> >> you
>> > >> >> can't explain the principles well enough to pass a peer review
>> > >> >> for
>> > >> >> something
>> > >> >> like the ieee a&p proceedings the science isn't right.
>> > >> >
>> > >> > Exactly. So I am asking for input from those experienced in the
>> > >> > state
>> > >> > of the art or a different perspectivebut there doesn't appear to
>> > >> > be any
>> > >> > out there to add their penny worth. I really believe Dave that the
>> > >> > idea
>> > >> > of adding curl to a electriostatic charge is what you are
>> > >> > resisting and
>> > >> > some day you will have to look at that afresh or at least poke
>> > >> > academic
>> > >> > holes in the aproach I am taking or a different perspective for me
>> > >> > to
>> > >> > mull over, a mathematical aproach requires not amateurs but those
>> > >> > experienced in the art such as yourself.
>> > >> >
>> > >> > At least you gave it a shot Dave for which I thank you.
>> > >> >
>> > >> > I can give you another arbitary array where the elements are not
>> > >> > as
>> > >> > close to each other if you wish or the same array where the
>> > >> > elements
>> > >> > are rotated into a star fashion for vertical
>> > >> > radiation to remove this close coupling which seems to be alarming
>> > >> > you.
>> > >> > I only supplied such an arbitary placed array to catch the
>> > >> > imagination
>> > >> > of those who are really inquisitive, nothing more
>> > >> > Will another person knoweledgable in the field join in with us
>> > >> > other
>> > >> > than an amateur who knoweledge only extends to the ARRL
>> > >> > examinations,
>> > >> > anyone ? Surely since this is an antenna group somebody must have
>> > >> > studied these things in college even tho it may have been a long
>> > >> > time
>> > >> > ago.
>> > >> >

>> > >> > Regards
>> > >> > Art
>> > >> >
>> > >> >>
>> > >> >> "art" <aunwin@insightbb.com> wrote in message
>> > >> >> news:1166141722.039274.76890@j72g2000cwa.googlegroups.com...
>> > >> >> > David listen to me. Please. Gaussian law with respect to
>> > >> >> > electrostatics
>> > >> >> > is very well known
>> > >> >> > And you surely are aware that electrostatics is a subset of
>> > >> >> > electromagnetics.
>> > >> >> > Now you, because of your education and professional experience
>> > >> >> > know
>> > >> >> > that the energy radiated can be calculated tho it is laborious
>> > >> >> > to
>> > >> >> > do. I
>> > >> >> > have given you a Gaussian version where only V=IZ needs to be
>> > >> >> > known
>> > >> >> > where as other means require coupling factors plus other
>> > >> >> > things.
>> > >> >> > Gausses law is very simple, the energy provided by the addition
>> > >> >> > of
>> > >> >> > curl
>> > >> >> > to the contained static electrical particles is equal to the
>> > >> >> > radiation
>> > >> >> > outside the arbitary border when you add " in a space of time"
>> > >> >> > or
>> > >> >> > something similar to Gausses law.
>> > >> >> > Yes it is not in the books because it is new, thats right, new
>> > >> >> > in my
>> > >> >> > eyes because it provides an array without the addition of
>> > >> >> > elements
>> > >> >> > that
>> > >> >> > are detuned as with the Yagi. With the Gaussian array you do
>> > >> >> > not
>> > >> >> > have
>> > >> >> > to make compromises with respect to desirables as shown in
>> > >> >> > Chaptor 2
>> > >> >> > in
>> > >> >> > the Antenna handbook. The Gaussian array provides sync between
>> > >> >> > all
>> > >> >> > the
>> > >> >> > curves over a bandwidth. Over time I have written this patent
>> > >> >> > application many times because of derision from amateures.
>> > >> >> > But, now
>> > >> >> > I
>> > >> >> > am appealing to the academics or qualified
>> > >> >> > engineers. (I once was an engineer but time has messed the mind
>> > >> >> > in
>> > >> >> > some

>> > >> >> > areas}to help me out so I can finalise things but above all I
>> > >> >> > want
>> > >> >> > academic facts and not drivel that I get from those who follow
>> > >> >> > Richard.
>> > >> >> > Is there any other academics out there that can help me out as
>> > >> >> > well
>> > >> >> > as
>> > >> >> > clarifying what I say for better understanding. Anybody to join
>> > >> >> > David ?
>> > >> >> > Regards
>> > >> >> > Art
>> > >> >> >
>> > >> >> >
>> > >> >> >
>> > >> >> >
>> > >> >> >
>> > >> >> > Dave wrote:
>> > >> >> >> "art" <aunwin@insightbb.com> wrote in message
>> > >> >> >> news:1166138525.108132.62430@l12g2000cwl.googlegroups.com...
>> > >> >> >> >
>> > >> >> >> > Dave wrote:
>> > >> >> >> >> "art" <aunwin@insightbb.com> wrote in message
>> > >> >> >> >> news:1166132782.230558.71350@l12g2000cwl.googlegroups.com...
>> > >> >> >> >> >I recently gave a write up on Gaussian arrays
>> > >> >> >> >> > As a sample which was not directed for any
>> > >> >> >> >> > desirable I laid out the following
>> > >> >> >> >> >
>> > >> >> >> >> > All of the elements were placed above each other purely
>> > >> >> >> >> > to make things easier to do plus it being an unusual
>> > >> >> >> >> > arrangement probably never seen before.
>> > >> >> >> >> >
>> > >> >> >> >> > Coordinates (perfect ground) Inches
>> > >> >> >> >> > X Y Z
>> > >> >> >> >> >
>> > >> >> >> >> > 0 209.46 927.1
>> > >> >> >> >> > 0 198.25 973.97
>> > >> >> >> >> > 0 172.78 822.86
>> > >> >> >> >> > 0 219.83 964.4
>> > >> >> >> >> > 0 185.53 922.4
>> > >> >> >> >> >
>> > >> >> >> >> > With 1" dia elements
>> > >> >> >> >> > my results were
>> > >> >> >> >> > Impedance 48.5 + j 0.1
>> > >> >> >> >> > Horiz gain 8.12 dbi @ 12 deg
>> > >> >> >> >> > Rc gain 5.11 dbic
>> > >> >> >> >> >
>> > >> >> >> >> > Since I am not sure of the capabilities of EZNEC
>> > >> >> >> >> > or other programs
>> > >> >> >> >> > I also supply the following
>> > >> >> >> >> >

>> > >> >> >> >> > All elements driven impedances are
>> > >> >> >> >> > 6.58 + j56.9
>> > >> >> >> >> > -5.28 - j 37.6
>> > >> >> >> >> > -5.00 -125
>> > >> >> >> >> > 9.35 + 58.5
>> > >> >> >> >> > -16.2 - j205
>> > >> >> >> >>
>> > >> >> >> >> as i pointed out before, and this verifies, you have found
>> > >> >> >> >> one
>> > >> >> >> >> of
>> > >> >> >> >> the
>> > >> >> >> >> limitations of finite element methods for modeling
>> > >> >> >> >> antennas.
>> > >> >> >> >> very
>> > >> >> >> >> close
>> > >> >> >> >> spacings between long elements causes un-realizable
>> > >> >> >> >> results.
>> > >> >> >> >> the
>> > >> >> >> >> extremely
>> > >> >> >> >> low real components of the impedance and high reactive
>> > >> >> >> >> values
>> > >> >> >> >> are
>> > >> >> >> >> symptoms
>> > >> >> >> >> of this.
>> > >> >> >> >>
>> > >> >> >> >
>> > >> >> >> >
>> > >> >> >> > David this is just conjecture on your part. I respect your
>> > >> >> >> > knoweledge
>> > >> >> >> > but I am looking for academic proof. Your comments may well
>> > >> >> >> > be
>> > >> >> >> > valid
>> > >> >> >> > in
>> > >> >> >> > general terms but I have given
>> > >> >> >> > a specific case plus some of my findings. Prove to me the
>> > >> >> >> > error
>> > >> >> >> > of
>> > >> >> >> > my
>> > >> >> >> > ways please
>> > >> >> >> >
>> > >> >> >> >>
>> > >> >> >> >> Now I need the help from anybody with a engineering
>> > >> >> >> >> degree
>> > >> >> >> >> which wipes out Richard since his only intent is to
>> > >> >> >> >> ridicule,
>> > >> >> >> >> or deceive anyway, to confirm the following
>> > >> >> >> >>
>> > >> >> >> >> For a Gaussian field the energy radiated
>> > >> >> >> >> by the array as a whole (feed element 1)
>> > >> >> >> >> must equal the sum of the energy

>> > >> >> >> >> > supplied from each individual element.
>> > >> >> >> >>
>> > >> >> >> >> this is true for any array. O.K. and I gave you all the
>> > >> >> >> >> impedances
>> > >> >> >> >> that
>> > >> >> >> >> you would need to prove or disprove what I have said. I
>> > >> >> >> >> would be
>> > >> >> >> >> interested in what a academic would say
>> > >> >> >> >> > regarding a proof measure based on the figures I've given
>> > >> >> >> >> > which I
>> > >> >> >> >> > believe is all that is needed
>> > >> >> >> >>
>> > >> >> >> >> >
>> > >> >> >> >> > Questions.
>> > >> >> >> >> > 1. Am I correct in saying this?
>> > >> >> >> >> > 2. Does the above array rank in any way
>> > >> >> >> >> > as a Gaussian array.?
>> > >> >> >> >>
>> > >> >> >> >> define 'gaussian array' as it applies to antennas that you
>> > >> >> >> >> are
>> > >> >> >> >> describing.
>> > >> >> >> >>
>> > >> >> >> >> that type of array is not defined in my copies of Jackson's
>> > >> >> >> >> or
>> > >> >> >> >> Ramo-Whinner-VanDuzer's books, nor does my IEEE antenna
>> > >> >> >> >> design
>> > >> >> >> >> handbook
>> > >> >> >> >> mention that term. there are references to 'gaussian
>> > >> >> >> >> beams'
>> > >> >> >> >> with
>> > >> >> >> >> respect
>> > >> >> >> >> to
>> > >> >> >> >> the shape of the fields from feed horns for microwave
>> > >> >> >> >> dishes and
>> > >> >> >> >> other
>> > >> >> >> >> quasi-optical systems. Some searching of the web also
>> > >> >> >> >> seems to
>> > >> >> >> >> refer
>> > >> >> >> >> to
>> > >> >> >> >> gaussian arrays, but those all seem to be related to
>> > >> >> >> >> current or
>> > >> >> >> >> power
>> > >> >> >> >> distribution on elements of an adaptive array.
>> > >> >> >> >>
>> > >> >> >> >> > Yes, these deal with other works of Gauss as he was
>> > >> >> >> >> > primarily a
>> > >> >> >> >> > mathematicial and his work is all the vogue now in the
>> > >> >> >> >> > communications
>> > >> >> >> >> > world with respect to channels.
>> > >> >> >> >>

>> > >> >> >> > No you will not find it in books possibly because of the
>> > >> >> >> > popularity
>> > >> >> >> > of
>> > >> >> >> > the Yagi were all
>> > >> >> >> > that is known about antennas was known. I am absolutely
>> > >> >> >> > positive
>> > >> >> >> > that
>> > >> >> >> > in time this will be picked up and put in the books because
>> > >> >> >> > I am
>> > >> >> >> > making
>> > >> >> >> > it known and I gave several paragraphs
>> > >> >> >> > that showed the trail of deductions using the word of the
>> > >> >> >> > masters
>> > >> >> >> > and
>> > >> >> >> > nobody found fault that they could justify academically.
>> > >> >> >> > Richard
>> > >> >> >> > is
>> > >> >> >> > known to lead people astray and he is doing it again. He,
>> > >> >> >> > Richard
>> > >> >> >> > has
>> > >> >> >> > no engineering degree, he may have one on geography since he
>> > >> >> >> > was
>> > >> >> >> > in
>> > >> >> >> > the
>> > >> >> >> > navy and if you know what hemesphere the Panama canal is,
>> > >> >> >> > and you
>> > >> >> >> > get
>> > >> >> >> > two shots at it you can get a degree in the mail. When I
>> > >> >> >> > gave you
>> > >> >> >> > the
>> > >> >> >> > impedances it is the root
>> > >> >> >> > of determining the energy supplied by a radiating element
>> > >> >> >> > where
>> > >> >> >> > Z1
>> > >> >> >> > Z2
>> > >> >> >> > etc is all you need
>> > >> >> >> > Again I agree that this is not stated in the books but
>> > >> >> >> > surely you
>> > >> >> >> > don't
>> > >> >> >> > believe all is in the books at the present time ?
>> > >> >> >> > Electricity is
>> > >> >> >> > not
>> > >> >> >> > immune to new discovery.
>> > >> >> >> > I welcome your comments but really I am looking for academic
>> > >> >> >> > proof
>> > >> >> >> > where Richard has muddled things up so much I am beginning
>> > >> >> >> > to
>> > >> >> >> > question
>> > >> >> >> > myself even tho no facts only words have been offered
>> > >> >> >>

>> > >> >> >> unfortunately it is not possible to prove a negative. and you
>> > >> >> >> have
>> > >> >> >> not
>> > >> >> >> proved your case. I have pointed out the well known failure
>> > >> >> >> of
>> > >> >> >> finite
>> > >> >> >> element modeling that most of us with engineering degrees do
>> > >> >> >> understand
>> > >> >> >> and
>> > >> >> >> avoid. you have simply been misled by software that you don't
>> > >> >> >> understand
>> > >> >> >> completely. And no, I don't think everything is in books
>> > >> >> >> already,
>> > >> >> >> but
>> > >> >> >> I
>> > >> >> >> don't believe that someone playing around with software they
>> > >> >> >> don't
>> > >> >> >> understand is going to discover a new principle that hasn't
>> > >> >> >> been
>> > >> >> >> studied
>> > >> >> >> elsewhere. So, again I ask, please define 'Gaussian array',
>> > >> >> >> give
>> > >> >> >> web
>> > >> >> >> references that explain it if you can't, surely something that
>> > >> >> >> is
>> > >> >> >> on
>> > >> >> >> the
>> > >> >> >> cutting edge of technology will have many web sites trying to
>> > >> >> >> promote
>> > >> >> >> it,
>> > >> >> >> or
>> > >> >> >> sell antennas based on this design.
>> > >> >> >
>> > >> >>
>> > >> >
>> >

4012. Re: Space modulation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 10:13:10 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <929hh.768$3v6.353@bignews8.bellsouth.net>
Source record: 47887

"Roy Lewallen" <w7el@eznec.com> wrote in message
news:12o4scrrqvk4bac@corp.supernews.com...
> Imagine that you have a highly directional transmitting antenna and you
> spin it at, say, 100 revolutions per second. What would a listener at a
> fixed location hear? He would hear a 100 Hz (but non-sinusoidal) amplitude
> modulated signal rather than a constant amplitude CW tone. The shape of
> the modulation envelope would be dictated by the shape of the antenna
> pattern. The spectral content, i.e., sidebands, of the received signal
> would be the same as if the wave had been amplitude modulated by
> conventional means to produce the same waveshape.
>
> I think that's what they mean.
>
> Roy Lewallen, W7EL
>
> Jimmie D wrote:
>> I was going through some FAA course material on Instument Landing Systems
>> and the term SPACE MODULATION was mentioned several times. What the heck
>> is this. From what I gather signals modulate each other out in space
>> without benifit of any nonlinear device. I personally beleave this cannot
>> happen but here is a reference to an FAA document.I assume they know what
>> they are talking about.
>>
>> Abstract : The report describes an investigation into the cause of
>> incompatibility between ground and airborne measurements of VOR space
>> modulation when using the latest flight inspection receiver, FA-4165:3A.
>> The effort included a survey of the existing procedures and equipment
>> used throughout the FAA, an evaluation of the ground measurement
>> technique, and an evaluation of the airborne measurement technique. The
>> result of the investigation identified problem areas with both the ground
>> and airborne techniques.
>>
>> I suspect that space modulation is more of a concept used to more easily
>> understand/teach the operation of ILS systems and that actual modulation
>> takes place in the receiver.
>>
>> Jimmie
Roy I can kind of see this in a VOR with its rotating antenna but in ILS
systems(glideslopes and localizers) there is no moving antenna. They talk
about AM sidebands being formed due to space modulation.

4013. Re: 1296 eggbeater

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 10:20:07 UTC
From: ml <m@di.net>
Message-ID: <m-CB0DB7.05200317122006@news.verizon.net>
Source record: 47886

In article <Czbgh.100$qb2.59@newsfe12.lga>,
"Rick" <ricknj10@hotmail.com> wrote:

> > so what happend at that band that makes a eggbeater
> > 'poor'/inefficient??
>
> Most users find they need 20 db gain, just to get out of their backyard.
>
> Rick K2XT

ok thanks all i over looked the obviious , thought it might have some
use for testing or what ever but if you need 20 to '''get out of the
backyard'''' :) it says it all

thanks

4014. Re: A request for guidance from academics

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 13:09:02 UTC
From: nm5k@wt.net
Message-ID: <1166360941.947709.64790@t46g2000cwa.googlegroups.com>
Source record: 47888

Jimmie D wrote:
> <nm5k@wt.net> wrote in message
> news:1166333510.680957.148900@t46g2000cwa.googlegroups.com...

That was a quiver in the force.. I had hit the wrong button and sent
the post by mistake. I deleted it at once, but I guess your server
got it anyway. I didn't actually have any comment on the subject
matter. My cat has mittens when it comes to this "new fangled" miracle
whip antenna theory.
MK

4015. Hustler 5-BTV

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 15:18:37 UTC
From: Edward Lewis <kq6dx@pacbell.net>
Message-ID: <gcnao215oga1k66e8rmfsbqhrtfjoeffof@4ax.com>
Source record: 47889

I am installing a Hustler 5-BTV vertical. The Traps all have plugs in the top end and are color coded to the band. orange for 10 meters, red for 15 meters and green for 20m meters, The plugs are made from material that looks like a spong the installion manual says nothung about them. Are they supposed to be removed or not

4016. "Mark C Morgan" Is What Happens When The Short Yellow Bus Takes A Detour

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 15:42:28 UTC
From: K4YZ <stevenrobeson@aol.com>
Message-ID: <1166370148.512571.280690@73g2000cwn.googlegroups.com>
Source record: 47890
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

Mark@kb9rqz.aprs wrote:
> Morkie, I will conceed that you know two things that I will never
> know...What it's like to lick my excrement off of another man's
> genitals, and the going welfare rates in Michigan. steve goes claiming
> othermen eat his #####

KB9RQZ demonstrating his lack of English comprehension skills.

> stop the lying stop the vandalism and stop the bull at this point my
> server say you have post 8o plus itme titled with #### or a synoym in
> the title

You're looking in a mirror, fatboy. Those are all YOUR posts.

> stop lying syaing I eat your ####

I never said you did.

> stop lying about being miiss quoted

You ARE misquoting me. Over and over.

> get a life and get help since you are clearly obessed with staking a
> man sexualy

I have a life. It's called employment. You wouldn't know about
that, would you?

And what is "obessed"...?!?! And "staking" a man sexualy"..?!?!

> the truth I trick you in 1998 when you threnting to MURDER me

You can't trick your way out of a paper bag, fatboy, and I never
threatened to murder you.

And further retelling of same is yet another lie.

> stop this whining and face facts you are the one that is sick with
> your obesstion for ####

What's an "obesstion"?

If you meant OBSESSION, then you're talking to yourself since YOU
keep requoting it over and over and using that word blatantly.

> the ruth is you are truly MAD robeson get help

The 'ruth" is...?!?!

I don't know anyone named Ruth in my family.

> and please stop the lie I have seen that you are doing ANYTHING for my
> benifit

You mean your BENEFIT...?!?!

I keep hoping that you'll wake up and realize what a fool you're
making of yourself one day. One can always hope.

> and stop lying about the ToS of Google they expressly prohibit your
> cyvervandalism

What is "cyvervandalism"...?!?!

> and stop lying about my Military service I have my DD 214 as I guess
> you do likely yours list section 8 as reason for discharge

The only thing you ever serviced in the military was a drunk
soldier through a knothole in the latrine.

Steve, K4YZ

4017. steve robeson bashes the disabled for fun

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 17:23:45 UTC
From: Mark@kb9rqz.aprs
Message-ID: <v5vao2hadc7bju8a7e7p9lgbt02r0cp5b4@4ax.com>
Source record: 47891
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

On 17 Dec 2006 07:42:28 -0800, "K4YZ" <stevenrobeson@aol.com>
wrote:Re: "Mark C Morgan" Is What Happens When The Short Yellow Bus
Takes A Detour

stop being such absolute horror of a human being

you have admited you post this way becuase it entertains like you were
posting at one the RAPE was funny too
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4018. Re: Space modulation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 18:29:25 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <t72bo2d0p18s0g9s523lrkvpe18b62hbdq@4ax.com>
Source record: 47892

On Sun, 17 Dec 2006 05:13:10 -0500, "Jimmie D"
<jimmiedee@bellsouth.net> wrote:

>Roy I can kind of see this in a VOR with its rotating antenna but in ILS
>systems(glideslopes and localizers) there is no moving antenna. They talk
>about AM sidebands being formed due to space modulation.

Hi Jimmie,

I worked on this gear, and more, 30 years ago. Any discussion of
space was physical space. I was involved only with the
instrumentation, but the system specification is characterized in
terms of "signal-in-space." As such, the modulations vary by the
aircraft's position in airspace. This can be in terms of distance,
bearing, slope, or path. In some regions of space, the modulations
change from dash to dash-dot to dots. Shared with these are phase
relationships in both modulation and beam coverage. Testing of these
system parameters is tightly controlled so as to not create
hazardously misleading information to general aviation.

73's
Richard Clark, KB7QHC

4019. Re: Space modulation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 18:59:08 UTC
From: nonoise <"william_warren_nonoise\\@speakeasy.(nonoise)net">
Message-ID: <KqKdnW8PCNjhDhjYnZ2dnUVZ_hm3nZ2d@speakeasy.net>
Source record: 47893

Richard Clark wrote:
> On Sun, 17 Dec 2006 05:13:10 -0500, "Jimmie D"
> <jimmiedee@bellsouth.net> wrote:
>
>> Roy I can kind of see this in a VOR with its rotating antenna but in ILS
>> systems(glideslopes and localizers) there is no moving antenna. They talk
>> about AM sidebands being formed due to space modulation.
>
> Hi Jimmie,
>
> I worked on this gear, and more, 30 years ago. Any discussion of
> space was physical space. I was involved only with the
> instrumentation, but the system specification is characterized in
> terms of "signal-in-space." As such, the modulations vary by the
> aircraft's position in airspace. This can be in terms of distance,
> bearing, slope, or path. In some regions of space, the modulations
> change from dash to dash-dot to dots. Shared with these are phase
> relationships in both modulation and beam coverage. Testing of these
> system parameters is tightly controlled so as to not create
> hazardously misleading information to general aviation.

OM,

I'd appreciate any pointers you have to the FAA reference material that defines "Space Modulation". Google shows only links to lists of training courses that the FAA conducts, and references to "Pulse space modulation", which I assume is a different thing.

TIA.

73,

William

(No cc: of ng posts needed, thanks)

--
A little learning is a dang'rous thing;
Drink deep, or taste not the Pierian spring;
There shallow draughts intoxicate the brain,
And drinking largely sobers us again.
-- Alexander Pope, Essay on Criticism

4020. Manual for Douglas Microwave Company Wattmeter

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 19:00:47 UTC
From: N8GNI <N8GNI.2iz8d4@news.radiobanter.com>
Message-ID: <N8GNI.2iz8d4@news.radiobanter.com>
Source record: 47895

Hi
I'm looking for an online source for a manual for a Douglas Microwave
Company Wattmeter, TS-1285/URM-120. User or service manul will help.
TIA
Harry
N8GNI

--
N8GNI

4021. Re: Space modulation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 20:02:01 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12ob8hk417gs8d0@corp.supernews.com>
Source record: 47894

nonoise wrote:
> Richard Clark wrote:
>
>> On Sun, 17 Dec 2006 05:13:10 -0500, "Jimmie D"
>> <jimmiedee@bellsouth.net> wrote:
>>
>>> Roy I can kind of see this in a VOR with its rotating antenna but in
>>> ILS systems(glideslopes and localizers) there is no moving antenna.
>>> They talk about AM sidebands being formed due to space modulation.
>>
>>
>> Hi Jimmie,
>>
>> I worked on this gear, and more, 30 years ago. Any discussion of
>> space was physical space. I was involved only with the
>> instrumentation, but the system specification is characterized in
>> terms of "signal-in-space." As such, the modulations vary by the
>> aircraft's position in airspace. This can be in terms of distance,
>> bearing, slope, or path. In some regions of space, the modulations
>> change from dash to dash-dot to dots. Shared with these are phase
>> relationships in both modulation and beam coverage. Testing of these
>> system parameters is tightly controlled so as to not create
>> hazardously misleading information to general aviation.
>
>
> OM,
>
> I'd appreciate any pointers you have to the FAA reference material that
> defines "Space Modulation". Google shows only links to lists of training
> courses that the FAA conducts, and references to "Pulse space
> modulation", which I assume is a different thing.
>
> TIA.
>
> 73,
>
> William
>
> (No cc: of ng posts needed, thanks)
>
Do a GOOGLE search on "Space Modulation" You will find the occasional
pearl among the trash. There is an article about VOR's and Space
Modulation.
What follows is exactly what I understood about the contents: THE, AND, etc.

In other words nothing. HI HI...

Dave N

4022. 2 meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 20:22:36 UTC
From: merlin-7 <merlin-7@sc.rr.com>
Message-ID: <4585a740$0$18095$4c368faf@roadrunner.com>
Source record: 47896

I have been looking for a 2-meter yagi, around 10dbi gain or better, that can handle 100 watts for around $100.00.
I was looking at the hy-gain vb-28fm but I do not know anything about this antenna?

Thoughts, suggestions ?

Thanks joe

4023. Mark Morgan's father sodomises Markie for fun

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 20:36:02 UTC
From: Not Cocksucker Lloyd <not_time_turd_lloyd@yahoo.com>
Message-ID: <1166387762.369553.297610@73g2000cwn.googlegroups.com>
Source record: 47897
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

Mark@kb9rqz.aprs wrote:
> On 17 Dec 2006 07:42:28 -0800, "K4YZ" <stevenrobeson@aol.com>
> wrote:Re: "Mark C Morgan" Is What Happens When The Short Yellow Bus
> Takes A Detour
>
>
> stop being such absolute horror of a human being
>
> you have admited you post this way becuase it entertains like you were
> posting at one the RAPE was funny too

You are the one who claimed to enjoy being raped, Marqueer.

BTW, what happened to your statement that if they drop the code you
were out of here for good? Looks like you lied again!

4024. Re: 2 meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 20:37:10 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <em49pquup1@aioe.org>
Source record: 47898

merlin-7 wrote:
> I have been looking for a 2-meter yagi, around 10dbi gain or better, that
> can handle 100 watts for around $100.00.
> I was looking at the hy-gain vb-28fm but I do not know anything about this
> antenna?
>
> Thoughts, suggestions ?
>
> Thanks joe
>
>

Nothing like the manual to provide some details:
http://www.hy-gain.com/man/pdf/VB-28FM.pdf

-OR-

Grab some tubing and make one? Industrial recycling yard is cheap
materials. Aluminum irrigation pipe (agricultural outlets a good
source) serves as good construction material, comes in different gauges
for strength.

JS

4025. Re: A bad day for Mr. SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 20:54:48 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <ckbbo29rv6eit17n1l8kthfjdei30mebtg@4ax.com>
Source record: 47899

Please folks, do not reply to these off topic posts.

If these idiots never get any replies, they will eventually give up
and go away.

Thanks,

Bill, W6WRT

4026. Re: A moment of silence my friends for a silent key.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 20:55:25 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <blbbo25epdssnp6sk1g1ss5sc3dmuc0007@4ax.com>
Source record: 47900
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Please folks, do not reply to these off topic posts.

If these idiots never get any replies, they will eventually give up
and go away.

Thanks,

Bill, W6WRT

4027. Re: A Moment To Appeciate a Good Thing.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 20:55:48 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <ambbo21v988aql9jo79tk471rrc7kqqqpl@4ax.com>
Source record: 47901

Please folks, do not reply to these off topic posts.

If these idiots never get any replies, they will eventually give up
and go away.

Thanks,

Bill, W6WRT

4028. looking for 2-meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 20:58:07 UTC
From: merlin-7 <merlin-7@sc.rr.com>
Message-ID: <4585af93$0$18065$4c368faf@roadrunner.com>
Source record: 47902

I have been looking for a 2-meter yagi, around 10dbi gain or better, that
can handle 100 watts for around $100.00.
I was looking at the hy-gain vb-28fm but I do not know anything about this
antenna?

Thoughts, suggestions ?

Thanks joe

4029. Re: looking for 2-meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 21:07:47 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <em4bj7uup3@aioe.org>
Source record: 47903

merlin-7 wrote:
> I have been looking for a 2-meter yagi, around 10dbi gain or better, that
> can handle 100 watts for around $100.00.
> I was looking at the hy-gain vb-28fm but I do not know anything about this
> antenna?
>
> Thoughts, suggestions ?
>
> Thanks joe
>
>

Think I would feed the it though a gamma match and 1:1 balun, or a few
turns of coax replacing the balun ...

JS

4030. Re: Space modulation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 21:23:32 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <e6cbo21a160k9glboud5kjj8romo2rutfg@4ax.com>
Source record: 47904

On Sun, 17 Dec 2006 13:59:08 -0500, nonoise
<""william_warren_nonoise\"@speakeasy.(nonoise)net"> wrote:

>FAA reference material that
>defines "Space Modulation"

Hi William,

There is no definition because it isn't part of the argot. The point
of my posting is that the Space of Space Modulation is physical space,
an area or volume in the flight path where all signals are targeted.
This is not about mixing, non-linear or otherwise. It is also not
about modulation waveforms except in how they are intercepted and
recognized by existing equipment (and thus giving rise to HMI,
hazardously misleading information).

It is not that there is anything "in" space that is doing any
modulation. There is nothing inherent "about" space that affects
modulation. Space itself does not modulate. There is no modulation
that requires space to complete it (except in the classic sense of
propagation).

There is VOR space.
There is ILS space.
There is TACAN space.
and on and on and on. Each is overlapping modulation in ostensibly
the same space. Thus we have VOR space Modulation....

73's
Richard Clark, KB7QHC

4031. Re: Manual for Douglas Microwave Company Wattmeter

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 21:25:55 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <lbdbo21dddsq7qghdu1v6g3qt07u22ahf6@4ax.com>
Source record: 47905

On Sun, 17 Dec 2006 19:00:47 +0000, N8GNI
<N8GNI.2iz8d4@news.radiobanter.com> wrote:

>
>Hi
>I'm looking for an online source for a manual for a Douglas Microwave
>Company Wattmeter, TS-1285/URM-120. User or service manul will help.
>TIA

Hi Harry,

I used to calibrate these units. Not much service manual to speak of
as the circuitry is fairly straight forward and adjustment is too.

Short of a copy of a manual, any questions I could answer?

73's
Richard Clark, KB7QHC

4032. Re: 2 meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 21:44:00 UTC
From: merlin-7 <merlin-7@sc.rr.com>
Message-ID: <4585ba54$0$18096$4c368faf@roadrunner.com>
Source record: 47907

Thanks JS, I have seen the manual but what its says and how well it stands
up to weather etc. are two different things (as you know I'm sure)
I have a shed full of JUNK that looked good when I bought it but either,
did not hold up or did not perform well.
joe
"John Smith" <assemblywizard@gmail.com> wrote in message
news:em49pquup1@aioe.org...
> merlin-7 wrote:
> > I have been looking for a 2-meter yagi, around 10dbi gain or better,
that
> > can handle 100 watts for around $100.00.
> > I was looking at the hy-gain vb-28fm but I do not know anything about
this
> > antenna?
> >
> > Thoughts, suggestions ?
> >
> > Thanks joe
> >
> >
>
> Nothing like the manual to provide some details:
> http://www.hy-gain.com/man/pdf/VB-28FM.pdf
>
> -OR-
>
> Grab some tubing and make one? Industrial recycling yard is cheap
> materials. Aluminum irrigation pipe (agricultural outlets a good
> source) serves as good construction material, comes in different gauges
> for strength.
>
> JS

4033. Re: looking for 2-meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 21:51:26 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <em4e52$9qi$1@aioe.org>
Source record: 47908

Owen Duffy wrote:
> ...

Although getting rare, stainless eyebolts, etc. can be had around hardware stores catering to fishermen running fishing boats out of small harbors. Been years now since I have went shopping for 'em though.

With aluminum rod and some thread cutting dies, a guy could craft his own to handle light loads.

Regards,
JS

4034. Re: looking for 2-meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 21:51:44 UTC
From: Owen Duffy <none@no.where>
Message-ID: <Xns989D586A2BB0Bnonenowhere@61.9.191.5>
Source record: 47906

"merlin-7" <merlin-7@sc.rr.com> wrote in
news:4585af93$0$18065$4c368faf@roadrunner.com:

> I have been looking for a 2-meter yagi, around 10dbi gain or better,
> that can handle 100 watts for around $100.00.
> I was looking at the hy-gain vb-28fm but I do not know anything about
> this
> antenna?
>
> Thoughts, suggestions ?

I have a VB-214 that was a major disappointment. The eyebolts that secure the elements didn't last two years before they were all quite rusted.

When I tried to buy a replacement set, I couldn't get a firm price (including shipping) from MFJ.

Here is how I fixed it (albeit with a lot of labour): http://www.vk1od.net/VB214/index.htm . From that page:

The lessons learned:

* this Hy-gain antenna had a very short service life because of corrosion of plated steel parts used in its construction;
* replacement parts were not readily available to an Australian buyer;
* it took longer to manufacture the replacement parts to suit the existing antenna than it would have taken to make an antenna of a better design from scratch; and
* critically assess the maintenance issues (eg steel components) of an antenna of this type before purchase.

I don't know if they have changed their construction materials, I won't take the risk on another Hy-Gain.

Owen

4035. Re: Hustler 5-BTV

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 21:54:08 UTC
From: wintersolem <wintersolem@bellsouth.net>
Message-ID: <40jhh.1294$U12.1256@bignews1.bellsouth.net>
Source record: 47909

Had the same on my 6-BTV-- just leave them in.

Mark
WB5NMZ

"Edward Lewis" <kq6dx@pacbell.net> wrote in message
news:gcnao215oga1k66e8rmfsbqhrtfjoeffof@4ax.com...
I am installing a Hustler 5-BTV vertical. The Traps all have plugs in
the top end and are color coded to the band. orange for 10 meters, red
for 15 meters and green for 20m meters, The plugs are made from
material that looks like a spong the installion manual says nothung
about them. Are they supposed to be removed or not

4036. Re: Wismen's father sodomises Roger for fun

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 22:18:26 UTC
From: Mark@kb9rqz.aprs
Message-ID: <bfgbo21f84km5olb5qtq26p058u3fvvo5b@4ax.com>
Source record: 47910
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

On 17 Dec 2006 12:36:02 -0800, "Not Cocksucker Lloyd"
<not_time_turd_lloyd@yahoo.com> wrote:

>
>Mark@kb9rqz.aprs wrote:
>> On 17 Dec 2006 07:42:28 -0800, "K4YZ" <stevenrobeson@aol.com>
>> wrote:Re: "Mark C Morgan" Is What Happens When The Short Yellow Bus
>> Takes A Detour
>>
>>
>> stop being such absolute horror of a human being
>>
>> you have admited you post this way becuase it entertains like you were
>> posting at one the RAPE was funny too
>
>You are the one who claimed to enjoy being raped, Marqueer.

lying again woger
>
>BTW, what happened to your statement that if they drop the code you
>were out of here for good? Looks like you lied again!

woger I said I would leave when I could sign kb9rqz/ae

can't do that yet

but you can't tell the truth
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4037. Re: looking for 2-meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 22:35:22 UTC
From: Owen Duffy <none@no.where>
Message-ID: <Xns989D5FD00F323nonenowhere@61.9.191.5>
Source record: 47911

John Smith <assemblywizard@gmail.com> wrote in
news:em4e52$9qi$1@aioe.org:

> Owen Duffy wrote:
> > ...
>
> Although getting rare, stainless eyebolts, etc. can be had around
> hardware stores catering to fishermen running fishing boats out of
> small harbors. Been years now since I have went shopping for 'em
> though.
>
> With aluminum rod and some thread cutting dies, a guy could craft his
> own to handle light loads.
>

But a smarter man might either buy a better antenna or build a better antenna, depending on his needs and capability. I bought the VB-214 having just moved and my workshop was 300km away. Today I would build one, but that depends on an individual's capability.

One could build an antenna from the ground up more easily than repairing this one given the difficulty in obtaining spare parts, and use a better boom mounting that either soundly bonds the element to the boom, or easier, reliably insulates the element from the boom.

If Joe is interested in construction, Google around for articles describing element attachment using heat shrink tube and hot melt glue for an insulated element that outperforms poorly bonded elements.

BTW, the gain claims for the VB-214 seem on the high side, I don't know if they are reliable, and the same issue may apply to the 8 element version.

Owen

4038. Re: Hustler 5-BTV

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 22:37:18 UTC
From: Owen Duffy <none@no.where>
Message-ID: <Xns989D6024258E6nonenowhere@61.9.191.5>
Source record: 47912

Edward Lewis <kq6dx@pacbell.net> wrote in
news:gcnao215oga1k66e8rmfsbqhrtfjoeffof@4ax.com:

> I am installing a Hustler 5-BTV vertical. The Traps all have plugs in
> the top end and are color coded to the band. orange for 10 meters, red
> for 15 meters and green for 20m meters, The plugs are made from
> material that looks like a spong the installion manual says nothung
> about them. Are they supposed to be removed or not

My recollection is that the manual does mention them.

Don't remove them, you will compromise the weatherproofing of the trap.

Owen

4039. Re: looking for 2-meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 22:55:44 UTC
From: merlin-7 <merlin-7@sc.rr.com>
Message-ID: <4585cb24$0$18081$4c368faf@roadrunner.com>
Source record: 47913

This is the problem I want to avoid, I could build my own but I do not have the time as in the next 6 months or so I will be moveing to NC and most of my time is used up in painting etc. the home I am in now, getting ready to sell it.
I need an antenna that can make contact with some of the repeartes here in SC. (as band conditions permit)
I can, at times, get into some of the NC repeaters on my coliner vertical at 50'. I was hopeing with a good beam at 70' (from NC) that I could increase the odds...
Still looking for a good 2-m beam
Joe

> > I have been looking for a 2-meter yagi, around 10dbi gain or better,
> > that can handle 100 watts for around $100.00.
> > I was looking at the hy-gain vb-28fm but I do not know anything about
> > this
> > antenna?
> >
> > Thoughts, suggestions ?
>
> I have a VB-214 that was a major disappointment. The eyebolts that secure
> the elements didn't last two years before they were all quite rusted.
>
> When I tried to buy a replacement set, I couldn't get a firm price
> (including shipping) from MFJ.
>
> Here is how I fixed it (albeit with a lot of labour):
> http://www.vk1od.net/VB214/index.htm . From that page:
>
> The lessons learned:
>
> * this Hy-gain antenna had a very short service life because of
> corrosion of plated steel parts used in its construction;
> * replacement parts were not readily available to an Australian
> buyer;
> * it took longer to manufacture the replacement parts to suit the
> existing antenna than it would have taken to make an antenna of a better
> design from scratch; and
> * critically assess the maintenance issues (eg steel components) of
> an antenna of this type before purchase.
>
> I don't know if they have changed their construction materials, I won't
> take the risk on another Hy-Gain.
>

> Owen

4040. Re: A bad day for Mr. SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-17 23:54:52 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12obm6r7e2d4896@corp.supernews.com>
Source record: 47914

Bill Turner wrote:
> Please folks, do not reply to these off topic posts.
>
> If these idiots never get any replies, they will eventually give up
> and go away.
>
> Thanks,
>
> Bill, W6WRT

I don't think any of the regular participants in this newsgroup do reply to the disruptive group. Their messages are cross-posted to many newsgroups, and there seems to be a small group of them who keep each other going, plus I'm sure they raise some responses from rra.policy readers. Each of them seems to feel the need to share their unwelcome banter with inappropriate groups such as this one. What we get here is their QRM, due to their lack of courtesy and adult behavior. I don't see any ready cure for it short of moderating the group. Without moderation, any group of bored children can cause a great deal of disruption, and that's what we have here.

Hopefully, though, the situation is just temporary. As the sun spots improve, 11 meter skip will return, so maybe they'll go back to CB where the level of their conversation is more appropriate and appreciated. I always thought that 75 meter phone was the home for this sort of thing, but maybe they don't have ham licenses.

Roy Lewallen, W7EL

4041. Re: Hustler 5-BTV

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 00:13:51 UTC
From: w9gb <spam_protect@arrl.net>
Message-ID: <QbidnbYIUpDcQBjYnZ2dnUVZ_qmpnZ2d@comcast.com>
Source record: 47915

"Edward Lewis" <kq6dx@pacbell.net> wrote in message
news:gcnao215oga1k66e8rmfsbqhrtfjoeffof@4ax.com...
>I am installing a Hustler 5-BTV vertical. The Traps all have plugs in
> the top end and are color coded to the band. orange for 10 meters, red
> for 15 meters and green for 20m meters, The plugs are made from
> material that looks like a spong the installion manual says nothung
> about them. Are they supposed to be removed or not.

Color coding is sometimes the fastest method top identify the trap -- after
year outdoors !

gb

4042. Re: looking for 2-meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 00:31:22 UTC
From: Ralph Mowery <rmowery28146@earthlink.net>
Message-ID: <ujlhh.554$w91.311@newsread1.news.pas.earthlink.net>
Source record: 47916

"merlin-7" <merlin-7@sc.rr.com> wrote in message
news:4585cb24$0$18081$4c368faf@roadrunner.com...
> This is the problem I want to avoid, I could build my own but I do not
> have
> the time as in the next 6 months or so I will be moveing to NC and most of
> my time is used up in painting etc. the home I am in now, getting ready to
> sell it.
> I need an antenna that can make contact with some of the repeartes here in
> SC. (as band conditions permit)
> I can, at times, get into some of the NC repeaters on my coliner vertical
> at 50'. I was hopeing with a good beam at 70' (from NC) that I could
> increase the odds...
> Still looking for a good 2-m beam
> Joe
>

While over your price range you may want to look at the M2 antennas. They make a 9 element beam on a 14.5 foot boom and a smaller one for somewhat less.

http://www.m2inc.com/index2.html

I put up the 9 element around 65 feet with the ssb set of elements (comes with 2 sets of elements and you use the set for the end of the band you want to use). It may pay to spend a little more for a good antenna that will stay up than to replace one in 5 years. The antenna elements mount through the boom on the plastic insulators. If made out of the same kind as the KLM or Rutlan antennas I have used in the past , they should hold up for a long time.

Also don't forget to use some good coax. I used the Bury-flex type. I just don't like the copper coated aluminum of the LMR 400.

4043. Re: looking for 2-meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 02:43:33 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <em4v8p$gq5$1@aioe.org>
Source record: 47917

Owen Duffy wrote:
> John Smith <assemblywizard@gmail.com> wrote in
> news:em4e52$9qi$1@aioe.org:
>
>> Owen Duffy wrote:
>>> ...
>> Although getting rare, stainless eyebolts, etc. can be had around
>> hardware stores catering to fishermen running fishing boats out of
>> small harbors. Been years now since I have went shopping for 'em
>> though.
>>
>> With aluminum rod and some thread cutting dies, a guy could craft his
>> own to handle light loads.
>>
>
> But a smarter man might either buy a better antenna or build a better
> antenna, depending on his needs and capability. I bought the VB-214
> having just moved and my workshop was 300km away. Today I would build
> one, but that depends on an individual's capability.
>
> One could build an antenna from the ground up more easily than repairing
> this one given the difficulty in obtaining spare parts, and use a better
> boom mounting that either soundly bonds the element to the boom, or
> easier, reliably insulates the element from the boom.
>
> If Joe is interested in construction, Google around for articles
> describing element attachment using heat shrink tube and hot melt glue
> for an insulated element that outperforms poorly bonded elements.
>
> BTW, the gain claims for the VB-214 seem on the high side, I don't know
> if they are reliable, and the same issue may apply to the 8 element
> version.
>
> Owen

Most likely, truth in everything you covered there Owen. And you are
correct, I have blown much money on antennas, but never had one work
better than those I constructed myself (and this was true even if they
did not work as well! <grin>)

I have had good luck with antenna construction. Ones own work,
attention to detail and use of excellent materials easily defeat those
antennas made with only a profit in mind.

Warmest regards,
JS

4044. Re: A bad day for Mr. SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 02:58:58 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <em505m$gq5$2@aioe.org>
Source record: 47918

Roy Lewallen wrote:
> ...
> banter with inappropriate groups such as this one. What we get here is
> their QRM, due to their lack of courtesy and adult behavior. I don't see
> any ready cure for it short of moderating the group. Without moderation,
> ...
> Roy Lewallen, W7EL

Right on Roy!

Filth and perversion are difficult and sickening the first time around,
impossible after that ...

Regards,
JS

4045. folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 03:45:01 UTC
From: B29 <micoder@sbcglobal.net>
Message-ID: <19ohh.1040$Gw4.97@newssvr23.news.prodigy.net>
Source record: 47922

Do folded dipoles have better noise rejection than single wire dipoles. I was looking at a drawing one day and realized that they are a dc short. I know loop antennas are very good about noise.

Loop antennas are difficult to install and a folded dipole would be a lot easier.

4046. Re: Manual for Douglas Microwave Company Wattmeter

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 03:51:10 UTC
From: N8GNI <N8GNI.2j05p3@news.radiobanter.com>
Message-ID: <N8GNI.2j05p3@news.radiobanter.com>
Source record: 47921

Richard Clark Wrote:
> On Sun, 17 Dec 2006 19:00:47 +0000, N8GNI
> N8GNI.2iz8d4@news.radiobanter.com wrote:
> -
>
> Hi
> I'm looking for an online source for a manual for a Douglas Microwave
> Company Wattmeter, TS-1285/URM-120. User or service manul will help.
> TIA-
>
> Hi Harry,
>
> I used to calibrate these units. Not much service manual to speak of
> as the circuitry is fairly straight forward and adjustment is too.
>
> Short of a copy of a manual, any questions I could answer?
>
> 73's
> Richard Clark, KB7QHC

Thanks Richard
I understand they can be used as an swr meter, reads forward and
reverse. While looking around today, I found the Army version
AN/URM-120 via Sierra also numbered 164B and called a Bi-Directional
Power Meter. The manual is on BAMA I and downloaded it from there,
There are other contractors also, one being Struthers. Thanks for the
offer.
73
Harry N8GNI

--
N8GNI

4047. Re: RoomCap Antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 06:59:16 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <V0rhh.1450$h_1.1272@bignews6.bellsouth.net>
Source record: 47919

<hb9abx@freesurf.ch> wrote in message
news:1166001183.126019.131450@l12g2000cwl.googlegroups.com...
>
> John Smith mentioned the Microvert antenna, which I know
> very well.
> I made an extensive comparison of the RoomCap (hb9abx)
> against Microvert, and was using the best Microvert available
> (MV-500) for 40m.
> Test at same location, both antennas at same height in
> A-B configaration.
> Test was performed by many rapid changes between the
> two antennas, and the remote station was observing
> the signal strength.
> Result was, that the RoomCap was 2 s-points stronger
> in average, in receiption as well as in transmission.
> Rember that 2 s-points correspond to 12 dB.
> A very clear result.
> 73s
> Felix HB9ABX
>

Its my understanding the microvert is the HF equivalent of a "rubber duck"
antenna.

4048. Re: RoomCap Antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 07:37:07 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <em5gf8kpc1@aioe.org>
Source record: 47920

Jimmie D wrote:
> ...
> Its my understanding the microvert is the HF equivalent of a "rubber duck"
> antenna.
>
>

Microvert is certainly no full wave dipole, but for stealth they are
great. Motorhomes, camping, fishing, trailer courts, beaches, parks,
etc.--they attract little attention when disguised in a sun umbrella
(doesn't have to be functional), badminton pole, flag, etc.

Regards,
JS

4049. Re: looking for 2-meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 13:53:01 UTC
From: John Ferrell <johnferrell@sprintmail.com>
Message-ID: <ut6do2tsm4kk6cjlmkf5eg05ap8rm1kuil@4ax.com>
Source record: 47923

On Sun, 17 Dec 2006 17:55:44 -0500, "merlin-7" <merlin-7@sc.rr.com>
wrote:

>This is the problem I want to avoid, I could build my own but I do not have
>the time as in the next 6 months or so I will be moveing to NC and most of
>my time is used up in painting etc. the home I am in now, getting ready to
>sell it.
> I need an antenna that can make contact with some of the repeartes here in
>SC. (as band conditions permit)
> I can, at times, get into some of the NC repeaters on my coliner vertical
>at 50'. I was hopeing with a good beam at 70' (from NC) that I could
>increase the odds...
> Still looking for a good 2-m beam
> Joe
You may regret the beam for repeater work. I live in the Greensboro
area and have found that even a tower mounted Ringo brings up too many
machines on a given frequency. Just about any tower mounted antenna
will work into the Mt Mitchell machine and there fore SC!

The real wonder of it all is so many repeaters and so little
activity...

John Ferrell W8CCW

4050. Re: 30 helpful hints to help new and No-code hams. Monthly post.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 14:24:05 UTC
From: "H. Adam stevens, NQ5H" <NQ5H@ARRL.net>
Message-ID: <12od946f9ts3d9e@corp.supernews.com>
Source record: 47924
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.policy

"Old Time Ham" <old_fart@curmudgeons.com> wrote in message
news:wIqdnfDAMaMxhuHYnZ2dnUVZ_tTinZ2d@comcast.com...
> Slow Code wrote:
>> The 30 Steps below will help all No-Code Hams, it will also help you to
>> find others just like yourself. These 30 steps should also be added to
>> the
>> present writtens.
>>
>
> Hilarious! I am going to print these out and give them out at the next
> Repeater Group meeting. (which I am forced to attend since it is also the
> local RACES group meeting :-(

This just occurred to me:

No-coders can never be Silent Keys

Just dead mikes

73, H.
NQ5H

4051. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 14:27:41 UTC
From: chuck <nospam@nospam.org>
Message-ID: <1166452140_28839@sp6iad.superfeed.net>
Source record: 47925

B29 wrote:
> Do folded dipoles have better noise rejection than single wire dipoles. I
> was looking at a drawing one day and realized that they are a dc short. I
> know loop antennas are very good about noise.
>
> Loop antennas are difficult to install and a folded dipole would be a lot
> easier.
>
>
>
Try this search:

http://groups.google.com/groups?hl=en&q=folded%20dipole%20noise%20reduction%20dipole&btnG=Google+Search&ie=UTF-8&oe=UTF-8&sa=N&tab=wg
folded dipole noise reduction dipole - Google Groups

Chuck

-----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

4052. recycled trash

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 14:39:49 UTC
From: Mark@kb9rqz.aprs
Message-ID: <ju9do25don3nv95rn8qfimbdb7453qp6hl@4ax.com>
Source record: 47826
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.policy

On Mon, 18 Dec 2006 08:24:05 -0600, "H. Adam stevens, NQ5H"
<NQ5H@ARRL.net> wrote:

>
>"Old Time Ham" <old_fart@curmudgeons.com> wrote in message
>news:wIqdnfDAMaMxhuHYnZ2dnUVZ_tTinZ2d@comcast.com...
>> Slow Code wrote:
>>> The 30 Steps below will help all No-Code Hams, it will also help you to
>>> find others just like yourself. These 30 steps should also be added to
>>> the
>>> present writtens.
>>>
>>
>> Hilarious! I am going to print these out and give them out at the next
>> Repeater Group meeting. (which I am forced to attend since it is also the
>> local RACES group meeting :-(
>
>This just occurred to me:
>
>
>No-coders can never be Silent Keys
some could indeed be silent keys since some do use code

I OTOH will never called an SK except over my dead body :)
>
>Just dead mikes

but I personaly intend to live for ever:)
>
>
>
>
>
>73, H.
>NQ5H
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4053. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 15:14:06 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <2fyhh.123$sR.49@newssvr29.news.prodigy.net>
Source record: 47828

B29 wrote:
> Do folded dipoles have better noise rejection than single wire dipoles?

There's some controversy about that but here's my
take. Folded dipoles receive *electromagnetic noise*
just as well (or just as bad) as ordinary dipoles.
However, IMO, there is one type of noise that is not
as bad on folded dipoles as open-ended dipoles and
that is precipitation static noise defined at:

http://www.atis.org/tg2k/_precipitation_static.html

If a charged particle dumps its charge on the floating
wire of an open-ended bare wire dipole, there is only
one discharge path to the other side of the dipole
or to ground and that is through the transceiver.

However, if a charged particle dumps its charge on
one half of a folded dipole, there are two discharge
paths to the other half of the dipole, one through
the transceiver and one through the antenna wire.
The antenna wire discharge path is usually a lower
impedance than the discharge path through the
transceiver and the entire folded dipole is usually
referenced to ground.

In addition, we know that insulated airplane antennas
are less susceptible to precipitation static than
uninsulated airplane antennas. Folded dipoles are
often made out of insulated transmission line.
--
73, Cecil http://www.w5dxp.com

4054. Re: 30 helpful hints to help new and No-code hams. Monthly post.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 15:14:20 UTC
From: szekeres@pitt.edu
Message-ID: <em6b8d$9gg$1@usenet01.srv.cis.pitt.edu>
Source record: 47827
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.policy

In article <12od946f9ts3d9e@corp.supernews.com>, "H. Adam stevens, NQ5H" <NQ5H@ARRL.net>
wrote:
>
>"Old Time Ham" <old_fart@curmudgeons.com> wrote in message
>news:wIqdnfDAMaMxhuHYnZ2dnUVZ_tTinZ2d@comcast.com...
>> Slow Code wrote:
>>> The 30 Steps below will help all No-Code Hams, it will also help you to
>>> find others just like yourself. These 30 steps should also be added to
>>> the
>>> present writtens.
>>>
>>
>> Hilarious! I am going to print these out and give them out at the next
>> Repeater Group meeting. (which I am forced to attend since it is also the
>> local RACES group meeting :-(
>
>This just occurred to me:
>
>
>No-coders can never be Silent Keys
>
>Just dead mikes
>
>
>
>
>
>
>73, H.
>NQ5H

I guess repeaters in general, whether it GMRS, commercial, or Ham, will still
use CW identifiers, they even use it on satellites.. It seems strange, but it
will be that way for a long time.

greg

N6GS

4055. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 15:20:09 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Jkyhh.124$sR.116@newssvr29.news.prodigy.net>
Source record: 47829

chuck wrote:
> Try this search:
> http://groups.google.com/groups?hl=en&q=folded%20dipole%20noise%20reduction%20dipole&btnG=Google+Search&ie=UTF-8&oe=UTF-8&sa=N&tab=wg
> folded dipole noise reduction dipole - Google Groups

This posting of yours is at the top of the list. :-)
--
73, Cecil http://www.w5dxp.com

4056. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 15:21:45 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <dmyhh.126$sR.112@newssvr29.news.prodigy.net>
Source record: 47830

Cecil Moore wrote:
> Folded dipoles receive *electromagnetic noise*
> just as well (or just as bad) as ordinary dipoles.

Sorry, that should be *electromagnetic wave noise*.
--
73, Cecil http://www.w5dxp.com

4057. Re: 30 helpful hints to help new and No-code hams. Monthly post.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 16:25:12 UTC
From: "John S." <hjsjms@cs.com>
Message-ID: <1166459112.916978.178480@48g2000cwx.googlegroups.com>
Source record: 47831
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.policy

H. Adam stevens, NQ5H wrote:
> "Old Time Ham" <old_fart@curmudgeons.com> wrote in message
> news:wIqdnfDAMaMxhuHYnZ2dnUVZ_tTinZ2d@comcast.com...
> > Slow Code wrote:
> >> The 30 Steps below will help all No-Code Hams, it will also help you to
> >> find others just like yourself. These 30 steps should also be added to
> >> the
> >> present writtens.
> >>
> >
> > Hilarious! I am going to print these out and give them out at the next
> > Repeater Group meeting. (which I am forced to attend since it is also the
> > local RACES group meeting :-(
>
> This just occurred to me:
>
>
> No-coders can never be Silent Keys
>
> Just dead mikes

Listening to the bands these days I have come to the conclusion that
many Keys have indeed become Silent although they are not physically
dead.

And yes, when more code operators die they are just as dead as any
other amateur radio operator who has passed away.

4058. Re: Manual for Douglas Microwave Company Wattmeter

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 16:35:07 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <ungdo2ttbohmuki3q0r9m5drh5ekg3qrov@4ax.com>
Source record: 47833

On Mon, 18 Dec 2006 03:51:10 +0000, N8GNI
<N8GNI.2j05p3@news.radiobanter.com> wrote:

>I understand they can be used as an swr meter, reads forward and
>reverse.

Hi Harry,

Take heart that you've got an instrument that is superior in every
respect to the common Bird.

73's
Richard Clark, KB7QHC

4059. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 16:35:34 UTC
From: Allodoxaphobia <bit-bucket@config.com>
Message-ID: <slrneodgqm.22cl.bit-bucket@shell.config.com>
Source record: 47832

On Mon, 18 Dec 2006 15:14:06 GMT, Cecil Moore wrote:
> B29 wrote:
>> Do folded dipoles have better noise rejection than single wire dipoles?
>
<rain static discussion>
> However, if a charged particle dumps its charge on
> one half of a folded dipole, there are two discharge
> paths to the other half of the dipole, one through
> the transceiver and one through the antenna wire.

Three discharge paths --- if the folded dipole is grounded to a boom or mast at the center point of its 'unbroken' side. (As is common with a number of VHF yagis that employ folded (tubing) dipoles as the driven element.)

It's my unscientific, unmeasured observation that my 2M yagi with a folded dipole is bothered less by rain/snow static than my 6M, 'traditional dipole' yagi.

Jonesy
--
Marvin L Jones | jonz | W3DHJ | linux
38.24N 104.55W | @ config.com | Jonesy | OS/2
*** Killfiling google posts: <http//jonz.net/ng.htm>

4060. Re: 30 helpful hints to help new and No-code hams. Monthly post.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 16:58:04 UTC
From: Radiosrfun <Radiosrfun@radiosrfun.com>
Message-ID: <4586c899$0$27432$ecde5a14@news.coretel.net>
Source record: 47834
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.policy

```
"John S." <hjsjms@cs.com> wrote in message
news:1166459112.916978.178480@48g2000cwx.googlegroups.com...
>
> H. Adam stevens, NQ5H wrote:
>> "Old Time Ham" <old_fart@curmudgeons.com> wrote in message
>> news:wIqdnfDAMaMxhuHYnZ2dnUVZ_tTinZ2d@comcast.com...
>> > Slow Code wrote:
>> >> The 30 Steps below will help all No-Code Hams, it will also help you
>> >> to
>> >> find others just like yourself. These 30 steps should also be added to
>> >> the
>> >> present writtens.
>> >>
>> >
>> > Hilarious! I am going to print these out and give them out at the next
>> > Repeater Group meeting. (which I am forced to attend since it is also
>> > the
>> > local RACES group meeting :-(
>>
>> This just occurred to me:
>>
>>
>> No-coders can never be Silent Keys
>>
>> Just dead mikes
>
> Listening to the bands these days I have come to the conclusion that
> many Keys have indeed become Silent although they are not physically
> dead.
>
> And yes, when more code operators die they are just as dead as any
> other amateur radio operator who has passed away.
>

FWIW - when one "presses the mic button to talk" - they are considered to be
"KEYING" the mic. Therefore - anyone who is a ham - be they a "code" key
user OR "key" a mic - would still pass as a "silent "key" "
The code is GONE - there is nothing we can do about its demise - so lets
start PROMOTING decent Radio Skills - beginning with the vanishment of
insulting amongst the ranks first off - and those who "might" be considering
coming into the hobby.
```

4061. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 17:17:38 UTC
From: chuck <nospam@nospam.org>
Message-ID: <1166462340_29415@sp6iad.superfeed.net>
Source record: 47835

Cecil Moore wrote:
> B29 wrote:
>> Do folded dipoles have better noise rejection than single wire dipoles?
>
> There's some controversy about that but here's my
> take. Folded dipoles receive *electromagnetic noise*
> just as well (or just as bad) as ordinary dipoles.
> However, IMO, there is one type of noise that is not
> as bad on folded dipoles as open-ended dipoles and
> that is precipitation static noise defined at:
>
> http://www.atis.org/tg2k/_precipitation_static.html
>
> If a charged particle dumps its charge on the floating
> wire of an open-ended bare wire dipole, there is only
> one discharge path to the other side of the dipole
> or to ground and that is through the transceiver.

Hello Cecil,

It is not certain that there will be a "discharge" (i.e., a change from a charged state to a neutral one) at all. One possibility is that charges on the wire will simply redistribute themselves after the addition of a new charge. It also depends, obviously, on whether the charged particle is of the same polarity as the preponderance of charges that may already be on the antenna. My pet hypothesis is that these charge redistributions cause changing magnetic fields which appear as noise impulses in the receiver.

Remember from electrostatics that a grounded conductor, such as a tower or an antenna, may not be at ground potential due to induction caused by a cloud of oppositely charged particles, alien space ships, or whatever charge concentration is in the vicinity of the conductor. Even though the conductor is grounded! Of course, when the influence departs, the grounded conductor returns to is neutral status.

Make sense? ;-)

Chuck

>
> However, if a charged particle dumps its charge on
> one half of a folded dipole, there are two discharge
> paths to the other half of the dipole, one through
> the transceiver and one through the antenna wire.
> The antenna wire discharge path is usually a lower

> impedance than the discharge path through the
> transceiver and the entire folded dipole is usually
> referenced to ground.
>
> In addition, we know that insulated airplane antennas
> are less susceptible to precipitation static than
> uninsulated airplane antennas. Folded dipoles are
> often made out of insulated transmission line.

-----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

4062. try just being helpful

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 17:25:48 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1166462748.226885.121890@f1g2000cwa.googlegroups.com>
Source record: 47836
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.policy

Radiosrfun wrote:
> "John S." <hjsjms@cs.com> wrote in message
> news:1166459112.916978.178480@48g2000cwx.googlegroups.com...
> >

> FWIW - when one "presses the mic button to talk" - they are considered to be
> "KEYING" the mic. Therefore - anyone who is a ham - be they a "code" key
> user OR "key" a mic - would still pass as a "silent "key" "
> The code is GONE - there is nothing we can do about its demise - so lets
> start PROMOTING decent Radio Skills - beginning with the vanishment of
> insulting amongst the ranks first off - and those who "might" be considering
> coming into the hobby.
well said indeed althought still maintiain I will an SK only over my
dead body

and Intend for that never to happen even have a plan to carry it out
chinese say "man who finishes house dies" therefore I will never quite
finish my home and live forever

but seriously the attiudes and "proCoders" were one of the biggest
things working in favor of NoCode

Code use is now in the hands it should be in those that suport it .
well on second even I, and I do hate the mode personaly would wish it a
better fate than its supports are likely to contrive but for good or
ill it their problem not mine

but insulting those you are requiting ro seeking to convince was never
a good idea I hope they learn that soon

4063. Re: Tuning angle of groundplane antenna.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 18:45:38 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <6nBhh.1661$%e7.117@bignews2.bellsouth.net>
Source record: 47837

"Roy Lewallen" <w7el@eznec.com> wrote in message
news:12o4r35sr5q669b@corp.supernews.com...
> Scott wrote:
>> I've always drooped my (VHF and UHF) radials at 45 degrees and they have
>> always worked OK.
>
> A droop of 45 degrees brings the impedance at resonance very close to 50
> ohms. EZNEC example file VHFGP.EZ has 45 degree drooping radials. At
> resonance (around 142.2 MHz), the input resistance is about 51.4 ohms.
>
> Roy Lewallen, W7EL

I heard once it is the sin of the angle times the impedance of a dipole.
Not sure if it is correct but it works for 50 ohms OK. Also heard that if
divide the sine of the angle inot the impedance of a 1/4wl antenna with
ground plane at right angles to the antenna it also works. Again maybe just
for 50 ohms. Might be fun to check out with EZNEC.

Jimmie

4064. Re: looking for 2-meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 19:09:33 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <xJBhh.1671$%e7.1316@bignews2.bellsouth.net>
Source record: 47838

"John Ferrell" <johnferrell@sprintmail.com> wrote in message
news:ut6do2tsm4kk6cjlmkf5eg05ap8rm1kuil@4ax.com...
> On Sun, 17 Dec 2006 17:55:44 -0500, "merlin-7" <merlin-7@sc.rr.com>
> wrote:
>
>>This is the problem I want to avoid, I could build my own but I do not
>>have
>>the time as in the next 6 months or so I will be moveing to NC and most of
>>my time is used up in painting etc. the home I am in now, getting ready to
>>sell it.
>> I need an antenna that can make contact with some of the repeartes here
>> in
>>SC. (as band conditions permit)
>> I can, at times, get into some of the NC repeaters on my coliner vertical
>>at 50'. I was hopeing with a good beam at 70' (from NC) that I could
>>increase the odds...
>> Still looking for a good 2-m beam
>> Joe
> You may regret the beam for repeater work. I live in the Greensboro
> area and have found that even a tower mounted Ringo brings up too many
> machines on a given frequency. Just about any tower mounted antenna
> will work into the Mt Mitchell machine and there fore SC!
>
> The real wonder of it all is so many repeaters and so little
> activity...
>
> John Ferrell W8CCW

What you are looking to do is more effected by antenna hiegth than gain. I live on the NC/SC border and 25 watts into a vertical will get me full quieting into most reapaters within my horizon,. more power or gain doesnt help much. The Mt Mitchell Machine ROCKS. Was involved in a ragchew one night with guys from 7 or 8 different states at least.

4065. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 20:17:51 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <PHChh.34708$wP1.13933@newssvr14.news.prodigy.net>
Source record: 47839

chuck wrote:
> It is not certain that there will be a "discharge" (i.e., a change from
> a charged state to a neutral one) at all. Make sense? ;-)

I may be using the wrong word. By "discharge", I
didn't mean to imply that it would go to a neutral
state, just that a concentrated charge deposited
at a point on a conductor will be redistributed
over the entire conductor.
--
73, Cecil http://www.w5dxp.com

4066. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 20:37:17 UTC
From: chuck <nospam@nospam.org>
Message-ID: <1166474318_30675@sp6iad.superfeed.net>
Source record: 47840

Cecil Moore wrote:
> chuck wrote:
>> It is not certain that there will be a "discharge" (i.e., a change
>> from a charged state to a neutral one) at all. Make sense? ;-)
>
> I may be using the wrong word. By "discharge", I
> didn't mean to imply that it would go to a neutral
> state, just that a concentrated charge deposited
> at a point on a conductor will be redistributed
> over the entire conductor.

I do wonder whether alternatively the noise is not arcing or coronal
discharges caused by the buildup of these high potentials on an antenna.
An insulated antenna would resist charging and if charged, would have
less opportunity to discharge by arcing. The arcing could actually occur
in the receiver.

I have noticed that the precipitation static I sometimes hear sounds
very much like sand/dirt particles striking a glass window in a blow.
Data consistent with either hypothesis, I guess.

Chuck

-----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

4067. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 20:58:32 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12oe07terpl1h59@corp.supernews.com>
Source record: 47841

If you think a DC short will reduce noise, why not just put an RF choke
or moderate value resistor across the feedline conductors of a
conventional dipole?

Roy Lewallen, W7EL

B29 wrote:
> Do folded dipoles have better noise rejection than single wire dipoles. I
> was looking at a drawing one day and realized that they are a dc short. I
> know loop antennas are very good about noise.
>
> Loop antennas are difficult to install and a folded dipole would be a lot
> easier.
>
>
>

4068. Re: OK. It's DONE. Pack up your things and go home.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 21:31:06 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <458708d6$0$16147$4fafbaef@reader3.news.tin.it>
Source record: 47842

<n3ox.dan@gmail.com> ha scritto nel messaggio
news:1166292485.966082.23590@n67g2000cwd.googlegroups.com...
> The FCC has decided. Let's talk about ANTENNAS and ANTENNA THEORY now.
> Now that the decision is final, can we please stop crossposting into
> this group?
>
> There are going to be a lot of hams that need advice on HF antennas now
> that all Technician operators will have automatic general-level CW
> privileges on 80m, 40m, 15m, and 10m. Can we clear out the group so
> that they actually think that maybe they can get antenna advice here?
>
> Every ham needs an antenna. I think we can all agree on that.
>
> Welcome to HF everyone!

One year ago, in Italy the CW exams were completely abolished and our VHF licensees (more of less equivalent to the US Technicians) automatically got the same HF operating priviledges as the full-licence hams.

At that time, there were people predicting disastrous invasions of the HF band by non-experienced hams.

In reality nothing special happened, as just a small percentage of the VHF licensees migrated to the HF band causing no problem at all.

On the other hand this could have been easily predicted:

- a person really interested in operating HF would hardly give up just because of the need to pass an extra exam

- setting up an HF station, especially a good HF station, is not so easy today. Apart from the economic aspect, setting up an antenna that the neighbours can easily note is becoming here a real problem, due to the higher attention that people generally pay to esthetic issues, as well as due to the exagerated concerns on the effects of radio waves on human health.

73

Tony I0JX

4069. Re: 30 helpful hints to help new and No-code hams. Monthly post.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 22:25:26 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <s8OdnbvKHI_IiBrYnZ2dnUVZ_vrinZ2d@comcast.com>
Source record: 47843
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.policy

H. Adam stevens, NQ5H wrote:

> "Old Time Ham" <old_fart@curmudgeons.com> wrote in message
> news:wIqdnfDAMaMxhuHYnZ2dnUVZ_tTinZ2d@comcast.com...
>
>>Slow Code wrote:
>>
>>>The 30 Steps below will help all No-Code Hams, it will also help you to
>>>find others just like yourself. These 30 steps should also be added to
>>>the
>>>present writtens.
>>>
>>
>>Hilarious! I am going to print these out and give them out at the next
>>Repeater Group meeting. (which I am forced to attend since it is also the
>>local RACES group meeting :-(
>
>
> This just occurred to me:
>
>
> No-coders can never be Silent Keys
>
> Just dead mikes
>

Oh! Now youve gone and done it! QST will have to change the title of one of
their columns :-)

4070. Re: looking for 2-meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 22:33:39 UTC
From: merlin-7 <merlin-7@sc.rr.com>
Message-ID: <45871778$0$4878$4c368faf@roadrunner.com>
Source record: 47844

A bit of a story here but after you read it, maybe someone can make a
suggestion on the best way to approach this.

Currently, I have a 2-m collinear up 52 feet, fed with LMR-600 The rig is
a yaesu ft-2800m at 65 watts.
When I move to Richlands NC. I plan on moving it up to around 80 feet,
maybe higher if $$$ permits.
Right now, I can only get into the 146.820 when the band opens up. maybe
once a week .(I am pretty sure it is in Wilmington but the antenna on that
repeater is somewhere around 1,600 ft, or so they say) but it does cover the
richlands, Jacksonville area.
There is no way that I can get an antenna up high enough (after I move to
the new QTH, to any kind of line-of-site to any of the repeaters here, near
Charleston SC. However, the whitehall repeater is about 500ft and the
greeleyville repeater is up about 900ft.
What would you all do to increase your odds of getting into a reapeater at
that distance?

Just go as high as possible? add a yagi or stack some yagis?

Pray to the DX gods?

Any suggestions?

Thanks joe...
> >
> >>This is the problem I want to avoid, I could build my own but I do not
> >>have
> >>the time as in the next 6 months or so I will be moveing to NC and most
of
> >>my time is used up in painting etc. the home I am in now, getting ready
to
> >>sell it.
> >> I need an antenna that can make contact with some of the repeartes here
> >> in
> >>SC. (as band conditions permit)
> >> I can, at times, get into some of the NC repeaters on my coliner
vertical
> >>at 50'. I was hopeing with a good beam at 70' (from NC) that I could
> >>increase the odds...
> >> Still looking for a good 2-m beam
> >> Joe
> > You may regret the beam for repeater work. I live in the Greensboro
> > area and have found that even a tower mounted Ringo brings up too many
> > machines on a given frequency. Just about any tower mounted antenna
> > will work into the Mt Mitchell machine and there fore SC!

> >
> > The real wonder of it all is so many repeaters and so little
> > activity...
> >
> > John Ferrell W8CCW
>
> What you are looking to do is more effected by antenna hiegth than gain. I
> live on the NC/SC border and 25 watts into a vertical will get me full
> quieting into most reapaters within my horizon,. more power or gain doesnt
> help much. The Mt Mitchell Machine ROCKS. Was involved in a ragchew one
> night with guys from 7 or 8 different states at least.
>
>

4071. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 23:02:04 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <M5Fhh.9447$Ga1.4602@newssvr12.news.prodigy.net>
Source record: 47845

Roy Lewallen wrote:
> If you think a DC short will reduce noise, why not just put an RF choke
> or moderate value resistor across the feedline conductors of a
> conventional dipole?

Because that still leaves only one path for the RF
precipitation static, i.e. through the receiver. The RF
is not going to travel through the high impedance of the
RF choke but it will travel through the lower impedance
of the other conductor in a folded dipole or loop if it
exists.

However, an RF choke will eliminate arcing which certainly
does reduce noise.
--
73, Cecil http://www.w5dxp.com

4072. Re: looking for 2-meter yagi

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-18 23:52:16 UTC
From: Ralph Mowery <rmowery28146@earthlink.net>
Message-ID: <QQFhh.839$w91.329@newsread1.news.pas.earthlink.net>
Source record: 47846

"merlin-7" <merlin-7@sc.rr.com> wrote in message
news:45871778$0$4878$4c368faf@roadrunner.com...
> A bit of a story here but after you read it, maybe someone can make a
> suggestion on the best way to approach this.
>
>
> Currently, I have a 2-m collinear up 52 feet, fed with LMR-600 The rig is
> a yaesu ft-2800m at 65 watts.
> When I move to Richlands NC. I plan on moving it up to around 80 feet,
> maybe higher if $$$ permits.
> Right now, I can only get into the 146.820 when the band opens up. maybe
> once a week .(I am pretty sure it is in Wilmington but the antenna on
> that
> repeater is somewhere around 1,600 ft, or so they say) but it does cover
> the
> richlands, Jacksonville area.
> There is no way that I can get an antenna up high enough (after I move to
> the new QTH, to any kind of line-of-site to any of the repeaters here,
> near
> Charleston SC. However, the whitehall repeater is about 500ft and the
> greeleyville repeater is up about 900ft.
> What would you all do to increase your odds of getting into a reapeater at
> that distance?
>
> Just go as high as possible? add a yagi or stack some yagis?
>
> Pray to the DX gods?
>
> Any suggestions?
>
>
Unless you are on a high mountain, anything over 100 miles will be very
difficult to work into the Charleston area. . If you do get your antenna
up high enough to work the repeaters over 100 miles away, you will probably
be very unpopular as you will probablay be keying up several other repeaters
, or if they are using subaudio tones it can still cause problems.

What is the distance to the repeaters you will be trying to work?

4073. what good thing

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 01:08:30 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1166490510.565742.137160@n67g2000cwd.googlegroups.com>
Source record: 47847
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

Vince Fiscus, KB7ADL wrote:
> Mike Coslo <mcoslo@comcast.net> wrote in
> news:Xns989BF04CD37CFmcoslocomcastnet@216.196.97.136:

>
>
> I apologized for disturbing you fine people. The issue has been decided,
> now we live with it. Where we have problems, we do what good hams do, we
> work together to solve the problems. That's all that there is left to say
> about it.
>
> 73
>
> KB7ADL, formerly Slow Code

you planing on leaving the ARS as you promised?

or anything about apolgizing for your calls to throw half the ars off
the air

or...?

I could go on but my point is made

4074. Re: A Moment To Appeciate a Good Thing.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 01:41:42 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <em7g0q$4ej$1@aioe.org>
Source record: 47848
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

Vince Fiscus, KB7ADL wrote:
>
> I apologized for disturbing you fine people. The issue has been decided,
> now we live with it. Where we have problems, we do what good hams do, we
> work together to solve the problems. That's all that there is left to say
> about it.
>
> 73
>
> KB7ADL, formerly Slow Code
>

I pity you.

JS

4075. Re: A Moment To Appeciate a Good Thing.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 02:01:42 UTC
From: Mark@kb9rqz.aprs
Message-ID: <jvheo29bjfccvn4s1ucovdhcq9e5aemt9h@4ax.com>
Source record: 47849
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

On Mon, 18 Dec 2006 17:41:42 -0800, John Smith
<assemblywizard@gmail.com> wrote:

>Vince Fiscus, KB7ADL wrote:
> >
>> I apologized for disturbing you fine people. The issue has been decided,
>> now we live with it. Where we have problems, we do what good hams do, we
>> work together to solve the problems. That's all that there is left to say
>> about it.
>>
>> 73
>>
>> KB7ADL, formerly Slow Code
>>
>
>I pity you.
>
>JS
a sentiment we can can indeed find comon ground
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4076. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 02:17:02 UTC
From: "J. Mc Laughlin" <jcm@power-net.net>
Message-ID: <12oeip0p06gnn8b@corp.supernews.com>
Source record: 47850

... and so we come full circle. One either believes in p-noise or one does not. It would be unreasonable for someone who has antennas in an urban environment and some other environments to believe p-noise exists because they will not experience p-noise.

If one were to live where it never rains (or it never snows), one would be disinclined to believe rain (or snow) exists. Many years ago (no, I am sure I have not told this story before) I was asked by a colleague who lived in a country south of Miami to tell him about snow. Well, I said, it is a bit like granisado (flavored, shaved ice) without the flavoring (do not eat the yellow snow) and heaped up everywhere. He was too polite to indicate his disbelief.

So, what is your religion?

Warm and fond regards, Mac N8TT

--
J. Mc Laughlin; Michigan U.S.A.
Home: JCM@Power-Net.Net
"Tom Donaly" <dtdonaly@sbcglobal.net> wrote in message news:Zvzgh.28685

> > Denny wrote:
> >
> >> It simply was
> >> low static until the moment the first gust of wind swept across our
> >> fields bringing the rain, and huge precip charges on the 130 foot high
> >> antennas...
> >
> >
> > Sounds like you might believe that precipitation
> > static exists. :-)
>
> Faith is a powerful force for self-delusion.
> 73,
> Tom Donaly, KA6RUH

4077. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 02:35:56 UTC
From: Tom Donaly <dtdonaly@sbcglobal.net>
Message-ID: <gelhh.10088$Ga1.9250@newssvr12.news.prodigy.net>
Source record: 47851

J. Mc Laughlin wrote:
> ... and so we come full circle. One either believes in p-noise or one does
> not. It would be unreasonable for someone who has antennas in an urban
> environment and some other environments to believe p-noise exists because
> they will not experience p-noise.
>
> If one were to live where it never rains (or it never snows), one would
> be disinclined to believe rain (or snow) exists. Many years ago (no, I am
> sure I have not told this story before) I was asked by a colleague who lived
> in a country south of Miami to tell him about snow. Well, I said, it is a
> bit like granisado (flavored, shaved ice) without the flavoring (do not eat
> the yellow snow) and heaped up everywhere. He was too polite to indicate
> his disbelief.
>
> So, what is your religion?
>
> Warm and fond regards, Mac N8TT
>
> --
> J. Mc Laughlin; Michigan U.S.A.
> Home: JCM@Power-Net.Net
> "Tom Donaly" <dtdonaly@sbcglobal.net> wrote in message news:Zvzgh.28685
>
>
>>>Denny wrote:
>>>
>>>
>>>>It simply was
>>>>low static until the moment the first gust of wind swept across our
>>>>fields bringing the rain, and huge precip charges on the 130 foot high
>>>>antennas...
>>>
>>>
>>>Sounds like you might believe that precipitation
>>>static exists. :-)
>>
>>Faith is a powerful force for self-delusion.
>>73,
>>Tom Donaly, KA6RUH
>
>
>

It never snows around here, but no one disbelieves in snow, Mac.
Cecil's idea of the nature of precipitation static is pretty much
based on what he's made up in his head, and not on measurement and
experimentation. Moreover, he puts words in the mouths of people
who disagree with him, such as the above: if you disagree with him
he'll say you don't _believe_ in p-static, as if it were part of some
ham religion. Actually, it's Cecil's ratiocinations that aren't worth
"believing in." Anyone, even you, can investigate the phenomenon of
p-static with some simple homemade equipment, as I referenced in an
earlier post. Then you can decide for yourself how likely it is that
Cecil's ideas have merit or not.
73,
Tom Donaly, KA6RUH

4078. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 02:42:20 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <gkIhh.35311$wP1.3328@newssvr14.news.prodigy.net>
Source record: 47852

J. Mc Laughlin wrote:
> ... and so we come full circle. One either believes in p-noise or one does
> not. It would be unreasonable for someone who has antennas in an urban
> environment and some other environments to believe p-noise exists because
> they will not experience p-noise.

I saw P-static today on the spectrum scope of my
IC-756PRO. I bought a new backup battery and am
allowing it to power my transceiver to see how
long it will last. I tuned it to 1620, WTAW, in
College Station, TX. The typical AM pattern showed
up on the scope. The display has a memory mode where
past signals are remembered in blue while present
signals are displayed in green. It started raining
and after awhile, I went to check on my transceiver.
The display was back to normal as far as the green
display but the blue memory display was constant at
5 divisions completely across the 50 kHz covered by
the display. The carrier was only one division higher
than that blanket of noise caused by the rain. This
was 10 dB per division. I heard no thunder today.

This evidence should be repeatable for anyone with
a spectrum scope on their transceiver.
--
73, Cecil http://www.w5dxp.com

4079. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 02:49:20 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <QqIhh.35313$wP1.6908@newssvr14.news.prodigy.net>
Source record: 47853

Tom Donaly wrote:
> Then you can decide for yourself how likely it is that
> Cecil's ideas have merit or not.

They are not my ideas, Tom. Simply do a web search
for precipitation static. There are hundreds of
references including the following definition by
ATIS, accredited by the American National Standards
Institute (ANSI). Check it out for yourself.

http://www.atis.org/tg2k/_precipitation_static.html
--
73, Cecil http://www.w5dxp.com

4080. Re: A Moment To Appeciate a Good Thing.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 03:44:31 UTC
From: Mike Coslo <mcoslo@comcast.net>
Message-ID: <Xns989DE75A650B5mcoslocomcastnet@216.196.97.136>
Source record: 47854
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

"Vince Fiscus, KB7ADL" <radiation17@bresnan.net> wrote in
news:4uqdnT7q6IWlqhrYnZ2dnUVZ_tzinZ2d@bresnan.com:

> I apologized for disturbing you fine people. The issue has been
> decided, now we live with it. Where we have problems, we do what
>good hams do, we work together to solve the problems. That's all that
> there is left to say about it.

You don't write that kind of stuff without believing in it at some level.
I'm just a 5wpm extra, so I'll not pain you to further descend to my
menial level any more. If you ever come to a club meeting that I'm at, let
me know, and I'll give you my seat. Out of pity.

buh-bye! Mike KB3EIA -

4081. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 03:58:17 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <em7o0tirs3@aioe.org>
Source record: 47855

art wrote:
> ...

Yanno, I even have a hard time believing a wilmshurst machine works, but it does!

Regards,
JS

4082. Re: A Moment To Appeciate a Good Thing.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 04:12:43 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1166501563.063440.208790@a3g2000cwd.googlegroups.com>
Source record: 47856
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

Mike Coslo wrote:
> "art" <aunwin@insightbb.com> wrote in
> news:1166279141.868937.293070@80g2000cwy.googlegroups.com:
>
> > >
> > > John Markham wrote:
> > >> I feel reborn. At long last I will be able to be a real ham. Thank
> > >> you, FCC.
> > >>
> > >> 73 from KD6VKW, AKA Sal M. Onella
> > > Congrats John you join the club at a unique time where computors are
> > > being used to further the hobby, new horizons that bring challenges
> > > that us old guys never had to deal with. There is nothing like
> > > plunging into unknown brush for miles and miles to come upon a scene
> > > that has never been seen before.

What planet are you from? It's all been seen before.

> > > Those who take only an easy path will
> > > not get all those scratches and bites that you got on your journey
> > > but you will be the first to get to the top of the mountain before all
> > > the followers and that is the joy of ham radio.

Are you one of the "pioneers" giving signal reports on 500KHz?

> > > Welcome
> > > Art
> > >
> >
> >
> > A little bit of a different perspective if I may.
> >
> > I am quite hard of hearing. Tinnitus is the main problem. Imagine
> > trying to copy code with 20 over 9 noise. Haven't experienced silence since
> > I was 18 y.o. Plus I have several frequency holes in my hearing, estimated
> > at over 100 db deep.
> >
> > I studied Morse code for over 6 months, several hours a day. All that
> > to get to around 7wpm, a level at which a number of code proficient hams
> > won't even bother to communicate with me.
> >
> > Flunked Element 1 the first time, a bit of humiliation for a person
> > who is used to reading something once, then aceing the test.
> >

> After passing, I try a bit of CW Morse from time to time, but mostly
> do things like PSK and RTTY, which are visual in nature. I can also contest
> on SSB and PSK/RTTY, and am very active in Amateur radio, including public
> service, and am the chairman of the premier State QSO party in the country.
> Not too bad for a person who could barely pass the Morse code test -
> according to some, the litmus test of worthyness. Yeah, I'm a nickle extra.
> Big deal. I only passed 5 wpm, and you're a jerk.
> (those who would determine worthyness in relation to the speed at which
> they can swipe a paddle)

Finally we agree on somthing Morse related.

> I am the poster child for elimination of the Morse code proficiency
> requirement.
>
> But!
>
> When I first got involved in Ham Radio in 1999, a lot of people told
> me that I should hold off on the upgrade, because Morse code proficiency
> was going to go away "soon".

Mike, 2007 >>>IS<<< soon in ham years.

> I didn't listen to them, and I'm glad, because all I would have done
> is cheated myself out of 8 maybe 9 years of the best hobby I've ever found.
> It was worth all the trouble and more.
>
> So if you have waited for the Morse code testing to go away to upgrade,
> then congratulations, and welcome to the fraternity, but please accept my
> sympathy for cheating yourself out of a few years of this incredible hobby.
>
>
> Finally, if KB7ADL is indeed "Slow Code", I would suggest that you
> look at your own behavior and decide if it is consistent with the type of
> people who are in amateur radio who know Morse code well.

That Code Exam sure did let a lot of bozos into the service.

> However nothing
> is entirely good or bad. The "Slow Code" crosspostings finally got me off
> the stick to get a newsreader that could filter out the Morse code drivel
> and the bizzare crosspostings from people with *serious* issues. Thank you!
>
>
> Morse code testing is dead. Long live Morse CW!
>
> - 73 de Mike KB3EIA -
>
> with one legit crosspost to rrap.....

Best of Luck.

4083. Re: A Moment To Appeciate a Good Thing.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 04:17:34 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <em7p54lit1@aioe.org>
Source record: 47857
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

hot-ham-and-cheese@hotmail.com wrote:
> ...
> What planet are you from? It's all been seen before.
> ...

It ain't been seen 'til I see it!

Regards,
JS

4084. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 04:48:45 UTC
From: B29 <service@amx.com>
Message-ID: <NaKhh.3013$0t1.2087@fe04.news.easynews.com>
Source record: 47858

WOW
Thank you all for the information. I found some very positive reports about folded dipoles. I will try one this spring. I live in the North Country and it would be quite hazardous to try and hang one in all the snow and ice.

I have seen these dipoles already constructed and made up for sale. I guess I will just have it all ready when the thaw hits. I will try to find one with a current balun.

Michael

4085. Re: A Moment To Appeciate a Good Thing.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 11:44:05 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1166528645.206114.158030@n67g2000cwd.googlegroups.com>
Source record: 47859
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

John Smith wrote:
> hot-ham-and-cheese@hotmail.com wrote:
> > ...
> > What planet are you from? It's all been seen before.
> > ...
>
> It ain't been seen 'til I see it!
>
> Regards,
> JS

Maybe. Arctic National Wildlife Refuge. I've never seen it, don't want to. No one I know has ever seen it. No one I know wants to see it. But you can go see it if you want.

4086. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 12:27:04 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1166531224.340562.325070@t46g2000cwa.googlegroups.com>
Source record: 47860

Michael, please do not spend good money for something you can build yourself for a fraction of the cost, and learn good things in the process...
An 8X10 piece of plexiglass storm window from the hardware store will supply strips for the end and center insulators... A chunk of 300 ohm TV twin lead will supply the folded dipole material... A roll of coax, some solder, and a pieces of small rope, and you are in business... A hack saw will cut the plexi (so will a skill saw or table saw)...
Why not make one for 10 meters as a starter until spring comes... This can be hung between two trees <or whatever> so it is at least head high and will give you some fun when the band opens here and there..... You can check the formula for length versus resonant frequency...

denny / k8do

4087. Re: 30 helpful hints to help new and No-code hams. Monthly post.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 12:54:07 UTC
From: "H. Adam stevens, NQ5H" <NQ5H@ARRL.net>
Message-ID: <12ofo7g64hk5810@corp.supernews.com>
Source record: 47861
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.policy

"Dave" <W1MCE@comcast.net> wrote in message
news:s8OdnbvKHI_IiBrYnZ2dnUVZ_vrinZ2d@comcast.com...
> H. Adam stevens, NQ5H wrote:
>
>> "Old Time Ham" <old_fart@curmudgeons.com> wrote in message
>> news:wIqdnfDAMaMxhuHYnZ2dnUVZ_tTinZ2d@comcast.com...
>>
>>>Slow Code wrote:
>>>
>>>>The 30 Steps below will help all No-Code Hams, it will also help you to
>>>>find others just like yourself. These 30 steps should also be added to
>>>>the
>>>>present writtens.
>>>>
>>>
>>>Hilarious! I am going to print these out and give them out at the next
>>>Repeater Group meeting. (which I am forced to attend since it is also the
>>>local RACES group meeting :-(
>>
>>
>> This just occurred to me:
>>
>>
>> No-coders can never be Silent Keys
>>
>> Just dead mikes
>>
>
> Oh! Now youve gone and done it! QST will have to change the title of one
> of their columns :-)
>

Oh good, a sense of humor. I was beginning to worry.
At least QCWA won't have to change anything for 25 years.
=]8*O

4088. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 13:19:59 UTC
From: Wes <n7ws@yahoo.com>
Message-ID: <1166534399.612328.52340@48g2000cwx.googlegroups.com>
Source record: 47862

Cecil Moore wrote:
> Roy Lewallen wrote:
> > If you think a DC short will reduce noise, why not just put an RF choke
> > or moderate value resistor across the feedline conductors of a
> > conventional dipole?
>
> Because that still leaves only one path for the RF
> precipitation static, i.e. through the receiver. The RF
> is not going to travel through the high impedance of the
> RF choke but it will travel through the lower impedance
> of the other conductor in a folded dipole or loop if it
> exists.

Then you also need a short across the other side of the folden dipole
or loop (the feedpoint) and then all of those pesky noise problems are
completely solved. If you add a 10 dB attenuator between there and the
input to the transmission line then you will also have a nearly flat
SWR too.

A nearly perfect antenna. Completely flat SWR, totally noise free and
with equal gain in all directions! What more could you ask for?

Wes N7WS

4089. Re: A Moment To Appeciate a Good Thing.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 14:52:41 UTC
From: Rick <ricknj10@hotmail.com>
Message-ID: <Y0Thh.17$sY2.4@newsfe09.lga>
Source record: 47863

Hey Slow,
You're a good guy. I finally realize you have a message,
maybe something along the lines of what "The Old Man" did 90 years ago.
Most only saw what you wrote on the surface, but I finally
was trying to read a level below that to see what your real message
was. Then last Friday things all changed.

So Slow Code, Old Buddy, this being an antenna newsgroup, what kind
of antenna do you use out there in 7 land?

73 OB,

Rick K2XT

4090. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 15:10:51 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <%hThh.24117$wc5.15046@newssvr25.news.prodigy.net>
Source record: 47864

Wes wrote:
> A nearly perfect antenna. Completely flat SWR, totally noise free and
> with equal gain in all directions! What more could you ask for?

:-) How about some functionality?

Let's take a look at a G5RV that I bought when I moved
to AZ and got back into HF operation. One side of the
G5RV dipole was DC floating at the antenna tuner output
while the other side was DC grounded. During AZ desert
windstorms, this new G5RV of mine arced at the coax
connector due to precipitation static, sometimes several
times per second. Putting up a 40m folded dipole caused
the arcing to cease. Seems to me, an antenna that doesn't
arc is more functional and less noisy than an antenna
that does arc. :-) In addition, even when the wind was
not strong enough to cause arcing, the folded dipole
delivered less noise to the receiver than did the G5RV.

Folding and insulating are two methods of reducing
precipitation static in airplane antennas. The G5RV
was not folded - the folded dipole was. The G5RV was
not insulated - the folded dipole was.
--
73, Cecil http://www.w5dxp.com

4091. Re: Rain Static ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 15:31:44 UTC
From: Tom Donaly <dtdonaly@sbcglobal.net>
Message-ID: <ABThh.39059$qO4.39034@newssvr13.news.prodigy.net>
Source record: 47865

art wrote:
> Tom,
> May I ask you to consider this?
> When a water droplet is formed it is a liquid inside a closed surface.
> As the droplet falls it gatheres excess energy/ electrical charges via
> friction .
> Since the the droplet is a closed circuit it is in equilibrium and any
> additional charges or excess charges therefore by law must be attached
> to the surface of the closed surface.
> When the droplet impacts on anything the closed surface opens and
> equilibtium is broken
> thus releasing the excess charges in the same way a plate capacitor
> arcs when equilibrium is broken. I have not read up on static but the
> electrical laws that support the above could adequatly describe static
> noise from rain. Now getting to snow static I suppose you would have to
> go a different way..
> Art
>
>
> f.
> Tom Donaly wrote:
>
>>J. Mc Laughlin wrote:
>>
>>>... and so we come full circle. One either believes in p-noise or one does
>>>not. It would be unreasonable for someone who has antennas in an urban
>>>environment and some other environments to believe p-noise exists because
>>>they will not experience p-noise.
>>>
>>> If one were to live where it never rains (or it never snows), one would
>>>be disinclined to believe rain (or snow) exists. Many years ago (no, I am
>>>sure I have not told this story before) I was asked by a colleague who lived
>>>in a country south of Miami to tell him about snow. Well, I said, it is a
>>>bit like granisado (flavored, shaved ice) without the flavoring (do not eat
>>>the yellow snow) and heaped up everywhere. He was too polite to indicate
>>>his disbelief.
>>>
>>> So, what is your religion?
>>>
>>> Warm and fond regards, Mac N8TT
>>>
>>>--
>>>J. Mc Laughlin; Michigan U.S.A.
>>>Home: JCM@Power-Net.Net

>>>"Tom Donaly" <dtdonaly@sbcglobal.net> wrote in message news:Zvzgh.28685
>>>
>>>
>>>
>>>>>Denny wrote:
>>>>>
>>>>>
>>>>>
>>>>>>It simply was
>>>>>>low static until the moment the first gust of wind swept across our
>>>>>>fields bringing the rain, and huge precip charges on the 130 foot high
>>>>>>antennas...
>>>>>
>>>>>
>>>>>Sounds like you might believe that precipitation
>>>>>static exists. :-)
>>>>
>>>>Faith is a powerful force for self-delusion.
>>>>73,
>>>>Tom Donaly, KA6RUH
>>>
>>>
>>>
>>It never snows around here, but no one disbelieves in snow, Mac.
>>Cecil's idea of the nature of precipitation static is pretty much
>>based on what he's made up in his head, and not on measurement and
>>experimentation. Moreover, he puts words in the mouths of people
>>who disagree with him, such as the above: if you disagree with him
>>he'll say you don't _believe_ in p-static, as if it were part of some
>>ham religion. Actually, it's Cecil's ratiocinations that aren't worth
>>"believing in." Anyone, even you, can investigate the phenomenon of
>>p-static with some simple homemade equipment, as I referenced in an
>>earlier post. Then you can decide for yourself how likely it is that
>>Cecil's ideas have merit or not.
>>73,
>>Tom Donaly, KA6RUH
>
>

It's a theory, Art. Now you have to support it experimentally.
Make, or buy, the equipment to do the
measurements, design some experiments, do them, and see where it all
leads.
73,
Tom Donaly, KA6RUH

4092. Re: 30 helpful hints to help new and No-code hams. Monthly post.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 15:32:24 UTC
From: Bob Rinaldi w1cny <w1cny@comcast.net>
Message-ID: <2ZCdnYcQFKaUmxXYnZ2dnUVZ_uOmnZ2d@comcast.com>
Source record: 47866
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.policy

I missed the 30 steps ! Would you send them again ?
Thanks,
Bob W1CNY

"H. Adam stevens, NQ5H" <NQ5H@ARRL.net> wrote in message
news:12ofo7g64hk5810@corp.supernews.com...
>
> "Dave" <W1MCE@comcast.net> wrote in message
> news:s8OdnbvKHI_IiBrYnZ2dnUVZ_vrinZ2d@comcast.com...
>> H. Adam stevens, NQ5H wrote:
>>
>>> "Old Time Ham" <old_fart@curmudgeons.com> wrote in message
>>> news:wIqdnfDAMaMxhuHYnZ2dnUVZ_tTinZ2d@comcast.com...
>>>
>>>>Slow Code wrote:
>>>>
>>>>>The 30 Steps below will help all No-Code Hams, it will also help you to
>>>>>find others just like yourself. These 30 steps should also be added to
>>>>>the
>>>>>present writtens.
>>>>>
>>>>
>>>>Hilarious! I am going to print these out and give them out at the next
>>>>Repeater Group meeting. (which I am forced to attend since it is also
>>>>the local RACES group meeting :-(
>>>
>>>
>>> This just occurred to me:
>>>
>>>
>>> No-coders can never be Silent Keys
>>>
>>> Just dead mikes
>>>
>>
>> Oh! Now youve gone and done it! QST will have to change the title of one
>> of their columns :-)
>>
>
> Oh good, a sense of humor. I was beginning to worry.
> At least QCWA won't have to change anything for 25 years.
> =]8*O
>

4093. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 15:52:58 UTC
From: Wes <n7ws@yahoo.com>
Message-ID: <1166543578.150149.312770@80g2000cwy.googlegroups.com>
Source record: 47867

Cecil Moore wrote:
> Wes wrote:
> > A nearly perfect antenna. Completely flat SWR, totally noise free and
> > with equal gain in all directions! What more could you ask for?
>
> :-) How about some functionality?
>
> Let's take a look at a G5RV that I bought when I moved
> to AZ and got back into HF operation. One side of the
> G5RV dipole was DC floating at the antenna tuner output
> while the other side was DC grounded. During AZ desert
> windstorms, this new G5RV of mine arced at the coax
> connector due to precipitation static, sometimes several
> times per second.

Hmm. I've lived in AZ for over 60 years (almost 50 of them as a ham)
and am well familiar with dust storms and static build up on antennas
but I've never heard of it being called precipitation static.

Whatever you choose to call it, Roy's suggested rf choke would have
solved your problem.

Wes N7WS

4094. Re: Go ahead and cry, we understand Slow Code :(

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 16:15:54 UTC
From: John Passaneau <jxp16@psu.edu>
Message-ID: <em937j$17m8$1@f04n12.cac.psu.edu>
Source record: 47868

It does, its called 30 meters....

Not very many people use it though....

--
John Passaneau, W3JXP
State College Pennsylvania
jxp16@psu.edu

<Fred Furlly> wrote in message
news:jjc7o2tsou1b1ng8klfccrmtammjhr8ie5@4ax.com...
> On Fri, 15 Dec 2006 20:28:15 -0800, John Smith
> <assemblywizard@gmail.com> wrote:
>
>>Apparently, this is real ...
>>
>>http://hraunfoss.fcc.gov/edocs_public/attachmatch/DOC-269012A1.pdf
>>
>>Regards,
>>JS
>
>
> OhMyGosh! Me thinks this will just about be the end of ol' SC! This
> will probably kill him dead straight away! Him and about every
> General or higher class of log-beaters. . . =)
>
> Actually, this is a radical approach to a troubling issue. Some
> times, when pressed, the government just goes too far. This is one.
> the "Key" should retain a special place. Again I say it should not be
> allowed to "Rule All", but it should have its very own, very special
> band width souly reserved to it.

4095. Re: MORKathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 16:27:40 UTC
From: KB7ADL <my.mail@noway.com>
Message-ID: <45881301$0$19217$6c4959f3@news.easynews.nl>
Source record: 47869
Cross-posted to: rec.radio.amateur.policy,alt.usenet.kooks,rec.radio.amateur.antenna,rec.radio.shortwave,alt.radio.scanner

"Cardinal Snarky of the Fannish Inquisition" <inquisition@smof.org> wrote in
message news:pan.2006.12.19.05.37.41.825504@smof.org...
> On Sat, 16 Dec 2006 19:05:41 -0800, brian.burp sat in thee Comfee Chaire,
> and didst finally confess, after taking Muche Tea:
>> M...@kb9rqz.aprs wrote:
>>> On 16 Dec 2006 18:53:43 -0800, "MarQueerMyDear" wrote:
>>>
>>> what joy do you get out of posting the shit woger?
>>> http://kb9rqz.blogspot.com/
>>
>> STFU Marqueer!
>
> So, essentially what you're doing is having a screaming, homo-/biphobic
> fit about Mark C. Morgan.
>
>
Worthless homophobes make me sick to my stomach. They are the scurge of ham
radio.

4096. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 16:34:52 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <824go21krvijpksbgt4lt2lr5torrmchvc@4ax.com>
Source record: 47870

On 19 Dec 2006 07:46:21 -0800, "art" <aunwin@insightbb.com> wrote:

>In the thread Rain static I referred to a closed surface which is
>clearly
>defined by Gauss's law.

Hi Art,

A "closed" surface is described by its geometry, not Gauss's law. No charges, Gaussian or otherwise, are required to "close" it. Rather, what is defined by the "closed surface" is the charge. You measure the charge by moving it through the surface. I will explain below how this too is wrong.

>If the surface is an
>insulator type then it takes a long while to penetrate

A closed surface is not required to be of any substance to still be a closed surface. Closing the surface is simply a mathematical description of space, not what is within it.

>but if the
>surface
>is a good conductor then the charges will penetrate very quickly

Now, if we were to consider a material that is bounded by an equation (like a cycloid, or volume of revolution); then your two examples are described BACKWARDS. Charge on a practical, conducting surface will NOT penetrate to the inside because the mutual repulsion forces charge to the point of least curvature (this is why spark gaps using sharp pins have a lower breakdown than those using balls).

Another concept you have wrong is the nature of current and flux. Flux is a vector of charge, not the movement of charge. Flux and closed surfaces are used to prove if the charge is inside the surface (the flux transits an odd number of surfaces) or outside the surface (the flux transits an even number of surfaces).

Hence, the remainder of your discussion doesn't make much sense, does it?

73's
Richard Clark, KB7QHC

4097. Re: : tok out teh trash

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 16:39:29 UTC
From: KB7ADL <my.mail@noway.com>
Message-ID: <458815c5$0$19229$6c4959f3@news.easynews.nl>
Source record: 47871
Cross-posted to: alt.2600,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,alt.usenet.kooks,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,alt.radio.scanner

"Cardinal Snarky of the Fannish Inquisition" <inquisition@smof.org> wrote in message news:pan.2006.12.19.05.25.31.582489@smof.org...
> On Sat, 16 Dec 2006 19:10:47 -0800, brian.burp sat in thee Comfee Chaire,
> and didst finally confess, after taking Muche Tea:
>> <kb9rqz@amsat.org> wrote:
>>> just trow it in my yard like my dfad did
>>>
>>> http://i70.photobucket.com/albums/i97/lloyddaviessux/markysjunkyyard.jpg
>>
>> mork is worse than a dam nigger!
>
> Wow, Wabbit -- you're both homo-/biphobic and racist all at once!
>
>
My boyfriend is black so I certainly don't appreciate the racist remarks.

4098. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 16:56:54 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <s56go210s0uucl6mr8cfn2vivpagd0rgft@4ax.com>
Source record: 47872

On 19 Dec 2006 08:49:00 -0800, "art" <aunwin@insightbb.com> wrote:

>Thru the years you have been a good example of
>Those who can...do
>Those that can' t..........teach
>You are a perfect example of the latter...all talk....no walk

Hi Art,

Hence, you stand to learn from teaching - n'est pas?

Your having nothing substantive to respond to in terms of the topic,
it stands to reason you cannot reject my coverage which is in fact
elementary Coulomb and Gauss.

You still have not broached the subject of how you accumulated 50 Ohms
non-reactive from 5 wires haphazardly strewn about, nor explained how
you measured their Z in a static field. We await something of more
technical deliberation from you.

73's
Richard Clark, KB7QHC

4099. Propagation Characteristics Of the 60 Meter Band ??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 17:07:48 UTC
From: Caveat Lector <CL@nowhere.com>
Message-ID: <B%Uhh.25578$6J4.17997@newsfe08.phx>
Source record: 47873

I need to write up a brief description of the propagation characteristics of this band.
Being it is between the 40 Meter and 80 meter band, I assume the 60 meter band is local or very poor during the day. At night in the winter months, propagation should offer characteristics similar to the 40 meter and 80 meter bands. Have read some reports of NVIS being used successfully for local day communications.

Given that few countries (United States, United Kingdom, Norway and Iceland) have privileges here and considering the power restrictions --- (Amateurs may use USB *only* with a maximum effective radiated power (ERP) of 50 W. Radiated power must not exceed the equivalent of 50 W PEP transmitter output power into an antenna with a gain of 0 dBd), it would seem domestic contacts (USA) are most likely.

Any comments are appreciated. Post here is fine.
I remain incognito on the NG's due to bad experiences in the past.
TIA
73 & Happy Holidays -- CL

4100. Yaesu Rotor chattering

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 18:07:41 UTC
From: ricknj10@hotmail.com
Message-ID: <458829ac.1601046@news.optonline.net>
Source record: 47874

Any idea what causes my Yaesu G-1000 rotor control box to chatter or
buzz after the rotor comes to a stop? This happens if it is rotated
to a position using the automatic feature (where you set a position
and hit a button and the rotor goes there and stops).
It's as if the rotor might be moving back and forth at a high rate,
and the controller is trying to correct for it.

Rick K2XT

4101. Rectangular waveguide

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 18:09:25 UTC
From: laura_pretty05@yahoo.com.hk
Message-ID: <1166551765.394131.188400@73g2000cwn.googlegroups.com>
Source record: 47875

In air-filled rectangular waveguide, what is the meaning by " the operating frequency is to be at least 25% greater than the cutoff frequency of the dominant mode"?
Can show it in mathematically?
Thanks

Laura

4102. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 18:11:27 UTC
From: B29 <service@amx.com>
Message-ID: <jXVhh.15562$Ea5.3468@fe05.news.easynews.com>
Source record: 47776

Thanks for the suggestion. I have decided to make my own. There are suggestions on the web that radio shack makes some good twin lead. However, I still would like to put up a balun. What would be the best balun for me? I intend to operate on 75 meters.

I admit to being a ham since 1956. However, I have not been very active and now that I am retired would like to get on low band. I am not very knowledgeable on all the types of antennas. I do know how to make a random wire work but do not want that type of antenna again.

Also, to keep the twin lead insulated, do I need to coat the ends where they are shorted?

I do appreciate the successful reports of using this type of antenna. What might happen if I put an antenna tuner on the transmitter end and tried to operate a folded dipole for 75 meters on 40 meters?

I cannot safely use my trees until they are thawed. I cannot climb them myself and I would not pay someone to do this until it is safer.

Michael

"Denny" <k8do@mailblocks.com> wrote in message
news:1166531224.340562.325070@t46g2000cwa.googlegroups.com...
> Michael, please do not spend good money for something you can build
> yourself for a fraction of the cost, and learn good things in the
> process...
> An 8X10 piece of plexiglass storm window from the hardware store will
> supply strips for the end and center insulators... A chunk of 300 ohm
> TV twin lead will supply the folded dipole material... A roll of coax,
> some solder, and a pieces of small rope, and you are in business... A
> hack saw will cut the plexi (so will a skill saw or table saw)...
> Why not make one for 10 meters as a starter until spring comes... This
> can be hung between two trees <or whatever> so it is at least head high
> and will give you some fun when the band opens here and there..... You
> can check the formula for length versus resonant frequency...
>
> denny / k8do
>

4103. Re: Rectangular waveguide

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 18:45:46 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <4588335A.8020906@bloomer.net>
Source record: 47777

Here's a start....

http://www.microwaves101.com/encyclopedia/waveguidemath.cfm

Scott
N0EDV

laura_pretty05@yahoo.com.hk wrote:

> In air-filled rectangular waveguide, what is the meaning by " the
> operating frequency is to be at least 25% greater than the cutoff
> frequency of the dominant mode"?
> Can show it in mathematically?
> Thanks
>
> Laura
>

4104. uniden 3500 xlt

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 19:10:39 UTC
From: shimsham <sandradavies10@btinternet.com>
Message-ID: <1166555439.231110.149400@79g2000cws.googlegroups.com>
Source record: 47778

hi. i am a new member is anyone in the group got one of these new scanners, if so any tips on operating this scanner would very much appreciated, and also any frequencies in the midlands, all emergency services, radio hams, airports. shimsham

4105. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 19:13:47 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <em9dlv$gg4$1@news.service.uci.edu>
Source record: 47779

Cecil Moore wrote:

> During AZ desert
> windstorms, this new G5RV of mine arced at the coax
> connector due to precipitation static, sometimes several
> times per second.

Hi Cecil -
Just a small bit of elaboration on your point - the arc is the result of the accumulation of a sufficient amount of charge to facilitate an electrical discharge in air. Static is heard in the receiver as the charge is being acquired, but an AGC limited pop would be heard when an arc occurs. (And sometimes nothing at all after the latter :-)

> Putting up a 40m folded dipole caused
> the arcing to cease.

That's right. The accumulated electrostatic charge would be distributed uniformly along the length of such an antenna. Both ends of the antenna would therefore be at the same potential, so there is no propensity to arc across them. If at least one of the antenna terminals on the rig is grounded, the likelihood that the antenna will accumulate a significant amount of charge is greatly reduced. The antenna is still just as likely to produce precipitation static noise however. If the receiver input was strictly differential, then it would indeed be completely insensitive to common mode signals and noise.

73, ac6xg

4106. Re: 30 helpful hints to help new and No-code hams. Monthly post.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 19:48:45 UTC
From: charlie <wehatespam@wymsey.co.uk>
Message-ID: <V8adnX0ACJu93xXYnZ2dnUVZ8sS3nZ2d@pipex.net>
Source record: 47780

John S. wrote:
<SNIP>
>
> Listening to the bands these days I have come to the conclusion that
> many Keys have indeed become Silent although they are not physically
> dead.
>
Reports of the death of Morse Code are, of course, premature. This
morning at 7.30am there were plenty of CW transmissions on 40 & 80m.
But there again I am in Europe.

Charlie.

--
www.wymsey.co.uk

4107. Re: Rectangular waveguide

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 19:59:08 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <YvXhh.2455$h_1.1452@bignews6.bellsouth.net>
Source record: 47781

<laura_pretty05@yahoo.com.hk> wrote in message
news:1166551765.394131.188400@73g2000cwn.googlegroups.com...
> In air-filled rectangular waveguide, what is the meaning by " the
> operating frequency is to be at least 25% greater than the cutoff
> frequency of the dominant mode"?
> Can show it in mathematically?
> Thanks
>
> Laura
>

As frequency decreases wavelength increases, Cutoff is the longest
wavelength that will fit in the pipe.
Fcutoff = speed of light/2 times the largest crosssectional dimension of the
waveguide

or Fc= C/2d

However the wavlength of a frequency in free space is significanty
shorter than the wavelength inside the waveguide so the actual Fc will
be greater than that calculated usng freespace values. My slide rule says
that if the angle of incidence inside the waveguide is 45 degrees and the
free space wavelenghth is .05 meters wavelength inside the waveguide is
about .075 meters. Dont hold me to these numbers but they should be
reasonably close. Im not very good at writting equations using a computer
but the Practical Antenna Handbook by Joeseph Carr has a pretty good
discription of whats going on. I am sure others will give you more
references and probably more precise numbers.

Jimmie

4108. Re: Rectangular waveguide

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 21:20:52 UTC
From: Frank's <frank599@nojunkmailplease.telus.net>
Message-ID: <UIYhh.82030$hn.64997@edtnps82>
Source record: 47782

<laura_pretty05@yahoo.com.hk> wrote in message
news:1166551765.394131.188400@73g2000cwn.googlegroups.com...
> In air-filled rectangular waveguide, what is the meaning by " the
> operating frequency is to be at least 25% greater than the cutoff
> frequency of the dominant mode"?
> Can show it in mathematically?
> Thanks
>
> Laura

Try this:

http://www.microwaves101.com/encyclopedia/waveguidemath.cfm#cutoff

Regards,

Frank

4109. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 22:58:22 UTC
From: Dave <noone@nowhere.com>
Message-ID: <FdudnZTSScUM8xXYnZ2dnUVZ_hy3nZ2d@crocker.com>
Source record: 47783

"art" <aunwin@insightbb.com> wrote in message
news:1166543181.269834.203030@f1g2000cwa.googlegroups.com...
> In the thread Rain static I referred to a closed surface which is
> clearly
> defined by Gauss's law.

Gauss's law doesn't define a surface, the surface is any arbitrary surface
surrounding a charge.

>Let us now look at a time vary field applied to
>
> a dielectric. I fht efield is applied for the shortest of time the
> charges
> will stay on the surface. If time is longer than the shortest space of
> time

you make it sound like there is some 'shortest' time where charges won't
move. this is not true. no matter how short you make the time it will move
the charges.

> then charges will openetrate the closed surface. If the surface is an
> insulator type then it takes a long while to penetrate but if the
> surface

Here you mix up 'surface' and 'surface'. the gauss's law 'surface' is a
mathematically useful construction around a charge, it does not have any
charge 'on' it, nor is there any 'penetration' of it by charge in gauss's
law. it is strictly a non-material thing that is used only for calculation
purposes.

> is a good conductor then the charges will penetrate very quickly so
> we can associate the time constant of penetration to the subject of
> skin depth. If we are to associate the time varying field to a
> gaussian field

you have yet to define a 'gaussian field'. gauss's law applies to electric
fields and their relation to charges.

> all the excess charges must be on the surface by law.

only in a 'perfect' conductor. dielectrics and 'empty' space can have
distributed charges throughout.

>Or in other words
> the time evolved must be shorter than the time required to begin
> penetration.

huh? it just goes down hill from here. write some equations, do some drawings, publish a manuscript. all the rest is empty handwaving based on incorrect assumptions and missing definitions.

> Thus for a short space of time all charges are on the surface and the
> charges
> have a magnhe radiating eneetic and electric field vectors. Just having
> charges is not enough to convert to a gaussian field in that a gaussian
> field must be in equilibrium thus a cluster of elements
> must have the direction of the surface charges change in unison. For a
> cluster of elements to do this they must all be resonant such that the
> charges reach the ends of the elements at the same time. Resonance of
> an element is determined by its diameter and its length and because it
> is coupled to other elements in the cluster the coupling must be taken
> into account to secure resonance of not only the individual elements
> but of the cluster as a whole. When this is accomplished the charges on
> the surface of the closed volume are in equilibrium but onty for that
> shortest of short time and where that time is added to the gaussian
> formulae for the transition to be complete. For the Gaussian field or
> volume we can say the energy inside the gaussian field is equal to that
> supplied by flux to the outside of the border and remember the flux
> inside consists of magnetic and electric vectoirs. We now can say that
> in a moment of time the flux produced from each element that breaches
> the border in summation with the other elements is equal to the
> radiating field outside of the border when each element energy makes
> the transmittion. Thus the summation of each of the clustered elements
> individual energy when the vectors are given a value
> must equal the flux on the outside of the border that produces
> radiation. We also know that if we have a cluster of elements that are
> clustered together we can obtain radiation by just applying a time
> varing field to just one of the elements and by virtue of intercoupling
> all the radiating energy
> will leave the near field. Thus we have two different methods of
> determining the value of the radiated field
> ! radiation from the clustered within a Gaussian field and
> 2 radiation from an array of coupled elements
> Since the elements within the cluster are all of the same "Q'" the
> determination of all factors
> in the resulting equation are simplified to Ohms law and where the
> laborious coupling calculations
> are omitted. The above describes in first principles as to how a
> Gaussian field in a short space of time can be equated to a radiating
> cluster using existing laws of the masters which also embraces NEC
> code. Now many have said I have no understanding of radiation concepts
> so go ahead and tear this apart and have a merry Xmas doing it
> Art Unwin KB9MZ.....XG
>

4110. Re: Yaesu Rotor chattering

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 23:04:14 UTC
From: Dave <noone@nowhere.com>
Message-ID: <5u6dnYsO5r9t8hXYnZ2dnUVZ_qK3nZ2d@crocker.com>
Source record: 47784

"Rick" <ricknj10@hotmail.com> wrote in message
news:458829ac.1601046@news.optonline.net...
> Any idea what causes my Yaesu G-1000 rotor control box to chatter or
> buzz after the rotor comes to a stop? This happens if it is rotated
> to a position using the automatic feature (where you set a position
> and hit a button and the rotor goes there and stops).
> It's as if the rotor might be moving back and forth at a high rate,
> and the controller is trying to correct for it.
>
> Rick K2XT

if its only when using the preset feature then its likely the circuit that
nulls the voltage difference between the pot in the rotor and the preset pot
in the control box. just press the rocker switch and it should stop.

4111. Re: Yaesu Rotor chattering

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 23:27:14 UTC
From: Rick <ricknj10@hotmail.com>
Message-ID: <kz_hh.81$sY2.77@newsfe09.lga>
Source record: 47785

> just press the rocker switch and it should stop.

If I press the off switch it stops it also (naturally !). And when I power back on the problem is
gone, until I go to a new antenna position with the preset function. I tried your suggestion and it worked. So it is now just a bit annoying in that I have to wait till the antenna gets to the preset position automatically, and then reach up and hit the switch. Ok, I will live with that. Thanks Dave

Rick

4112. Re: Propagation Characteristics Of the 60 Meter Band ??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-19 23:40:13 UTC
From: dd@bb.com
Message-ID: <vvtgo2paj04ugfrd7fbrutoug7b2706sk6@4ax.com>
Source record: 47786

200 watts (23dBW) PEP in UK
Using Morse, Telephony, RTTY, Data, Fax and SSTV

4113. Re: Yaesu Rotor chattering

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 00:04:06 UTC
From: Dave <noone@nowhere.com>
Message-ID: <NoOdnZBYgqVk4BXYnZ2dnUVZ_vGinZ2d@crocker.com>
Source record: 47787

"Rick" <ricknj10@hotmail.com> wrote in message
news:kz_hh.81$sY2.77@newsfe09.lga...
>> just press the rocker switch and it should stop.
>
> If I press the off switch it stops it also (naturally !). And when I
> power back on the problem is
> gone, until I go to a new antenna position with the preset function. I
> tried your suggestion and it worked. So it is now just a bit annoying
> in that I have to wait till the antenna gets to the preset position
> automatically, and then reach up and hit the switch. Ok, I will live
> with that. Thanks Dave
>
> Rick

think of it as an alarm that lets you know the antenna is in position and
ready to use!

i haven't been in to that part of their control circuit, and since they
don't label stuff very well on the schematic i would only be guessing... but
the first thing i would check is that you have good connections on the
indicator pins of the cabling. and check for leakage from the indicator pot
to ground that could indicate water in a connector or cable. either of
those may upset the balance of the nulling circuit they use.

4114. Re: Propagation Characteristics Of the 60 Meter Band ??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 00:38:56 UTC
From: Sum Ting Wong <sumtingwong@aol.com>
Message-ID: <kc1ho2l4gk2pmgqcdhhc7k1n6ut039rh9s@4ax.com>
Source record: 47788

On Tue, 19 Dec 2006 09:07:48 -0800, "Caveat Lector" <CL@nowhere.com>
wrote:

>Being it is between the 40 Meter and 80 meter band, I assume the 60 meter
>band is local or very poor during the day. At night in the winter months,
>propagation should offer characteristics similar to the 40 meter and 80
>meter bands. Have read some reports of NVIS being used successfully for
>local day communications.

Thanks to the Aussies, if you look here at various times throughout
the day you will get a good idea of the highest frequency available
for some NVIS action: http://www.ips.gov.au/HF_Systems/4/3

S.T.W.

4115. Re: 30 helpful hints to help new and No-code hams. Monthly post.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 01:21:45 UTC
From: Jim Hampton <aa2qa@frontiernet.net>
Message-ID: <Je0ih.7987$Ka1.7378@news01.roc.ny>
Source record: 47789
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.policy

"Radiosrfun" <Radiosrfun@radiosrfun.com> wrote in message
news:4586c899$0$27432$ecde5a14@news.coretel.net...
> "John S." <hjsjms@cs.com> wrote in message
> news:1166459112.916978.178480@48g2000cwx.googlegroups.com...
> >
> > H. Adam stevens, NQ5H wrote:
> >> "Old Time Ham" <old_fart@curmudgeons.com> wrote in message
> >> news:wIqdnfDAMaMxhuHYnZ2dnUVZ_tTinZ2d@comcast.com...
> >> > Slow Code wrote:
> >> >> The 30 Steps below will help all No-Code Hams, it will also help you
> >> >> to
> >> >> find others just like yourself. These 30 steps should also be added
to
> >> >> the
> >> >> present writtens.
> >> >>
> >> >
> >> > Hilarious! I am going to print these out and give them out at the
next
> >> > Repeater Group meeting. (which I am forced to attend since it is also
> >> > the
> >> > local RACES group meeting :-(
> >>
> >> This just occurred to me:
> >>
> >>
> >> No-coders can never be Silent Keys
> >>
> >> Just dead mikes
> >
> > Listening to the bands these days I have come to the conclusion that
> > many Keys have indeed become Silent although they are not physically
> > dead.
> >
> > And yes, when more code operators die they are just as dead as any
> > other amateur radio operator who has passed away.
> >
>
> FWIW - when one "presses the mic button to talk" - they are considered to
be
> "KEYING" the mic. Therefore - anyone who is a ham - be they a "code" key
> user OR "key" a mic - would still pass as a "silent "key" "
> The code is GONE - there is nothing we can do about its demise - so lets

> start PROMOTING decent Radio Skills - beginning with the vanishment of
> insulting amongst the ranks first off - and those who "might" be
considering
> coming into the hobby.
>
>
>

Yep, geting rid of the insults just might result in more folks joining the
ranks of amateur radio.

73 from Rochester, NY
Jim AA2QA

4116. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 02:25:25 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <pa1ih.24272$wc5.21883@newssvr25.news.prodigy.net>
Source record: 47790

Wes wrote:
> Hmm. I've lived in AZ for over 60 years (almost 50 of them as a ham)
> and am well familiar with dust storms and static build up on antennas
> but I've never heard of it being called precipitation static.

Here's the definition of precipitation static.

http://www.atis.org/tg2k/_precipitation_static.html
--
73, Cecil http://www.w5dxp.com

4117. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 02:35:47 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <7k1ih.1194$x67.271@newssvr17.news.prodigy.net>
Source record: 47791

Jim Kelley wrote:
> The antenna is still just as
> likely to produce precipitation static noise however.

It is unlikely that dissimilar antennas will
produce identical responses to anything including
static.
--
73, Cecil http://www.w5dxp.com

4118. Re: 30 helpful hints to help new and No-code hams. Monthly post.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 04:07:01 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <FF2ih.148006$HO4.61647@newsfe06.phx>
Source record: 47792
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.policy

"Radiosrfun" <Radiosrfun@radiosrfun.com> wrote in message
news:4586c899$0$27432$ecde5a14@news.coretel.net...

> The code is GONE - there is nothing we can do about its demise -

Well, it's not that extreme. Is AM gone? (No, it just isn't very popular
among the current crowd.)

Is RTTY gone? (No, it just isn't very popular among the current crowd.)

Is packet gone? (No, it just ... etc, etc, etc)

I'm going to quit now before I get too obvious :-)

"Sal"
In total agreement that radios-r-fun.

4119. Re: Yaesu Rotor chattering

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 04:20:06 UTC
From: Topaz305RK <k7sam@arrl.net>
Message-ID: <1u2dnd-brpOcJxXYnZ2dnUVZ_rCsnZ2d@vnet-inc.com>
Source record: 47793

Every G-800 and G-1000 rotor I have seen does the same thing, so don't think it is a problem with water or ground, just the way they are.

4120. Re: A Moment To Appeciate a Good Thing.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 04:24:19 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <UV2ih.109035$xM4.67362@newsfe07.phx>
Source record: 47794
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

"John Smith" <assemblywizard@gmail.com> wrote in message
news:em7p54lit1@aioe.org...
> hot-ham-and-cheese@hotmail.com wrote:
> > ...
> > What planet are you from? It's all been seen before.
> > ...
>
> It ain't been seen 'til I see it!

AMEN!!!!!

"It's all been seen before" is just bunkum. My PSK31 cables are new to me. My EME dish is new to me.

Fortunately, nobody gets a lock on first-time discoveries in this hobby. My pulling a QSO out of the noise today is just as much a thrill for me as it is for another half-million or so hams when they do it.

I'm working on my first HF antenna. Hand-built for 10M, it will be -- and on the air as soon as I'm legal.

4121. Re: A Moment To Appeciate a Good Thing.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 04:39:24 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <183ih.29107$6J4.11839@newsfe08.phx>
Source record: 47795
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

"Sal M. Onella" <salmonella@food.poisoning.org> wrote in message
news:UV2ih.109035$xM4.67362@newsfe07.phx...
>
> I'm working on my first HF antenna. Hand-built for 10M, it will be -- and
> on the air as soon as I'm legal.
>

Speaking of legal, when I'm doing low-power antenna tests for matching,
what's the protocol for ID'ing? My antenna experience is limited to FM,
where I easily ID through the mike with one hand while twiddling the SWR
meter with the other.

However, if I steady-key on HF to measure VSWR, I obviously can't ID; if I
use voice, the needle's bouncing.

Does the HF community tolerate occasional non-ID'ed transmissions for
essential testing????

TKS

"Sal"

4122. Re: A Moment To Appeciate a Good Thing.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 06:04:37 UTC
From: Mark@kb9rqz.aprs
Message-ID: <vfkho21hftm30ke8o4iqm3nu6l0jpl36pc@4ax.com>
Source record: 47796
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

On Tue, 19 Dec 2006 20:39:24 -0800, "Sal M. Onella"
<salmonella@food.poisoning.org> wrote:

>
>"Sal M. Onella" <salmonella@food.poisoning.org> wrote in message
>news:UV2ih.109035$xM4.67362@newsfe07.phx...
>>
>> I'm working on my first HF antenna. Hand-built for 10M, it will be -- and
>> on the air as soon as I'm legal.
>>
>
>Speaking of legal, when I'm doing low-power antenna tests for matching,
>what's the protocol for ID'ing? My antenna experience is limited to FM,
>where I easily ID through the mike with one hand while twiddling the SWR
>meter with the other.
>
>However, if I steady-key on HF to measure VSWR, I obviously can't ID; if I
>use voice, the needle's bouncing.
>
>Does the HF community tolerate occasional non-ID'ed transmissions for
>essential testing????

as I recall the rules do permit short oneway tramission ofor the
prupose of testing Not sure the exact wording right now

although for a lowpower tuning signal the could id prehaps RTTY would
as it is all but a stable source of power output at least wrt to speed
of swr metter might do
>
>TKS
>
>"Sal"
>
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4123. Determining if reactance is capacitive or inductive.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 06:41:37 UTC
From: KC2PIH@gmail.com
Message-ID: <1166596897.289275.21440@48g2000cwx.googlegroups.com>
Source record: 47797

Today I was making some measurements with my MFJ-259B. From the manual, I read:

"The MFJ-259B measures reactance, and converts reactance to capacitance. The MFJ-259B
can not determine if the reactance is actually inductive or capacitive. You can usually determine
the type of reactance by adjusting frequency. If frequency is increased and reactance (X on the
display or Impedance on the meter) decreases, the load is capacitive at the measurement
frequency. If frequency is reduced and reactance decreases, the load is inductive at the
measurement frequency."

Then I looked over the measurements that I plotted out. If I look at the graph of the reactance, the amplitude of the reactance will increase and then begin to decrease as frequency increases. If I try to follow the tip given in the MFJ manual, the reactance can appear as both capactive and reactive before it ever crosses zero. For instance if I follow the graph it rises and then starts to fall - according to the manual this would mean the upside is inductive and the downside is capacitive. But what I don't understand is how that is possible - it seems to me it would have to cross the integer value zero (0) to change from capacitive reactance to inductive reactance?

What concept am I screwing up here?

-Scott, WU2X

Here are the values I measured:

Freq	R	X	SWR
144	44	2	1.1
144.25	46	4	1.1
144.5	55	7	1.1
144.75	60	7	1.2
145	68	0	1.3
145.25	78	0	1.4
145.5	79	0	1.4
145.75	73	11	1.5
146	63	21	1.5
146.25	53	23	1.5
146.5	46	21	1.5
146.75	40	18	1.5

```
147 37 10 1.5
147.25 35 8 1.4
147.5 37 6 1.3
147.75 41 10 1.3
148 48 15 1.3
148.25 59 19 1.4
148.5 75 16 1.6
148.75 90 0 1.7
149 96 6 1.9
```

4124. Re: Determining if reactance is capacitive or inductive.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 06:50:52 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <86nho2d0up3ti1nimj11t1hfpn9jiv7mbr@4ax.com>
Source record: 47798

On 19 Dec 2006 22:41:37 -0800, KC2PIH@gmail.com wrote:

>Here are the values I measured:

Hi Scott,

This looks like one sick puppy. Is it a dipole or a monopole? Try
adding some feedline decoupling/choking (and again a quarter wave away
from the feed point) and repeating your measurements.

73's
Richard Clark, KB7QHC

4125. Re: 30 helpful hints to help new and No-code hams. Monthly post.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 07:06:19 UTC
From: Radiosrfun <Radiosrfun@radiosrfun.com>
Message-ID: <4588e0df$0$13549$ecde5a14@news.coretel.net>
Source record: 47799
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.policy

"Sal M. Onella" <salmonella@food.poisoning.org> wrote in message
news:FF2ih.148006$HO4.61647@newsfe06.phx...
>
> "Radiosrfun" <Radiosrfun@radiosrfun.com> wrote in message
> news:4586c899$0$27432$ecde5a14@news.coretel.net...
>
>> The code is GONE - there is nothing we can do about its demise -
>
> Well, it's not that extreme. Is AM gone? (No, it just isn't very popular
> among the current crowd.)
>
> Is RTTY gone? (No, it just isn't very popular among the current crowd.)
>
> Is packet gone? (No, it just ... etc, etc, etc)
>
> I'm going to quit now before I get too obvious :-)
>
>
> "Sal"
> In total agreement that radios-r-fun.
>
>

I didn't mean CW was "gone" in the sense of no longer able to be used! I meant only in the "testing" - which has spawned months if not years of hateful arguments - so it is pointless to remain at odds with others over it. Sure - CW, AM, RTTY, etc - are still all there to be used and enjoyed by those with personal preference. And as well - they should be! Use them to your hearts content!

4126. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 12:41:57 UTC
From: Christopher Cox <chrisTOPHERcOX@coboxincORORATED.com>
Message-ID: <45892f6c$0$5842$4c368faf@roadrunner.com>
Source record: 47800

Jim Kelley wrote:
> Hi Cecil -
> Just a small bit of elaboration on your point - the arc is the result of
> the accumulation of a sufficient amount of charge to facilitate an
> electrical discharge in air. Static is heard in the receiver as the
> charge is being acquired, but an AGC limited pop would be heard when an
> arc occurs. (And sometimes nothing at all after the latter :-)
>

Has anybody experienced this first hand? I was driving during a storm listening to talk radio and could distinctly hear a static rush build up from the radio 1 to 2 seconds before a lighting strike. The louder it was, the closer the strike was going to be.

A little off topic. I know this was not antenna static build up, but found it interesting that you could listen to a charge building before a discharge.

Chris KC8FRJ

4127. Re: Determining if reactance is capacitive or inductive.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 13:16:39 UTC
From: jgboyles@aol.com
Message-ID: <1166620598.782903.82230@73g2000cwn.googlegroups.com>
Source record: 47801

KC2PIH@gmail.com wrote:
>
> What concept am I screwing up here?
>
> -Scott, WU2X
>
> Here are the values I measured:
>
>
> Freq R X SWR
> -------------------------------------
> 144 44 2 1.1
> 144.25 46 4 1.1
> 144.5 55 7 1.1
> 144.75 60 7 1.2
> 145 68 0 1.3
> 145.25 78 0 1.4
> 145.5 79 0 1.4
> 145.75 73 11 1.5
> 146 63 21 1.5
> 146.25 53 23 1.5
> 146.5 46 21 1.5
> 146.75 40 18 1.5
> 147 37 10 1.5
> 147.25 35 8 1.4
> 147.5 37 6 1.3
> 147.75 41 10 1.3
> 148 48 15 1.3
> 148.25 59 19 1.4
> 148.5 75 16 1.6
> 148.75 90 0 1.7
> 149 96 6 1.9

Hi Scott, It probably means you are measuring the impedance through a length of lossy coax. If you do the sweep using an electrical 1/2 wavelength of coax at say 146 MHZ you will probably see more of what you would expect. I think the MFJ manual gives instructions for cutting a 1/2 wave xmission line. If you have EZNEC you could do an SWR sweep of your particular antenna and see what the impedances should be. Then take the MFJ readings right at the antenna or through a multiple of 1/2 wave coax. The results should pretty closely agree.

If you still have problems, then there may be some strong RF present that is disturbing the measurments, or YOUR presense in the near field of the antenna could be upsetting things. If you are trying to measure

a voltage fed antenna like a J pole, if you are physically close to the antenna it will foul things up. Good Luck.

Gary N4AST

4128. Re: Determining if reactance is capacitive or inductive.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 13:42:41 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1166622161.161532.218750@t46g2000cwa.googlegroups.com>
Source record: 47802

Looks like coax to me too....

Another problem is that the MFJ-259 isn't a very good VHF impedance meter. The resistance and reactance readings aren't going to be at all reliable on 2m, unless the impedance is close to 50 ohms, resistive.

I recently recalibrated mine since it was giving weird results on purely reactive loads. The calibration procedure checks resistive loads of 12.5, 50, 75, 100, and 200 ohms. I used SMT resistors on BNC connectors as decent loads.

After I did the calibration, the 200 ohm load at 144MHz reads something like R=80 X=50!

In the VHF range, even a good N-connectorized 50 ohm termination shows a little tiny bit of reactance. R=49, X=7 or something like that.

>From 1.7-30 MHz my 200 ohm load reads R=200, X=0. Up to about 60 MHz, a little "reactance" creeps in, some of which may be genuine (connectors and adapters), but much of which is simply due to the bridge being substantially off up there.

If you want to do experiments with the '259's capabilities and plot resistance and reactance curves, work on HF instead...

That said, if you're doing this through coax, try it again without and your results might make more sense... you are "close" to 50 ohms resistive...

Dan

4129. Re: A Moment To Appeciate a Good Thing.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 13:48:35 UTC
From: Dee Flint <deeflint01@comcast.net>
Message-ID: <_emdnTFv6JzcohTYnZ2dnUVZ_vamnZ2d@comcast.com>
Source record: 47804
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

"Sal M. Onella" <salmonella@food.poisoning.org> wrote in message
news:183ih.29107$6J4.11839@newsfe08.phx...
>
> "Sal M. Onella" <salmonella@food.poisoning.org> wrote in message
> news:UV2ih.109035$xM4.67362@newsfe07.phx...
>>
>> I'm working on my first HF antenna. Hand-built for 10M, it will be --
>> and
>> on the air as soon as I'm legal.
>>
>
> Speaking of legal, when I'm doing low-power antenna tests for matching,
> what's the protocol for ID'ing? My antenna experience is limited to FM,
> where I easily ID through the mike with one hand while twiddling the SWR
> meter with the other.
>
> However, if I steady-key on HF to measure VSWR, I obviously can't ID; if I
> use voice, the needle's bouncing.
>
> Does the HF community tolerate occasional non-ID'ed transmissions for
> essential testing????
>
> TKS
>
> "Sal"

It's not a matter of what we tolerate. It is a matter of FCC rules. Even a
test transmission (including tune-up) must conclude with an ID. So you
tune, then ID.

Dee, N8UZE

4130. Re: 30 helpful hints to help new and No-code hams. Monthly post.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 13:48:37 UTC
From: "H. Adam stevens, NQ5H" <NQ5H@ARRL.net>
Message-ID: <12oifpma39d3l22@corp.supernews.com>
Source record: 47803
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.policy

"Sal M. Onella" <salmonella@food.poisoning.org> wrote in message
news:FF2ih.148006$HO4.61647@newsfe06.phx...
>
> "Radiosrfun" <Radiosrfun@radiosrfun.com> wrote in message
> news:4586c899$0$27432$ecde5a14@news.coretel.net...
>
>> The code is GONE - there is nothing we can do about its demise -
>
> Well, it's not that extreme. Is AM gone? (No, it just isn't very popular
> among the current crowd.)
>
> Is RTTY gone? (No, it just isn't very popular among the current crowd.)
>
> Is packet gone? (No, it just ... etc, etc, etc)
>
> I'm going to quit now before I get too obvious :-)
>
>
> "Sal"
> In total agreement that radios-r-fun.
>
>

At least Spark is gone.
-sniff

Unless your neighbor has an electric fence.

4131. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 13:57:12 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Yibih.635$sR.51@newssvr29.news.prodigy.net>
Source record: 47805

Christopher Cox wrote:
> Has anybody experienced this first hand? I was driving during a storm
> listening to talk radio and could distinctly hear a static rush build up
> from the radio 1 to 2 seconds before a lighting strike. The louder it
> was, the closer the strike was going to be.

I have heard it to the point where the radio was desensed
just before the lightning strike. This happened with AM
radio in a fringe area.

> A little off topic. I know this was not antenna static build up, but
> found it interesting that you could listen to a charge building before a
> discharge.

Here's some information on the subject. The electrons that
discharge into the earth during a thunderstorm return to
the atmosphere as fair weather current.

http://www.auf.asn.au/meteorology/section11.html
--
73, Cecil http://www.w5dxp.com

4132. Re: 30 helpful hints to help new and No-code hams. Monthly post.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 14:04:40 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <ipbih.3867$h_1.1863@bignews6.bellsouth.net>
Source record: 47806
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.policy

>
> At least Spark is gone.
> -sniff
>
> Unless your neighbor has an electric fence.
>
>
>

Spark wouldnt be gone either if it werent made illegal

4133. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 14:05:39 UTC
From: Wes <n7ws@yahoo.com>
Message-ID: <1166623539.344558.262450@48g2000cwx.googlegroups.com>
Source record: 47807

Cecil Moore wrote:
> Wes wrote:
> > Hmm. I've lived in AZ for over 60 years (almost 50 of them as a ham)
> > and am well familiar with dust storms and static build up on antennas
> > but I've never heard of it being called precipitation static.
>
> Here's the definition of precipitation static.
>
> http://www.atis.org/tg2k/_precipitation_static.html
> --

I don't give a damn what they call it, here's a definition of
precipitation:

precipitation n. a: a deposit on the earth of hail, mist, rain, sleet
or snow: also: the quantity of water deposited.

I don't see anything about dirt.

Wes N7WS

4134. Re: Propagation Characteristics Of the 60 Meter Band ??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 14:06:52 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <0MidnX-jkMnn3hTYnZ2dnUVZ_u2mnZ2d@comcast.com>
Source record: 47808

I am in W1-land.

My antenna is a 150 feet long CF doublet using tuned feeders.

My log shows:

1] daytime, 9:00 am through 3:00 pm ... up to 300 miles
2] sunrise/sunset up to daytime ... up to 1000 miles
3] dark ... up to 3000 miles [I have G1 confirmed], also St. Lucia in the Caribbean.

Running 40 watts ERP.

/s/ Dd, W1MCE

Caveat Lector wrote:

> I need to write up a brief description of the propagation characteristics of
> this band.
> Being it is between the 40 Meter and 80 meter band, I assume the 60 meter
> band is local or very poor during the day. At night in the winter months,
> propagation should offer characteristics similar to the 40 meter and 80
> meter bands. Have read some reports of NVIS being used successfully for
> local day communications.
>
> Given that few countries (United States, United Kingdom, Norway and Iceland)
> have privileges here and considering the power restrictions --- (Amateurs
> may use USB *only* with a maximum effective radiated power (ERP) of 50 W.
> Radiated power must not exceed the equivalent of 50 W PEP transmitter output
> power into an antenna with a gain of 0 dBd), it would seem domestic contacts
> (USA) are most likely.
>
> Any comments are appreciated. Post here is fine.
> I remain incognito on the NG's due to bad experiences in the past.
> TIA
> 73 & Happy Holidays -- CL
>
>

4135. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 15:23:26 UTC
From: Bob Miller <NOSPAM@neosoft.com>
Message-ID: <f2lio211gm5g8oinujchdkltdc03572hab@4ax.com>
Source record: 47809

On Tue, 19 Dec 2006 18:11:27 GMT, "B29" <service@amx.com> wrote:

>Thanks for the suggestion. I have decided to make my own. There are
>suggestions on the web that radio shack makes some good twin lead.

www.thewireman.com is a good place to buy twinlead and stuff.

> However,
>I still would like to put up a balun. What would be the best balun for me? I
>intend to operate on 75 meters.
>
>I admit to being a ham since 1956. However, I have not been very active and
>now that I am retired would like to get on low band. I am not very
>knowledgeable on all the types of antennas. I do know how to make a random
>wire work but do not want that type of antenna again.
>
>Also, to keep the twin lead insulated, do I need to coat the ends where they
>are shorted?
>
>I do appreciate the successful reports of using this type of antenna. What
>might happen if I put an antenna tuner on the transmitter end and tried to
>operate a folded dipole for 75 meters on 40 meters?
>
>I cannot safely use my trees until they are thawed. I cannot climb them
>myself and I would not pay someone to do this until it is safer.

You could attach a weight to a piece of rope or cord, throw it over a
limb, and then hoist the end of the antenna up. Beats climbing, ice or
not, and to adjust the antenna, you just loosen the rope, and let the
antenna down.

Bob
k5qwg

>
>Michael
>
>"Denny" <k8do@mailblocks.com> wrote in message
>news:1166531224.340562.325070@t46g2000cwa.googlegroups.com...
>> Michael, please do not spend good money for something you can build
>> yourself for a fraction of the cost, and learn good things in the
>> process...
>> An 8X10 piece of plexiglass storm window from the hardware store will
>> supply strips for the end and center insulators... A chunk of 300 ohm
>> TV twin lead will supply the folded dipole material... A roll of coax,
>> some solder, and a pieces of small rope, and you are in business... A

>> hack saw will cut the plexi (so will a skill saw or table saw)...
>> Why not make one for 10 meters as a starter until spring comes... This
>> can be hung between two trees <or whatever> so it is at least head high
>> and will give you some fun when the band opens here and there..... You
>> can check the formula for length versus resonant frequency...
>>
>> denny / k8do
>>
>

4136. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 15:31:13 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <5Hcih.1219$x67.529@newssvr17.news.prodigy.net>
Source record: 47810

Wes wrote:
> I don't give a damn what they call it, here's a definition of
> precipitation:
>
> precipitation n. a: a deposit on the earth of hail, mist, rain, sleet
> or snow: also: the quantity of water deposited.
>
> I don't see anything about dirt.

As you know, words often have a different technical
meaning than their common Webster's dictionary meaning.
The adjective "precipitation" modifying "static" or
"noise" has been extended to dust as well as rain or
snow, just as the p-static definition indicates.

Airplanes flying through rain, snow, and dust exhibit
the same physical phenomena so dust has been included
as one of the causes of precipitation static. A web
search will prove that to be true. Example quotes:

****

Volume 2, Issue 4 (December 1945)
Journal of the Atmospheric Sciences

Article: pp. 205ï¿½213 | PDF (801K)
METEOROLOGICAL ASPECTS OF PRECIPITATION STATIC

Robert C. Edwards, Lieutenant U.S.N.R. and George W. Brock,
Captain U. S. A. A. F.

ABSTRACT

Precipitation static, a result of electrification of aircraft
in flight, can cause loss of radio communication for long periods
of time. Electrification may consist of either of two types,
ï¿½autogenousï¿½ or ï¿½exogenousï¿½ electrification; autogenous electrification
occurs when snow, *dust* or rain strike the surface of the aircraft,
while exogenous electrification results from an aircraft being placed in
a pre-existing atmospheric electric field. Serious autogenous
electrification occurs only in snow and *dust* storms; ...

****

Please note the date. Precipitation static from dust has been
recognized for more than half a century. There are many more
references available. One advertisement asks the following

question:

****

Ads by GooooooogleMicro Air *Dust* Collectors
Tired of cleaning electrostatic *precipitator* cells?
www.microaironline.com

****

SAE Technical Papers
Title: *Precipitation-Static* (P-Static) Overview of Composite Aircraft, Document Number: 2001-01-2933

Author(s):
Jerry W. Thornell - The Boeing Co.

Abstract:
Aircraft charging due to *p-static* results from two atmospheric conditions: 1) the vehicle's presence in a thunderstorm, and 2) the triboelectric charging (frictional) caused by neutral snow, rain, or *dust* particle bombardment of the vehicle frontal surface.

****

Development of Transparent Materials Which Reduce Effects of *Precipitation Static* in Aircraft
Authors: M. U. Cohen; George A. Dalin; BALCO RESEARCH LABS NEWARK NJ

Abstract: Methods of laying a transparent electrically conductive film on plastic airplane canopies are discussed. The purpose of such films is to conduct to the aircraft frame the static charges developed on the canopies by friction with air, *dust*, snow, etc., during flight.

****

From: http://www.faa.gov/ATpubs/AIM/Chap7/aim0705.html

7-5-11. Precipitation Static

a. *Precipitation static* is caused by aircraft in flight coming in contact with uncharged particles. These particles can be rain, snow, fog, sleet, hail, volcanic ash, *dust*; any solid or liquid particles.
--
73, Cecil http://www.w5dxp.com

4137. Re: A Moment To Appeciate a Good Thing.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 15:47:57 UTC
From: Caveat Lector <CL@nowhere.com>
Message-ID: <OWcih.119443$xM4.37492@newsfe07.phx>
Source record: 47811
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

From FCC Part 97

(b) In addition to one-way transmissions specifically authorized elsewhere in this Part, an amateur station may transmit the following types of one-way communications:

(1) Brief transmissions necessary to make adjustments to the station;
97.119 Station identification.
(a) Each amateur station, except a space station or telecommand station, must transmit its assigned call sign on its transmitting channel at the end of each communication, and at least every ten minutes during a communication, for the purpose of clearly making the source of the transmissions from the station known to those receiving the transmissions.

So you have 10 minutes before u need ID

"Sal M. Onella" <salmonella@food.poisoning.org> wrote in message news:183ih.29107$6J4.11839@newsfe08.phx...
>
> "Sal M. Onella" <salmonella@food.poisoning.org> wrote in message
> news:UV2ih.109035$xM4.67362@newsfe07.phx...
>>
>> I'm working on my first HF antenna. Hand-built for 10M, it will be --
>> and
>> on the air as soon as I'm legal.
>>
>
> Speaking of legal, when I'm doing low-power antenna tests for matching,
> what's the protocol for ID'ing? My antenna experience is limited to FM,
> where I easily ID through the mike with one hand while twiddling the SWR
> meter with the other.
>
> However, if I steady-key on HF to measure VSWR, I obviously can't ID; if I
> use voice, the needle's bouncing.
>
> Does the HF community tolerate occasional non-ID'ed transmissions for
> essential testing????
>
> TKS
>
> "Sal"
>
>
>

4138. Re: Propagation Characteristics Of the 60 Meter Band ??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 16:09:44 UTC
From: Caveat Lector <CL@nowhere.com>
Message-ID: <dfdih.120099$xM4.94031@newsfe07.phx>
Source record: 47812

Thanks folks for the comments -- appreciated -- CL

"Dave" <W1MCE@comcast.net> wrote in message
news:0MidnX-jkMnn3hTYnZ2dnUVZ_u2mnZ2d@comcast.com...
>I am in W1-land.
>
> My antenna is a 150 feet long CF doublet using tuned feeders.
>
> My log shows:
>
> 1] daytime, 9:00 am through 3:00 pm ... up to 300 miles
> 2] sunrise/sunset up to daytime ... up to 1000 miles
> 3] dark ... up to 3000 miles [I have G1 confirmed], also St. Lucia in the
> Caribbean.
>
> Running 40 watts ERP.
>
> /s/ Dd, W1MCE
>
> Caveat Lector wrote:
>
>> I need to write up a brief description of the propagation characteristics
>> of this band.
>> Being it is between the 40 Meter and 80 meter band, I assume the 60 meter
>> band is local or very poor during the day. At night in the winter months,
>> propagation should offer characteristics similar to the 40 meter and 80
>> meter bands. Have read some reports of NVIS being used successfully for
>> local day communications.
>>
>> Given that few countries (United States, United Kingdom, Norway and
>> Iceland) have privileges here and considering the power restrictions ---
>> (Amateurs may use USB *only* with a maximum effective radiated power
>> (ERP) of 50 W. Radiated power must not exceed the equivalent of 50 W PEP
>> transmitter output power into an antenna with a gain of 0 dBd), it would
>> seem domestic contacts (USA) are most likely.
>>
>> Any comments are appreciated. Post here is fine.
>> I remain incognito on the NG's due to bad experiences in the past.
>> TIA
>> 73 & Happy Holidays -- CL
>

4139. Re: 30 helpful hints to help new and No-code hams. Monthly post.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 16:12:44 UTC
From: "H. Adam stevens, NQ5H" <NQ5H@ARRL.net>
Message-ID: <12oio7sat3pp727@corp.supernews.com>
Source record: 47813
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.policy

"Jimmie D" <jimmiedee@bellsouth.net> wrote in message
news:ipbih.3867$h_1.1863@bignews6.bellsouth.net...
>
>>
>> At least Spark is gone.
>> -sniff
>>
>> Unless your neighbor has an electric fence.
>>
>>
>>
>
> Spark wouldnt be gone either if it werent made illegal
>
True, but it was a little wide.

OTOH some power companies run great spark transmitters.

73

4140. Re: Rectangular waveguide

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 16:25:41 UTC
From: Wimpie <wimtel@tetech.nl>
Message-ID: <1166631941.501658.62740@80g2000cwy.googlegroups.com>
Source record: 47814

laura_pretty05@yahoo.com.hk ha escrito:

> In air-filled rectangular waveguide, what is the meaning by " the
> operating frequency is to be at least 25% greater than the cutoff
> frequency of the dominant mode"?
> Can show it in mathematically?
> Thanks
>
> Laura

Hello Laura,

Regarding your rectangular wave guide question:

Mostly a waveguide for energy transport is not used close to the cut-off frequencies. If you do, the losses of the guide will be high. At the cut-off frequency (and below for H10 mode), the wave vanishes exponentially of a short distance.

To reduce the losses, you should choose the operation frequency well above the cut-off frequency of the propagation mode that you want to use. Minimal loss is obtained around twice the cut-off frequency for H10 mode (H10 mode, H-field has component in direction of propagation, E-field has not, there is one E-field maximum along the largest width of the guide).

Many modes of propagation can exist, especially when the operating frequency is far above the lowest cut-off frequency and other geometry is used. The way of excitation (for example coax to waveguide converter), together with the waveguide dimensions determine the "dominant" propagation mode.

Besides the waveguide loss, there is also a group velocity. Close to the cut-off frequency, the group velocity changes strongly with frequency. This introduces envelope distortion of the propagated signal (if you were using AM). Of course this only counts for very wide band signals.

Best Regards,
Wim

4141. Re: Determining if reactance is capacitive or inductive.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 17:16:47 UTC
From: KC2PIH@gmail.com
Message-ID: <1166635007.349841.50240@i12g2000cwa.googlegroups.com>
Source record: 47815

I thought the SWR curve looked strange as well. The SWR has a weird
curve across the entire band. The antenna is actually a 4 element quad.
Its fed with a W2DU style VHF 1:1 balun. The coax is a short run of
RG-8X. The RG-8X uses PL-259s on both ends and I soldered a SO-239 onto
the coax for the balun (see pictures). Any issue with using PL259s and
a SO239?

Here is a picture of the feed system:
http://www.wu2x.com:8888/usenet/P1010062.JPG

Here is a picture of the antenna under test:
http://www.wu2x.com:8888/usenet/P1010058.JPG

This is the data graphed out, so its easier to see:
http://www.wu2x.com/usenet/ReadingA-ReadingB.htm

I took measurements with it fed for vertical polarization and
horizontal polarization. The results are both shown on the graphs.

-Scott, WU2X

Richard Clark wrote:
> On 19 Dec 2006 22:41:37 -0800, KC2PIH@gmail.com wrote:
>
> >Here are the values I measured:
>
> Hi Scott,
>
> This looks like one sick puppy. Is it a dipole or a monopole? Try
> adding some feedline decoupling/choking (and again a quarter wave away
> from the feed point) and repeating your measurements.
>
> 73's
> Richard Clark, KB7QHC

4142. Re: A Moment To Appeciate a Good Thing.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 17:18:19 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1166635099.497043.121190@79g2000cws.googlegroups.com>
Source record: 47816
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

"So you have 10 minutes before u need ID "

This is true, but I always begin and end a tuning or test transmission
with "N3OX TESTING" in fast CW.

It will make those who hear your 1W loud and clear happier. They'll
know someone is running tests instead of just sitting on their key.

Dan

4143. Re: Determining if reactance is capacitive or inductive.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 17:26:23 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1166635583.883239.170850@48g2000cwx.googlegroups.com>
Source record: 47817

Your coax is what, 10-12 feet long? That's pushing a couple of wavelengths on 2m, but isn't quite there.

To read the impedance of the antenna directly and get a good set of resistance and reactance curves clearly, you need probably less than a foot of coax, or an exact multiple of an electrical half wavelength (so exactly 2 wavelengths * velocity factor would do it). You can use your MFJ-259 to cut the line.

It's possible to transform your impedance readings into the antenna's impedance if you know the (random) electrical length and loss of the coax and are handy with a Smith chart or have some other calculating ability.

Exact multiple of a half wave is easier... it's an impedance repeater, aside from the loss in the line. To that end, I'd use an exact multiple of half wave of better coax... RG-8 or 9913 or something.

73,
Dan

4144. Re: A Moment To Appeciate a Good Thing.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 17:30:17 UTC
From: Caveat Lector <CL@nowhere.com>
Message-ID: <Mqeih.7$sp7.4@newsfe14.phx>
Source record: 47818
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

Agree -- tis good practice but not required by the FCC Rules -- CL

<n3ox.dan@gmail.com> wrote in message
news:1166635099.497043.121190@79g2000cws.googlegroups.com...
> "So you have 10 minutes before u need ID "
>
> This is true, but I always begin and end a tuning or test transmission
> with "N3OX TESTING" in fast CW.
>
> It will make those who hear your 1W loud and clear happier. They'll
> know someone is running tests instead of just sitting on their key.
>
> Dan
>

4145. my next porblem

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 17:43:21 UTC
From: "Mark@kb9rqz.aspr" <Mark@kp9rqz.asr>
Message-ID: <45896979$0$15527$88260bb3@free.teranews.com>
Source record: 47819
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,alt.ham-radio.vhf-uhf,rec.radio.amateur.misc,rec.radio.shortwave

I am way two stoopid to pass teh extra witten ham test so I wil awlays be a
tecnican class orpeator see U on too metrers
http://www.marksspamblog.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4146. Re: Crankup Antenna as Vertical

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 17:51:16 UTC
From: Bob Dixon <dixon.8@osu.edu>
Message-ID: <dixon.8-F7816D.12511620122006@charm.magnus.acs.ohio-state.edu>
Source record: 47820

I have successfully done exactly what you propose. I have one crankup
tower that works on 80 and another that works on 160. Both benefit from
HF and VHF antennas on the top for top loading.

There was an article about this some years ago, I think in CQ.

The main trick is to operate the tower as a reverse ground plane.
At the highest point on the tower which does not move, attach the ground
side of the coax to the tower (bare metal). Also install 4
quarter-wavelength insulated horizontal radials from that point to
remote points, such as trees etc. Connect all the radials and the
center conductor of the coax together.
Then run the tower up and down and tune for minimum swr. My larger
tower with several HF beams on it tunes fine on 160. My smaller tower
with VHF beams on it tunes fine on 80. The last time I used it, I worked
Morocco on 75 SSB in the late afternoon.

As the tower moves, the connection is not perfect, so the SWR jumps
around a little. But once the tower stops moving, the connection is
solid and works fine.

Bob W8ERD

In article <u1e0o2dh5ckps6a8opu6a5gp7demf8iiu8@4ax.com>,
John Ferrell <johnferrell@sprintmail.com> wrote:

> On Mon, 11 Dec 2006 20:04:23 -0500, "Jimmie D"
> <jimmiedee@bellsouth.net> wrote:
>
> >I am considering using a crankup antenna as a1/4 wl antenna on 75/80m and
> >was wondering if ther is any history of someone doing this and using the
> >crankup feature for tuning the antenna. My guess is that it would be too
> >difficult to maintain electrical contact between the movable and stationary
> >pieces to be able to do this but still I am interested if anyone has
> >successfully pulled this off and how they did it.
> >
> >Jimmie
> >
> I have a tubular crank up as you describe. I have never even attempted
> to use the tower as a radiator because of the number of for seeable
> problems. Since it is grounded, a shunt feed of some sort would be
> required. It seems that anything that changes on the tower requires a
> corresponding adjustment in the feed.
>
> The raising scheme in my tower presents an unpredictable electrical
> bond in the structure. I don't think minute to minute conditions are

> predictable.
>
> I considered a steel tape measure alongside the tower as a radiator,
> but the model of a grounded structure did look promising!
>
> A remote antenna tuner might show some promise but I will shy away
> from it for fear of damaging the electronics with a rapidly changing
> load.
>
> As long as there is a need to raise & lower the mast anything
> (dipoles, inv v, etc) are messy when lowered.
>
> I consider it essential to be able to retract my tubular mast with a
> Cushcraft A# on it!
>
> John Ferrell W8CCW

4147. Re: Determining if reactance is capacitive or inductive.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 18:13:53 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <ntuio299lpoker85t35klhgmdkfok07eo9@4ax.com>
Source record: 47821

On 20 Dec 2006 09:16:47 -0800, KC2PIH@gmail.com wrote:

>I thought the SWR curve looked strange as well. The SWR has a weird
>curve across the entire band. The antenna is actually a 4 element quad.
>Its fed with a W2DU style VHF 1:1 balun.

Hi Scott,

Well, I can plainly see the BalUn in the first picture. To be completely decoupled a second one a quarterwave away on the feedline would help, but the numbers look far more whacked out than that might cure (because it probably isn't the problem to cure).

>The coax is a short run of
>RG-8X. The RG-8X uses PL-259s on both ends and I soldered a SO-239 onto
>the coax for the balun (see pictures). Any issue with using PL259s and
>a SO239?

I notice from the picture you don't seal anything. Those connectors are leakier than a sieve.

Aside from these comments, perhaps you should validate your meter by measuring known loads. It sounds simple, but in the VHF it is not. Common garden variety components like resistors and capacitors have values that diverge greatly from their markings. So, some care in their selection (or construction) is warranted.

Anyway, grabbing components out of your junk-box would serve as a first pass attempt, but it shouldn't end there.

73's
Richard Clark, KB7QHC

4148. Re: Determining if reactance is capacitive or inductive.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 18:32:28 UTC
From: KC2PIH@gmail.com
Message-ID: <1166639548.840164.141470@t46g2000cwa.googlegroups.com>
Source record: 47822

Its not that I am trying to get the exact feedpoint impedance values
from the antenna. I understand how 50 Ohm coax affects the values that
I've measured. I was originally trying understand how to determine if a
reactance
value was capacitive or inductive.

I do see now that when I use NEC2 to plot the values for this antenna,
the resistance and reactance appear more linear across the frequency
range I measured. I see if I apply the logic of the MFJ manual to the
plot from NEC2, it makes sense and that my data is all over the place.
For what reasons I do not know. I do not think the feedline is
radiating. Maybe it is just the meter. Or perhaps some larger deviation
from 50 ohms in the coax and connectors.

And Richard - the antenna doesn't stay outside, that is why its not
sealed. This is just rigged up for testing.

-Scott, WU2X

n3ox.dan@gmail.com wrote:
> Your coax is what, 10-12 feet long? That's pushing a couple of
> wavelengths on 2m, but isn't quite there.
>
> To read the impedance of the antenna directly and get a good set of
> resistance and reactance curves clearly, you need probably less than a
> foot of coax, or an exact multiple of an electrical half wavelength (so
> exactly 2 wavelengths * velocity factor would do it). You can use your
> MFJ-259 to cut the line.
>
> It's possible to transform your impedance readings into the antenna's
> impedance if you know the (random) electrical length and loss of the
> coax and are handy with a Smith chart or have some other calculating
> ability.
>
> Exact multiple of a half wave is easier... it's an impedance repeater,
> aside from the loss in the line. To that end, I'd use an exact
> multiple of half wave of better coax... RG-8 or 9913 or something.
>
> 73,
> Dan

4149. Re: Determining if reactance is capacitive or inductive.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 18:33:57 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <CIfih.872$_X.333@bigfe9>
Source record: 47823

<n3ox.dan@gmail.com> wrote in message
news:1166622161.161532.218750@t46g2000cwa.googlegroups.com...
> Looks like coax to me too....
>
> Another problem is that the MFJ-259 isn't a very good VHF impedance
> meter. The resistance and reactance readings aren't going to be at all
> reliable on 2m, unless the impedance is close to 50 ohms, resistive.
>
> I recently recalibrated mine since it was giving weird results on
> purely reactive loads. The calibration procedure checks resistive
> loads of 12.5, 50, 75, 100, and 200 ohms. I used SMT resistors on BNC
> connectors as decent loads.
>
> After I did the calibration, the 200 ohm load at 144MHz reads something
> like R=80 X=50!
>
> In the VHF range, even a good N-connectorized 50 ohm termination shows
> a little tiny bit of reactance. R=49, X=7 or something like that.
>
>>From 1.7-30 MHz my 200 ohm load reads R=200, X=0. Up to about 60 MHz,
> a little "reactance" creeps in, some of which may be genuine
> (connectors and adapters), but much of which is simply due to the
> bridge being substantially off up there.
>
> If you want to do experiments with the '259's capabilities and plot
> resistance and reactance curves, work on HF instead...
>
> That said, if you're doing this through coax, try it again without and
> your results might make more sense... you are "close" to 50 ohms
> resistive...
>
> Dan
>
I tried using one of those MFJ analyzers on 2M and it didnt work so great.
One of the big problems wa that my presence would effect the reading. I
could see the reading changed as I walked toward the antenna. I had the same
problem with cable length. An SWR meter became more valuable.

4150. Re: Determining if reactance is capacitive or inductive.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 18:39:43 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <0rfih.874$_X.558@bigfe9>
Source record: 47824

<KC2PIH@gmail.com> wrote in message
news:1166639548.840164.141470@t46g2000cwa.googlegroups.com...
> Its not that I am trying to get the exact feedpoint impedance values
> from the antenna. I understand how 50 Ohm coax affects the values that
> I've measured. I was originally trying understand how to determine if a
> reactance
> value was capacitive or inductive.
>
> I do see now that when I use NEC2 to plot the values for this antenna,
> the resistance and reactance appear more linear across the frequency
> range I measured. I see if I apply the logic of the MFJ manual to the
> plot from NEC2, it makes sense and that my data is all over the place.
> For what reasons I do not know. I do not think the feedline is
> radiating. Maybe it is just the meter. Or perhaps some larger deviation
> from 50 ohms in the coax and connectors.
>
> And Richard - the antenna doesn't stay outside, that is why its not
> sealed. This is just rigged up for testing.
>
> -Scott, WU2X
>
> n3ox.dan@gmail.com wrote:
>> Your coax is what, 10-12 feet long? That's pushing a couple of
>> wavelengths on 2m, but isn't quite there.
>>
>> To read the impedance of the antenna directly and get a good set of
>> resistance and reactance curves clearly, you need probably less than a
>> foot of coax, or an exact multiple of an electrical half wavelength (so
>> exactly 2 wavelengths * velocity factor would do it). You can use your
>> MFJ-259 to cut the line.
>>
>> It's possible to transform your impedance readings into the antenna's
>> impedance if you know the (random) electrical length and loss of the
>> coax and are handy with a Smith chart or have some other calculating
>> ability.
>>
>> Exact multiple of a half wave is easier... it's an impedance repeater,
>> aside from the loss in the line. To that end, I'd use an exact
>> multiple of half wave of better coax... RG-8 or 9913 or something.
>>
>> 73,
>> Dan
>

It may be YOU that is causing the vaules to be so erratic. Your pressence
can detune the antenna.
10- 12 feet is too close.

4151. 10 Meter J Pole& Ladder Line

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 19:06:54 UTC
From: cutress <cutress@computan.on.ca>
Message-ID: <fcgih.4$hM1.79@newscontent-01.sprint.ca>
Source record: 47677

Hi,anyone tried a J pole ant. for 10 meter's using 450 ohm ladder line.What were the results?

tnx

4152. Re: Determining if reactance is capacitive or inductive.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 19:11:06 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <eVfih.39261$qO4.852@newssvr13.news.prodigy.net>
Source record: 47676

Jimmie D wrote:
> It may be YOU that is causing the vaules to be so erratic. Your pressence
> can detune the antenna.

Some of us are very close to one wavelength tall. :-)
--
73, Cecil http://www.w5dxp.com

4153. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 19:11:56 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <emc1tv$el0$1@aioe.org>
Source record: 47825

Thank you Cecil for your patience and service to ham radio humanity in opening eyes and minds of many of us regardless of being shot at by some of the all-knowing.

73 and Merry Christmas to all!

Yuri, K3BU

"Cecil Moore" <mycall@hotmail.com> wrote in message news:5Hcih.1219$x67.529@newssvr17.news.prodigy.net...
> Wes wrote:
>> I don't give a damn what they call it, here's a definition of
>> precipitation:
>>
>> precipitation n. a: a deposit on the earth of hail, mist, rain, sleet
>> or snow: also: the quantity of water deposited.
>>
>> I don't see anything about dirt.
>
> As you know, words often have a different technical
> meaning than their common Webster's dictionary meaning.
> The adjective "precipitation" modifying "static" or
> "noise" has been extended to dust as well as rain or
> snow, just as the p-static definition indicates.
>
> Airplanes flying through rain, snow, and dust exhibit
> the same physical phenomena so dust has been included
> as one of the causes of precipitation static. A web
> search will prove that to be true. Example quotes:
>
> **********
>
> Volume 2, Issue 4 (December 1945)
> Journal of the Atmospheric Sciences
>
> Article: pp. 205–213 | PDF (801K)
> METEOROLOGICAL ASPECTS OF PRECIPITATION STATIC
>
> Robert C. Edwards, Lieutenant U.S.N.R. and George W. Brock,
> Captain U. S. A. A. F.
>
> ABSTRACT
>
> *Precipitation static*, a result of electrification of aircraft

> in flight, can cause loss of radio communication for long periods
> of time. Electrification may consist of either of two types,
> ?autogenous? or ?exogenous? electrification; autogenous electrification
> occurs when snow, *dust* or rain strike the surface of the aircraft,
> while exogenous electrification results from an aircraft being placed in
> a pre-existing atmospheric electric field. Serious autogenous
> electrification occurs only in snow and *dust* storms; ...
>
> ***
>
> Please note the date. Precipitation static from dust has been
> recognized for more than half a century. There are many more
> references available. One advertisement asks the following
> question:
>
> ***
>
> Ads by GooooooogleMicro Air *Dust* Collectors
> Tired of cleaning electrostatic *precipitator* cells?
> www.microaironline.com
>
> ***
>
> SAE Technical Papers
> Title: *Precipitation-Static* (P-Static) Overview of Composite
> Aircraft, Document Number: 2001-01-2933
>
> Author(s):
> Jerry W. Thornell - The Boeing Co.
>
> Abstract:
> Aircraft charging due to *p-static* results from two atmospheric
> conditions: 1) the vehicle's presence in a thunderstorm, and 2)
> the triboelectric charging (frictional) caused by neutral snow,
> rain, or *dust* particle bombardment of the vehicle frontal surface.
>
> ***
>
> Development of Transparent Materials Which Reduce Effects of
> *Precipitation Static* in Aircraft
> Authors: M. U. Cohen; George A. Dalin; BALCO RESEARCH LABS NEWARK NJ
>
> Abstract: Methods of laying a transparent electrically conductive
> film on plastic airplane canopies are discussed. The purpose of
> such films is to conduct to the aircraft frame the static charges
> developed on the canopies by friction with air, *dust*, snow, etc.,
> during flight.
>
> ***

>
> From: http://www.faa.gov/ATpubs/AIM/Chap7/aim0705.html
>
> 7-5-11. Precipitation Static
>
> a. *Precipitation static* is caused by aircraft in flight coming in
> contact with uncharged particles. These particles can be rain, snow,
> fog, sleet, hail, volcanic ash, *dust*; any solid or liquid particles.
> --
> 73, Cecil http://www.w5dxp.com

4154. Re: Determining if reactance is capacitive or inductive.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 19:26:46 UTC
From: KC2PIH@gmail.com
Message-ID: <1166642806.850143.20420@t46g2000cwa.googlegroups.com>
Source record: 47678

I never actually said 10 -12 feet. My coax is 20 feet long. My
movement doesn't change the values at all. These values aren't erratic
either. You can move the coax around on the boom and mast and it
doesn't make the slightest difference on the readings.

Oh well, maybe I'll have to move my prototyping to the 6 meter band.

-Scott, WU2X

Jimmie D wrote:
> <KC2PIH@gmail.com> wrote in message
> news:1166639548.840164.141470@t46g2000cwa.googlegroups.com...
> > Its not that I am trying to get the exact feedpoint impedance values
> > from the antenna. I understand how 50 Ohm coax affects the values that
> > I've measured. I was originally trying understand how to determine if a
> > reactance
> > value was capacitive or inductive.
> >
> > I do see now that when I use NEC2 to plot the values for this antenna,
> > the resistance and reactance appear more linear across the frequency
> > range I measured. I see if I apply the logic of the MFJ manual to the
> > plot from NEC2, it makes sense and that my data is all over the place.
> > For what reasons I do not know. I do not think the feedline is
> > radiating. Maybe it is just the meter. Or perhaps some larger deviation
> > from 50 ohms in the coax and connectors.
> >
> > And Richard - the antenna doesn't stay outside, that is why its not
> > sealed. This is just rigged up for testing.
> >
> > -Scott, WU2X
> >
> > n3ox.dan@gmail.com wrote:
> >> Your coax is what, 10-12 feet long? That's pushing a couple of
> >> wavelengths on 2m, but isn't quite there.
> >>
> >> To read the impedance of the antenna directly and get a good set of
> >> resistance and reactance curves clearly, you need probably less than a
> >> foot of coax, or an exact multiple of an electrical half wavelength (so
> >> exactly 2 wavelengths * velocity factor would do it). You can use your
> >> MFJ-259 to cut the line.
> >>
> >> It's possible to transform your impedance readings into the antenna's
> >> impedance if you know the (random) electrical length and loss of the
> >> coax and are handy with a Smith chart or have some other calculating
> >> ability.

> >>
> >> Exact multiple of a half wave is easier... it's an impedance repeater,
> >> aside from the loss in the line. To that end, I'd use an exact
> >> multiple of half wave of better coax... RG-8 or 9913 or something.
> >>
> >> 73,
> >> Dan
> >
>
> It may be YOU that is causing the vaules to be so erratic. Your pressence
> can detune the antenna.
> 10- 12 feet is too close.

4155. Re: Determining if reactance is capacitive or inductive.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 19:35:49 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <Dfgih.876$_X.459@bigfe9>
Source record: 47679

Sorry but by the time I read the whole thread........

<KC2PIH@gmail.com> wrote in message
news:1166642806.850143.20420@t46g2000cwa.googlegroups.com...
>I never actually said 10 -12 feet. My coax is 20 feet long. My
> movement doesn't change the values at all. These values aren't erratic
> either. You can move the coax around on the boom and mast and it
> doesn't make the slightest difference on the readings.
>
> Oh well, maybe I'll have to move my prototyping to the 6 meter band.
>
> -Scott, WU2X
>
> Jimmie D wrote:
>> <KC2PIH@gmail.com> wrote in message
>> news:1166639548.840164.141470@t46g2000cwa.googlegroups.com...
>> > Its not that I am trying to get the exact feedpoint impedance values
>> > from the antenna. I understand how 50 Ohm coax affects the values that
>> > I've measured. I was originally trying understand how to determine if a
>> > reactance
>> > value was capacitive or inductive.
>> >
>> > I do see now that when I use NEC2 to plot the values for this antenna,
>> > the resistance and reactance appear more linear across the frequency
>> > range I measured. I see if I apply the logic of the MFJ manual to the
>> > plot from NEC2, it makes sense and that my data is all over the place.
>> > For what reasons I do not know. I do not think the feedline is
>> > radiating. Maybe it is just the meter. Or perhaps some larger deviation
>> > from 50 ohms in the coax and connectors.
>> >
>> > And Richard - the antenna doesn't stay outside, that is why its not
>> > sealed. This is just rigged up for testing.
>> >
>> > -Scott, WU2X
>> >
>> > n3ox.dan@gmail.com wrote:
>> >> Your coax is what, 10-12 feet long? That's pushing a couple of
>> >> wavelengths on 2m, but isn't quite there.
>> >>
>> >> To read the impedance of the antenna directly and get a good set of
>> >> resistance and reactance curves clearly, you need probably less than a
>> >> foot of coax, or an exact multiple of an electrical half wavelength
>> >> (so
>> >> exactly 2 wavelengths * velocity factor would do it). You can use

>> >> your
>> >> MFJ-259 to cut the line.
>> >>
>> >> It's possible to transform your impedance readings into the antenna's
>> >> impedance if you know the (random) electrical length and loss of the
>> >> coax and are handy with a Smith chart or have some other calculating
>> >> ability.
>> >>
>> >> Exact multiple of a half wave is easier... it's an impedance repeater,
>> >> aside from the loss in the line. To that end, I'd use an exact
>> >> multiple of half wave of better coax... RG-8 or 9913 or something.
>> >>
>> >> 73,
>> >> Dan
>> >
>>
>> It may be YOU that is causing the vaules to be so erratic. Your pressence
>> can detune the antenna.
>> 10- 12 feet is too close.
>

4156. Re: Determining if reactance is capacitive or inductive.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 19:35:56 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <emc3av$i9j$1@aioe.org>
Source record: 47680

Looks like you have a double dip in impedance typical for staggered tuned antenna. Is one of the elements "pulling" it or maybe effect of the other balun and coax within the antenna? (It is in the same plane as the feed and might be resonant causing the "other" dip. Something like OWA Yagi.) Try to remove it or check the element dimensions.

73 Yuri, K3BU

<KC2PIH@gmail.com> wrote in message
news:1166635007.349841.50240@i12g2000cwa.googlegroups.com...
>I thought the SWR curve looked strange as well. The SWR has a weird
> curve across the entire band. The antenna is actually a 4 element quad.
> Its fed with a W2DU style VHF 1:1 balun. The coax is a short run of
> RG-8X. The RG-8X uses PL-259s on both ends and I soldered a SO-239 onto
> the coax for the balun (see pictures). Any issue with using PL259s and
> a SO239?
>
> Here is a picture of the feed system:
> http://www.wu2x.com:8888/usenet/P1010062.JPG
>
> Here is a picture of the antenna under test:
> http://www.wu2x.com:8888/usenet/P1010058.JPG
>
> This is the data graphed out, so its easier to see:
> http://www.wu2x.com/usenet/ReadingA-ReadingB.htm
>
> I took measurements with it fed for vertical polarization and
> horizontal polarization. The results are both shown on the graphs.
>
> -Scott, WU2X

4157. Re: 10 Meter J Pole& Ladder Line

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 19:42:49 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <amgih.877$_X.546@bigfe9>
Source record: 47681

"cutress" <cutress@computan.on.ca> wrote in message
news:fcgih.4$hM1.79@newscontent-01.sprint.ca...
> Hi,anyone tried a J pole ant. for 10 meter's using 450 ohm ladder
> line.What were the results?
>
> tnx
>

Made one using EMT conduit.
Did a 20M vertcal endfed with a stub made of ladder line. Works as expected.

If I were doing it again I would make it 5/8ths. IMO the 5/8 would be easier
to tune up.

4158. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 19:49:49 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <emc45qbsq1@news.service.uci.edu>
Source record: 47682

Cecil Moore wrote:
> Jim Kelley wrote:
>
>> The antenna is still just as likely to produce precipitation static
>> noise however.
>
>
> It is unlikely that dissimilar antennas will
> produce identical responses to anything including
> static.

Sorry if I gave that impression. I simply meant that a folded dipole is just as likely to produce precipitation static noise as a dipole antenna.

Merry Christmas de AC6XG

4159. Re: 30 helpful hints to help new and No-code hams. Monthly post.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 20:27:15 UTC
From: Mark@kb9rqz.aprs
Message-ID: <s37jo2pe2dutqfqiv9rec0gu1mevunu4ha@4ax.com>
Source record: 47683
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.policy

On Wed, 20 Dec 2006 02:06:19 -0500, "Radiosrfun"
<Radiosrfun@radiosrfun.com> wrote:

>"Sal M. Onella" <salmonella@food.poisoning.org> wrote in message
>news:FF2ih.148006$HO4.61647@newsfe06.phx...
>>
>> "Radiosrfun" <Radiosrfun@radiosrfun.com> wrote in message
>> news:4586c899$0$27432$ecde5a14@news.coretel.net...
>>
>>> The code is GONE - there is nothing we can do about its demise -
>>
>> Well, it's not that extreme. Is AM gone? (No, it just isn't very popular
>> among the current crowd.)
>>
>> Is RTTY gone? (No, it just isn't very popular among the current crowd.)
>>
>> Is packet gone? (No, it just ... etc, etc, etc)
>>
>> I'm going to quit now before I get too obvious :-)
>>
>>
>> "Sal"
>> In total agreement that radios-r-fun.
>>
>>
>
>I didn't mean CW was "gone" in the sense of no longer able to be used! I
>meant only in the "testing" - which has spawned months if not years of
>hateful arguments -
more like 2 decadesmof increasingly bitter and vicous fighting

>so it is pointless to remain at odds with others over
>it. Sure - CW, AM, RTTY, etc - are still all there to be used and enjoyed by
>those with personal preference. And as well - they should be! Use them to
>your hearts content!
>
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4160. does steve realy have a job?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 20:35:16 UTC
From: Mark@kb9rqz.aprs
Message-ID: <2j7jo25776512imq3d931ud5kj3rncbp3v@4ax.com>
Source record: 47684
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,alt.ham-radio.vhf-uhf,rec.radio.amateur.misc,rec.radio.shortwave

On Wed, 20 Dec 2006 12:43:21 -0500, "Mark@kb9rqz.aspr"
<Mark@kp9rqz.asr> wrote:

>I am way two stoopid to pass teh extra witten ham test so I wil awlays be a
>tecnican class orpeator see U on too metrers

I know you are toostupid woger that is why yo keep stealing other
peoples names
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4161. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 21:23:31 UTC
From: chuck <nospam@nospam.org>
Message-ID: <1166649887_9@sp6iad.superfeed.net>
Source record: 47685

Jim Kelley wrote:

>
> Hi Cecil -
> Just a small bit of elaboration on your point - the arc is the result of
> the accumulation of a sufficient amount of charge to facilitate an
> electrical discharge in air. Static is heard in the receiver as the
> charge is being acquired,

Hi Jim,

Can you elaborate further on your understanding of just how an
ungrounded antenna wire that receives an increment of charge causes a
response in the receiver as the charge is being acquired?

If dust particles are charged as raindrops are (mixed polarity and
magnitude) a typical incremental charge is on the order of 8
picocoulomb. Do we have an understanding of how much power would be
transmitted to the 50 ohm input impedance of the receiver by such an
incremental charge and the mechanism by which that transmission takes
place? Based on anecdotal info, it is not unusual for these impulses to
appear at an average level of several S-units.

Thanks for any insights you can share.

Chuck, NT3G

but an AGC limited pop would be heard when an
> arc occurs. (And sometimes nothing at all after the latter :-)
>
>> Putting up a 40m folded dipole caused
>> the arcing to cease.
>
> That's right. The accumulated electrostatic charge would be distributed
> uniformly along the length of such an antenna. Both ends of the antenna
> would therefore be at the same potential, so there is no propensity to
> arc across them. If at least one of the antenna terminals on the rig is
> grounded, the likelihood that the antenna will accumulate a significant
> amount of charge is greatly reduced. The antenna is still just as
> likely to produce precipitation static noise however. If the receiver
> input was strictly differential, then it would indeed be completely
> insensitive to common mode signals and noise.
>
> 73, ac6xg
>

-----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

4162. Re: Determining if reactance is capacitive or inductive.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 21:47:57 UTC
From: Owen Duffy <none@no.where>
Message-ID: <Xns98A057C3574C0nonenowhere@61.9.191.5>
Source record: 47686

KC2PIH@gmail.com wrote in news:1166596897.289275.21440@
48g2000cwx.googlegroups.com:

> Today I was making some measurements with my MFJ-259B. From the manual,
> I read:
...
>
> What concept am I screwing up here?

Scott, your measurments are all over the place like a wild woman's
whatchamacallits.

Is the broadband detector in the MFJ being influeced by RFenergy received
by the antenna? That will make the readings worthless. Just try a quality
reflectometer (eg a Bird 43) and see if the readings are consistent with
the '259... if they aren't ask yourself why.

My experience (like others reported in the thread) is the MFJ259B is
potentially misleading on 2m.

As for your original question, MFJ's hint is useful, but visualise where
your observations mapped on a Smith chart, and assumption of one of the
two possible signs for the reactance will often seem less sensible or
even inconsistent. Additionally, it you calculate the load impedance
(considering the line's characteristics) at the load end of the line, and
consider readings at several nearby readings, again one of the two
possible sign assumptions for reactance will seem less likely to be true.

(Pity you can't plug in a line type and length and the analyser calculate
the impedance at the load end of the line, may be do it now? The
calculator at http://www.vk1od.net/tl/tllc.php will perform the calcs for
you.)

I see advice that you use an integral electrical half waves of coax or
just a foot of coax. Neither eliminates impedance transformation by the
coax when you sweep 4MHz as you have done.

Owen

>
> -Scott, WU2X
>
> Here are the values I measured:
>
>
> Freq R X SWR
> -------------------------------------

> 144 44 2 1.1
> 144.25 46 4 1.1
> 144.5 55 7 1.1
> 144.75 60 7 1.2
> 145 68 0 1.3
> 145.25 78 0 1.4
> 145.5 79 0 1.4
> 145.75 73 11 1.5
> 146 63 21 1.5
> 146.25 53 23 1.5
> 146.5 46 21 1.5
> 146.75 40 18 1.5
> 147 37 10 1.5
> 147.25 35 8 1.4
> 147.5 37 6 1.3
> 147.75 41 10 1.3
> 148 48 15 1.3
> 148.25 59 19 1.4
> 148.5 75 16 1.6
> 148.75 90 0 1.7
> 149 96 6 1.9
>

4163. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 23:02:52 UTC
From: Dave <noone@nowhere.com>
Message-ID: <QuadnfgT9fO_XBTYnZ2dnUVZ_s6onZ2d@crocker.com>
Source record: 47687

sorry, you just aren't grasping the basics so any further discussion is pointless. make up your own definitions, write the formulas, and publish a paper and maybe if it gets accepted in a decent periodical i'll read it and understand.

"art" <aunwin@insightbb.com> wrote in message news:1166630521.104824.104820@79g2000cws.googlegroups.com...
> O.K. David
> you have had some time to settle down so let us look at the things you
> have raised and you apparently have the book by Ramos and co
> Yes Gauss defines the surface as you pointed out but the arbitary
> border encloses charges that are in equilibrium which is three
> dimensional. When you follow his thinking regarding the energy inside
> of the arbitary border he invokes a surface for a vector determination.
> I therefore submit that the Gaussian field is a closed surface by
> virtue of equilibrium and how he uses the surface as a foundation for
> his law. Look at the chapter in the book and examine the drawing that
> is used to explain the formation of Gaussian law and you will see it is
> three dimensional. The arbitriness that is implied depends purelyon the
> makeup of that which is in equilibrium and where in its ideal shape
> would be circular. but where two charges are close to each other the
> field surounding those charges will be at a minimum at a point between
> then such that the arbitary border surface shape will change.
>
> Now let us look at the time factor of an element which is energised for
> a short space of time.
> As the current flows for a half wave it travels forward and on the
> surface where all the applied energy resides which is very important to
> us as the moment the current penetrates decay begins and we what to
> account for all the energy applied and not only what is left on the
> surface since excess charges must reside on the surface. That statement
> is very important for full understanding) So we really talking about a
> small moment in time ie "dt" and you will see that term in formular
> applied to skin depth.
> So we apply a time varying energy that runs on the surface in one
> direction it then reverses direction at a certain depth in the
> dielectric at which time it has removed itself from the surface,
> encountered a resistance to flow and starts the decay process.So a
> short space of time is just long enough for a charge to move such that
> a electric charge is implanted on the surface which then goes on to
> generate a magnetic field which is a very short moment of time. . At
> that short moment in time we have implanted a static charge with a
> vector value of zero an accumulation of which can be called a
> CONSERVATIVE field. That vector tho of zero value is a electric vector

> and a magnetic vector outherwise known as "curl" but since it is of
> zero value it constitutes as a static charge.
> That should be enough for a while for you to cogitate upon.
> Regards
> Art
>
>
>
> Dave wrote:
>> "art" <aunwin@insightbb.com> wrote in message
>> news:1166543181.269834.203030@f1g2000cwa.googlegroups.com...
>> > In the thread Rain static I referred to a closed surface which is
>> > clearly
>> > defined by Gauss's law.
>>
>> Gauss's law doesn't define a surface, the surface is any arbitrary
>> surface
>> surrounding a charge.
>>
>> >Let us now look at a time vary field applied to
>> >
>> > a dielectric. I fht efield is applied for the shortest of time the
>> > charges
>> > will stay on the surface. If time is longer than the shortest space of
>> > time
>>
>> you make it sound like there is some 'shortest' time where charges won't
>> move. this is not true. no matter how short you make the time it will
>> move
>> the charges.
>>
>> > then charges will openetrate the closed surface. If the surface is an
>> > insulator type then it takes a long while to penetrate but if the
>> > surface
>>
>> Here you mix up 'surface' and 'surface'. the gauss's law 'surface' is a
>> mathematically useful construction around a charge, it does not have any
>> charge 'on' it, nor is there any 'penetration' of it by charge in gauss's
>> law. it is strictly a non-material thing that is used only for
>> calculation
>> purposes.
>>
>> > is a good conductor then the charges will penetrate very quickly so
>> > we can associate the time constant of penetration to the subject of
>> > skin depth. If we are to associate the time varying field to a
>> > gaussian field
>>
>> you have yet to define a 'gaussian field'. gauss's law applies to
>> electric
>> fields and their relation to charges.

>>
>> > all the excess charges must be on the surface by law.
>>
>> only in a 'perfect' conductor. dielectrics and 'empty' space can have
>> distributed charges throughout.
>>
>> >Or in other words
>> > the time evolved must be shorter than the time required to begin
>> > penetration.
>>
>> huh? it just goes down hill from here. write some equations, do some
>> drawings, publish a manuscript. all the rest is empty handwaving based
>> on
>> incorrect assumptions and missing definitions.
>>
>> > Thus for a short space of time all charges are on the surface and the
>> > charges
>> > have a magnhe radiating eneetic and electric field vectors. Just having
>> > charges is not enough to convert to a gaussian field in that a gaussian
>> > field must be in equilibrium thus a cluster of elements
>> > must have the direction of the surface charges change in unison. For a
>> > cluster of elements to do this they must all be resonant such that the
>> > charges reach the ends of the elements at the same time. Resonance of
>> > an element is determined by its diameter and its length and because it
>> > is coupled to other elements in the cluster the coupling must be taken
>> > into account to secure resonance of not only the individual elements
>> > but of the cluster as a whole. When this is accomplished the charges on
>> > the surface of the closed volume are in equilibrium but onty for that
>> > shortest of short time and where that time is added to the gaussian
>> > formulae for the transition to be complete. For the Gaussian field or
>> > volume we can say the energy inside the gaussian field is equal to that
>> > supplied by flux to the outside of the border and remember the flux
>> > inside consists of magnetic and electric vectoirs. We now can say that
>> > in a moment of time the flux produced from each element that breaches
>> > the border in summation with the other elements is equal to the
>> > radiating field outside of the border when each element energy makes
>> > the transmittion. Thus the summation of each of the clustered elements
>> > individual energy when the vectors are given a value
>> > must equal the flux on the outside of the border that produces
>> > radiation. We also know that if we have a cluster of elements that are
>> > clustered together we can obtain radiation by just applying a time
>> > varing field to just one of the elements and by virtue of intercoupling
>> > all the radiating energy
>> > will leave the near field. Thus we have two different methods of
>> > determining the value of the radiated field
>> > ! radiation from the clustered within a Gaussian field and
>> > 2 radiation from an array of coupled elements
>> > Since the elements within the cluster are all of the same "Q'" the
>> > determination of all factors
>> > in the resulting equation are simplified to Ohms law and where the

>> > laborious coupling calculations
>> > are omitted. The above describes in first principles as to how a
>> > Gaussian field in a short space of time can be equated to a radiating
>> > cluster using existing laws of the masters which also embraces NEC
>> > code. Now many have said I have no understanding of radiation concepts
>> > so go ahead and tear this apart and have a merry Xmas doing it
>> > Art Unwin KB9MZ.....XG
>> >
>

4164. just what sort of anttnena modeling software is out and (de)merits of them

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 23:03:14 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1166655794.694809.252020@80g2000cwy.googlegroups.com>
Source record: 47688

since IT is done I am looking dealing hf attnenas seriosuly for the
first what sort of software is out there for medeling real attneas hi
hf bands and maybe something of the pros and cons of them

4165. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 23:36:54 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <emchfm$k9u$1@news.service.uci.edu>
Source record: 47689

chuck wrote:
> Hi Jim,
>
> Can you elaborate further on your understanding of just how an
> ungrounded antenna wire that receives an increment of charge causes a
> response in the receiver as the charge is being acquired?

Hi Chuck - given a large enough increment of charge it's pretty straightforward. Best example I can think of is a capacitor. Take a high gain amplifier with an input coupling capacitor and start daubing clumps of charge onto the unconnected input lead. When the amount of charge is big enough, you'll hear the pop that results from the instantaneous change in charge. Thousands of those per second and pretty soon we're talking some real noise. ;-)

> If dust particles are charged as raindrops are (mixed polarity and
> magnitude) a typical incremental charge is on the order of 8
> picocoulomb. Do we have an understanding of how much power would be
> transmitted to the 50 ohm input impedance of the receiver by such an
> incremental charge and the mechanism by which that transmission takes
> place? Based on anecdotal info, it is not unusual for these impulses to
> appear at an average level of several S-units.
>
> Thanks for any insights you can share.
>
> Chuck, NT3G

I've never worked these numbers before, but given your typical charge per particle of 8 picocoulombs, and a 16uV signal from a 50 ohm antenna (converted to uamps), I get about 4x10^4 of those particles per second. Given the density of air, that's a pretty low number I think. If I'm wrong, please don't blast me. The back of my envelope here is pretty messy and hard to read. :-)

73, Jim, AC6XG

4166. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-20 23:57:17 UTC
From: David <nospam@nospam>
Message-ID: <P6qdndbm7uJ9UBTYnZ2dneKdnZydnZ2d@bt.com>
Source record: 47690

The closest thing to this I came across is Hertzian dipole fields via looking at static/quasi-static waves.

Quick summary below without reproducing lots of formulas:
The hertzian dipole is 2 charges +q and -q connected together by wire. q= I/w sin wt. -q= -I/w sin wt.The formulas are then followed through and solved to obtain 1/r terms which are in phase. Obtain power crossing a closed surface. Poynting vector must have a 1/r squared term, and formulas for E and H must have 1/r terms and be in phase. The formulas for E and H fields then satisy Maxwells equations. The formulas obtained via the quasi-static fields route are the same as those obtained via the magnetic vector potential route.

4167. Re: Yaesu Rotor chattering

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-21 00:26:38 UTC
From: John Siegel <JohnASiegel@worldnet.att.net>
Message-ID: <4589D4BD.80905@worldnet.att.net>
Source record: 47691

Topaz305RK wrote:
> Every G-800 and G-1000 rotor I have seen does the same thing, so don't think
> it is a problem with water or ground, just the way they are.
>
>
>
>
I have never seen mine do it.

4168. Re: Image theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-21 00:35:37 UTC
From: Joel Kolstad <JKolstad71HatesSpam@yahoo.com>
Message-ID: <12ojlmqfj978hae@corp.supernews.com>
Source record: 47692

"David" <nospam@nospam> wrote in message
news:D_GdnWhWAdHIHx3YnZ2dnUVZ8sG3nZ2d@bt.com...
> The books also say that if the antenna is vertical to groundplane the iamge
> is in phase and reinforces the wave emitted by vertical.
> If antenna is horizontal and close to ground plane, the image cancels out
> wave emitted by antenna.
>
> Is this what happens in real life?

Yes, once you throw in the (sometimes negligible, sometimes significant)
complications that real "ground planes" are finite in extent and have non-zero
loss.

> What about fibre optic cable? If ordinary glass strands were used, when the
> cable was bent, the light would be blocked and not travel any further.

Fiber optics aren't antennas; fiber optic "cables" are low loss (ideally
lossless) dielectrics clad in another dielectric with a different enough
permittivity to create total internal reflection. Using traditional
terminology, fiber optics are actually just a particular type of waveguide.

4169. Re: just what sort of anttnena modeling software is out and (de)merits of them

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-21 01:03:00 UTC
From: "Mark@kb9rqz.aspr" <Mark@kp9rqz.asr>
Message-ID: <4589d087$0$15537$88260bb3@free.teranews.com>
Source record: 47693
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

<jgboyles@aol.com> wrote in message
news:1166661308.305797.223550@80g2000cwy.googlegroups.com...
>
> an_old_friend wrote:
>> since IT is done I am looking dealing hf attnenas seriosuly for the
>> first what sort of software is out there for medeling real attneas hi
>> hf bands and maybe something of the pros and cons of them
>
> Try posting your question in a known language. If you have a valid
> License, it must have been obtained under false pretensis. Normally
> this group uses English. If you could pose your question better, you
> might get an answer.
with the punce gotcha he wonders why I simple don't bother to ty impoving
my spelling do u hav anyting cognet two say?
http://kb9rqz.blogspot.com/

Gary N4AST

--
Posted via a free Usenet account from http://www.teranews.com

4170. Re: just what sort of anttnena modeling software is out and (de)merits of them

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-21 01:08:15 UTC
From: Danny Richardson <n_group@k6mhe.com>
Message-ID: <panjo2tnfsuc0hnu0bmnh2cui5rg5f0rf8@4ax.com>
Source record: 47694

On 20 Dec 2006 16:35:08 -0800, jgboyles@aol.com wrote:

>
>an_old_friend wrote:
>> since IT is done I am looking dealing hf attnenas seriosuly for the
>> first what sort of software is out there for medeling real attneas hi
>> hf bands and maybe something of the pros and cons of them
>
>Try posting your question in a known language. If you have a valid
>License, it must have been obtained under false pretensis. Normally
>this group uses English. If you could pose your question better, you
>might get an answer.
>Gary N4AST

Gary, I wonder if you have a second language? If you did you would
understand.

Yes, the question is rough English, but I could understand the IT.

I suggest you get off your high horse and make as much effort in
trying to understand the posting as the poster did in trying to post
it.

Thinking in another language, especially in later years, is very
difficult. If you haven't done it then I suggest you not criticize.

Danny, K6MHE

4171. Re: just what sort of anttnena modeling software is out and (de)merits of them

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-21 01:10:20 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1166663420.844953.127480@a3g2000cwd.googlegroups.com>
Source record: 47695
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

Mark@kb9rqz.aspr wrote:
>
stop the fraud steve

4172. Re: 10 Meter J Pole& Ladder Line

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-21 01:35:02 UTC
From: Dale Parfitt <par@parelectronics.com>
Message-ID: <axlih.5649$4Q6.4838@trnddc06>
Source record: 47696

"Jimmie D" <jimmiedee@bellsouth.net> wrote in message
news:amgih.877$_X.546@bigfe9...
>
> "cutress" <cutress@computan.on.ca> wrote in message
> news:fcgih.4$hM1.79@newscontent-01.sprint.ca...
>> Hi,anyone tried a J pole ant. for 10 meter's using 450 ohm ladder
>> line.What were the results?
>>
>> tnx
>>
>
> Made one using EMT conduit.
> Did a 20M vertcal endfed with a stub made of ladder line. Works as
> expected.
>
> If I were doing it again I would make it 5/8ths. IMO the 5/8 would be
> easier to tune up.
>May be- but you would also then require a counterpoise.

Dale W4OP

4173. Re: Yaesu Rotor chattering

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-21 01:57:01 UTC
From: "H. Adam stevens, NQ5H" <NQ5H@ARRL.net>
Message-ID: <12ojqfdgr9kgl44@corp.supernews.com>
Source record: 47697

"John Siegel" <JohnASiegel@worldnet.att.net> wrote in message
news:4589D4BD.80905@worldnet.att.net...
>
>
> Topaz305RK wrote:
>> Every G-800 and G-1000 rotor I have seen does the same thing, so don't
>> think it is a problem with water or ground, just the way they are.
>>
>>
>>
>>
> I have never seen mine do it.
>
>

My G-2700 did.
Then the aluminum clamp failed.

I've repaired the damage and am awaiting the crane.

The replacement rotor?

http://www.m2inc.com/products/rotors/or28002.html

This and the Yaesu are "rated "similarly.

You be the judge.
73
H.
NQ5H

4174. Re: Angle of radiation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-21 05:03:46 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <TAoih.65$sp7.56@newsfe14.phx>
Source record: 47698

"Jimmie D" <jimmiedee@bellsouth.net> wrote in message
news:mTugh.1717$DJ4.378@bignews7.bellsouth.net...
The chart does seem to be
> indicating that one should use the closest skip contacts to get an idea of
> the radiation angle. It was my doubts about this that inspired my
question.
> Perhaps I am taking the chart out of context or maybe it is just wrong..

You shouldn't doubt a chart of things that happened. What you said makes sense, otherwise. As Cecil said, the radiation leaves your antenna at (optimum) angles between 9 and 53 degrees. (That's the half-power beamwidth in an elevation view.)

Low angle radiation, the ground wave, peters out after a few miles, but you do get local contacts with it. High angle radiation goes into space and is lost. The mid-angles are refracted in the ionospere and returned to earth. That's your set of distance range contacts.

Think of how it would be to toss a tennis ball toward a ceiling: If the ball could go straight up through the ceiling, it would be lost; also, if a low-angle toss never hit the ceiling, it would also be lost. It's those mid-length tosses that bring the ball down somewhere in the room that pay off. I realize this is an imperfect metaphor, but it may do the trick for you.

"Sal"

4175. Re: A Moment To Appeciate a Good Thing.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-21 05:14:34 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <%Koih.66$sp7.63@newsfe14.phx>
Source record: 47699
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy

"Dee Flint" <deeflint01@comcast.net> wrote in message
news:_emdnTFv6JzcohTYnZ2dnUVZ_vamnZ2d@comcast.com...
>
> "Sal M. Onella"

> Does the HF community tolerate occasional non-ID'ed transmissions for
> > essential testing????
> >
> > TKS
> >
> > "Sal"
>
> It's not a matter of what we tolerate. It is a matter of FCC rules. Even
a
> test transmission (including tune-up) must conclude with an ID. So you
> tune, then ID.

Got it. Thanks to all who responded.

4176. Re: just what sort of anttnena modeling software is out and (de)merits of them

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-21 06:05:05 UTC
From: an old friend <kb9rqz@yahoo.com>
Message-ID: <1166681105.069698.222850@f1g2000cwa.googlegroups.com>
Source record: 47700

an_old_friend wrote:
> since IT is done I am looking dealing hf attnenas seriosuly for the
> first what sort of software is out there for medeling real attneas hi
> hf bands and maybe something of the pros and cons of them
maybe I should asked the Cbers I would have goten hassled for my
dyslexia and my aceent but I might have gotten an answer as well

4177. Re: Angle of radiation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-21 09:08:24 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <g9sih.4385$cB6.1349@bignews7.bellsouth.net>
Source record: 47701

"Sal M. Onella" <salmonella@food.poisoning.org> wrote in message
news:TAoih.65$sp7.56@newsfe14.phx...
>
> "Jimmie D" <jimmiedee@bellsouth.net> wrote in message
> news:mTugh.1717$DJ4.378@bignews7.bellsouth.net...
> The chart does seem to be
>> indicating that one should use the closest skip contacts to get an idea
>> of
>> the radiation angle. It was my doubts about this that inspired my
> question.
>> Perhaps I am taking the chart out of context or maybe it is just wrong..
>
> You shouldn't doubt a chart of things that happened. What you said makes
> sense, otherwise. As Cecil said, the radiation leaves your antenna at
> (optimum) angles between 9 and 53 degrees. (That's the half-power
> beamwidth
> in an elevation view.)
>
> Low angle radiation, the ground wave, peters out after a few miles, but
> you
> do get local contacts with it. High angle radiation goes into space and
> is
> lost. The mid-angles are refracted in the ionospere and returned to
> earth.
> That's your set of distance range contacts.
>
> Think of how it would be to toss a tennis ball toward a ceiling: If the
> ball could go straight up through the ceiling, it would be lost; also, if
> a
> low-angle toss never hit the ceiling, it would also be lost. It's those
> mid-length tosses that bring the ball down somewhere in the room that pay
> off. I realize this is an imperfect metaphor, but it may do the trick
> for
> you.
>
> "Sal"
>
>

I dont doubt waht Cecil said but the way this chart is written it would make
you think that you should base the angle of radiation on the closest
contacts that are "skip". I assumed that someone COULD make a chart like
this. I was actually hoping this would be the case because it is much easier
to discern that leading edge than try to pick out some point in the middle.

NOW I dont this this graph wa intended to be used to determine the radiation angle of any particular antenna. Rather I believe now that it was intended as an educational tool to get across the relationship between vertical angle and skip zones.

4178. Re: just what sort of anttnena modeling software is out and (de)merits of them

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-21 13:14:54 UTC
From: Rick <ricknj10@hotmail.com>
Message-ID: <eNvih.2$ps.0@newsfe11.lga>
Source record: 47702

Here we go again.....
Simple question, understandable, flame, more flames.

Hey, Merry Christmas to you guys.

The answer to the original question is, there are a few (at least 3 I know of).
EZNEC is a favorite of many on this newsgroup and can be tried out for free.
4NEC2 is another. There is a list of some at this link:
http://www.dxzone.com/catalog/Software/Antenna_analysis/
If you do a google search of "NEC4 antenna model" or similar you will get more than you can handle.

Myself, I have used 4NEC2 and getting somewhat familiar with it. Once I researched the concept of "cards" it suddenly made sense to me.
I believe these NEC2 programs use the same "engine" meaning when your front end program generates the data, it is fed to the same calculating software, regardless of the program. So the main difference in the programs is how convenient they make it for you to enter your data, the display of the results, and of course the support you get to go along with it. In that category I have heard nothing but praise for W7EL, Roy, who participates on this newsgroup and has been involved with modeling software for a very long time.

There is also an email reflector on the subject. I don't have the info handy right now but I am sure you can find it (as well as anything else in the universe) with a google search. Read the archives there and you will find tons of info and supportive help. This newsgroup is a little tough, because the subjects range all over the place, and there are so many guys who have their rifles loaded and just looking for someone to make a false move.

Tell you what I'm going to do. I will post another article following this one and give you some idea of what I expereinced with my first attempt at modeling. This may give you some ideas of what to expect.

Rick K2XT

4179. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-21 13:26:20 UTC
From: Cecil Moore <w5dxp@hotmail.com>
Message-ID: <1166707580.445331.241200@a3g2000cwd.googlegroups.com>
Source record: 47703

Jim Kelley wrote:
> I simply meant that a folded dipole
> is just as likely to produce precipitation static noise as a dipole
> antenna.

Probably not true for a bare-wire dipole Vs a ladder-line folded dipole. Insulation is one well accepted method of reducing precipitation static on airplane antennas. In any case, the two wires in the folded dipole make it different from the single wire in the dipole.

I'm away from my computer for the moment but consider your capacitor suggestion. Let's say we have a perfect ground plane and are testing a dipole Vs a folded dipole. They are in inverted-V configurations so we can discharge a capacitor between the end of the antenna and ground. For the dipole, there is only one path to ground through the receiver. For the folded dipole, there are two paths to ground, one through the receiver and one to ground. Why won't the charge applied to the folded dipole divide and take both paths?
--
73, Cecil, w5dxp.com

4180. Modeling, beginners luck

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-21 13:49:48 UTC
From: ricknj10@hotmail.com
Message-ID: <458a8937.145164953@news.optonline.net>
Source record: 47704

I am changing the subject slightly hoping to avaid the flaming that has started.

I will briefly sumamrize some things I learned from my experiences with 4NEC2. Maybe this will inspire. Remember I am a beginner.

First of all I modeled my rhombic antenna I was building. I used an inputting method called geometry edit. This is fairly easy way to input the dimensions of the wires of the antenna and gave valid output. But I found it cumbersome to change the dimensions. In fact I had to do some trig to figure out the X,Y coordinates of the changed antenna. But it DID work, and I found out a lot about modeling and the rhombic, but I could not get the "optimizing" feature to work. It kept telling me I had no variables to change. So I did some reading in the generic NEC2 documentation and learned about "cards." And then I studied some examples and learned how to input data with the NEC editor. With this method, you define variables such as the angle between the legs of the rhombic, and you only need to do it once. Then you can have the program change the variable for you and output the data. For example you could include a variable for the terminating resistor, have the program change the value of it while checking for forward gain. Or you could change the lengths of the wires easily or the angle, or make one wire longer than another, anything you want. Also can do a frequency sweep to see where your antenna is resonant.

So I will close with two things I have discovered through my experimenting with the program and with getting out in the woods and putting up wires. The first is that I believe the model accurately determined the characteristics of my rhombic. It showed I could expect about 13 dbi gain, about 22 db f/b and a 20 degree beamwidth, at a height of about 30 ft. It also showed about 12 dbi gain for a 3 element yagi at about 40 ft. When I built the rhombic and compared it to my 3 ele yagi I found the performance on extremely weak signals near the noise level were essentially the same on both antennas, and the f/b on the rhombic was phenominal. Just what the model predicted. In building the antenna the model told me it didn't make much difference if the wires were 25 feet shorter than I had started with, so it was more convenient to build and attach to trees I had. So I believe the model so far. The second thing I have learned, (and I am building a small collection of my experimental antenna files) is trying to find the best way of getting some gain on 40 meters into Europe from NJ. I started with my inverted vee at 40 ft. I then added a reflector (supported from a guy wire). Then tried converting the inv vee to a delta loop. Wow that was a disappointment. I guess if

you have radiation from only 40 feet up it is not a good idea to distribute that current into elements at a lower angle !!! Then my buddy Yuri, K3BU, told me feed it 1/4 wavelength down from the peak and that would get my angle down and get me some vertical radiation. Easy to do with the program, and Yuri was right.

Oh I tell you this is fun stuff. Much more fun than flaming each other on newsgroups. My suggestion - do a google search, find some software, bang it around on your keyboard, write to me, trade some antenna files, maybe even pull up some wirees into trees.

Oh incidentally, I forgot to mention. Get this. The last thing I learned was how to attach feedlines (the program calls it a transmission line, or a TL card) to two antennas. Make the lines long enough to give you a lot of slack. Then you can move your two active antennas all around and see what kind of pattern you get. Put them end to end, change the spacing. Put them in front of one another, like a JK beam and change the spacing or the lengths. Cool stuff, really cool stuff.

Rick K2XT

4181. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-21 15:02:13 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1166713333.533017.8120@a3g2000cwd.googlegroups.com>
Source record: 47705

I have flown through dry snow over the Great Lakes that completely desensed the receivers in the airplane - and this was a plane equipped with static discharge wicks... Rising noise to a roar, big discharge POP, receiver back on line for about 3-5 seconds until the rising roar blocks it up again- total cycle 15 to 20 seconds, only able to hear ATC for 3 to 5 seconds out of that... Not fun at O'dark thirty, it is 10F outside, you won't survive a ditching into the water, and your VOR receiver can't tell you where Windsor is...

Yes, I believe in P-Static...

denny

Cecil Moore wrote:
> Wes wrote:
> > I don't give a damn what they call it, here's a definition of
> > precipitation:

4182. Re: Modeling, beginners luck

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-21 15:07:35 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <eme7vr$fk7$1@aioe.org>
Source record: 47706

There is NEC List for discussion of computational electromagnetics
http://www.robomod.net/mailman/listinfo/nec-list

Yuri, K3BU

"Rick" <ricknj10@hotmail.com> wrote in message
news:458a8937.145164953@news.optonline.net...
>I am changing the subject slightly hoping to avaid the flaming that
> has started.
>
> I will briefly sumamrize some things I learned from my experiences
> with 4NEC2. Maybe this will inspire. Remember I am a beginner.
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> output. But I found it cumbersome to change the dimensions. In fact
> I had to do some trig to figure out the X,Y coordinates of the changed
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> kept telling me I had no variables to change. So I did some reading
> in the generic NEC2 documentation and learned about "cards." And then
> I studied some examples and learned how to input data with the NEC
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> between the legs of the rhombic, and you only need to do it once.
> Then you can have the program change the variable for you and output
> the data. For example you could include a variable for the
> terminating resistor, have the program change the value of it while
> checking for forward gain. Or you could change the lengths of the
> wires easily or the angle, or make one wire longer than another,
> anything you want. Also can do a frequency sweep to see where your
> antenna is resonant.
>
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> experimenting with the program and with getting out in the woods and
> putting up wires. The first is that I believe the model accurately
> determined the characteristics of my rhombic. It showed I could
> expect about 13 dbi gain, about 22 db f/b and a 20 degree beamwidth,
> at a height of about 30 ft. It also showed about 12 dbi gain for a 3
> element yagi at about 40 ft. When I built the rhombic and compared it
> to my 3 ele yagi I found the performance on extremely weak signals
> near the noise level were essentially the same on both antennas, and
> the f/b on the rhombic was phenominal. Just what the model predicted.
> In building the antenna the model told me it didn't make much
> difference if the wires were 25 feet shorter than I had started with,

> so it was more convenient to build and attach to trees I had. So I
> believe the model so far. The second thing I have learned, (and I am
> building a small collection of my experimental antenna files) is
> trying to find the best way of getting some gain on 40 meters into
> Europe from NJ. I started with my inverted vee at 40 ft. I then
> added a reflector (supported from a guy wire). Then tried converting
> the inv vee to a delta loop. Wow that was a disappointment. I guess if
> you have radiation from only 40 feet up it is not a good idea to
> distribute that current into elements at a lower angle !!! Then my
> buddy Yuri, K3BU, told me feed it 1/4 wavelength down from the peak
> and that would get my angle down and get me some vertical radiation.
> Easy to do with the program, and Yuri was right.
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> Oh I tell you this is fun stuff. Much more fun than flaming each
> other on newsgroups. My suggestion - do a google search, find some
> software, bang it around on your keyboard, write to me, trade some
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> Oh incidentally, I forgot to mention. Get this. The last thing I
> learned was how to attach feedlines (the program calls it a
> transmission line, or a TL card) to two antennas. Make the lines long
> enough to give you a lot of slack. Then you can move your two active
> antennas all around and see what kind of pattern you get. Put them
> end to end, change the spacing. Put them in front of one another,
> like a JK beam and change the spacing or the lengths. Cool stuff,
> really cool stuff.
>
> Rick K2XT

4183. Re: just what sort of anttnena modeling software is out and (de)merits of them

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-21 15:52:51 UTC
From: RST Engineering <jim@rstengineering.com>
Message-ID: <B5yih.81$Mm3.97376@news.sisna.com>
Source record: 47707

I believe the proper spelling is "pretenses", you pompous horse's ass.

Jim

<jgboyles@aol.com> wrote in message

news:1166661308.305797.223550@80g2000cwy.googlegroups.com...
If you have a valid
> License, it must have been obtained under false pretensis.

4184. Rotor Doc's RL-1100 good, bad???

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-21 16:21:27 UTC
From: kd5foy <buddycl@swbell.net>
Message-ID: <1166718087.596854.255080@73g2000cwn.googlegroups.com>
Source record: 47708

anyone have any experiences with a rotor RL-1100 by
c.a.t.s(the-rotor-doc)? looks interesting but i can't find any reviews.

larry
kd5foy

4185. Simple FM Antenna, C. Crane, Radio Your Way (Pogo) and Radio Shark (RS)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-21 16:44:52 UTC
From: "W. Watson" <wolf_tracks@invalid.com>
Message-ID: <8Syih.35833$wP1.4846@newssvr14.news.prodigy.net>
Source record: 47709

I had an occasion to talk with C. Crane today, and got onto the topic of an FM Antenna for small digital radios. I have the two mentioned in the Subject line. The agent menioned using just a sinple 5' wire for this purpose.

I've not had good luck getting FM reception with RS, and have tried a simple dipole without much luck. I live in the Sierra Foothills at 2700', and the trouble is with stations in the Sacramento area (60 mi) and Chico (75 mi). It occurred to me the simple 5' single wire antenna provided with Pogo has been very effective in improving FM reception, so I put it on RS. Practially no difference with or without it. What's up with that?

Note that RS looks like shark fin, and has a built in FM and AM antenna, and a jack to plug in an external FM antenna. The RS is plugged into a USB port and it is very much like Tivo but for radio.

4186. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-21 17:05:44 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <emeeub$se2$1@news.service.uci.edu>
Source record: 47710

Cecil Moore wrote:
> Jim Kelley wrote:
>
>> I simply meant that a folded dipole
>>is just as likely to produce precipitation static noise as a dipole
>>antenna.
>
>
> Probably not true for a bare-wire dipole Vs a ladder-line folded
> dipole. Insulation is one well accepted method of reducing
> precipitation static on airplane antennas. In any case, the two
> wires in the folded dipole make it different from the single wire
> in the dipole.

Any antenna/receiver combination is likely to be sensitive to
p-static. Some more than others obviously. An indoor, heavily
insulated folded dipole connected to an differential input receiver
would probably not receive much - so I'll give you that one even
though I never claimed it would. Happier now?

> I'm away from my computer for the moment but consider your capacitor
> suggestion. Let's say we have a perfect ground plane and are testing
> a dipole Vs a folded dipole. They are in inverted-V configurations so
> we can discharge a capacitor between the end of the antenna and
> ground. For the dipole, there is only one path to ground through the
> receiver. For the folded dipole, there are two paths to ground, one
> through the receiver and one to ground. Why won't the charge
> applied to the folded dipole divide and take both paths?
> --
> 73, Cecil, w5dxp.com

You seem like a guy who'd pick a fight with his own shadow sometimes,
Cecil.

73, ac6xg

4187. FS: Coax Cable, Connectors & Adapters

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-21 18:54:38 UTC
From: AAA Rf Products <sales@aaarfproducts.com>
Message-ID: <MLAih.1501$jU.579@newsfe10.phx>
Source record: 47711

Please see www.aaarfproducts.com or call (San Clemente, CA, USA)
949 481 3154 or email sales@aaarfproducts.com

Low Prices

Quality Products

No Minimum Order

No Handling Charges

4188. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-21 18:56:49 UTC
From: B29 <micoder@sbcglobal.net>
Message-ID: <RNAih.33434$wc5.11014@newssvr25.news.prodigy.net>
Source record: 47712

I will use a pulley. The branches I want to use are very high. I cannot throw or even use my slingshot thingy for this. I have a handyman who has agreed to climb the trees in the spring. I will get everything ready this winter.

I have some large trees on each corner of my lot. I can probably get 50 feet up.

I was going to use nylon rope to attach to the trees but I read that polyester rope last longer. It is even cheaper. I erroneously thought that the more expensive nylon would last longer.

"Bob Miller" <NOSPAM@neosoft.com> wrote in message
news:f2lio211gm5g8oinujchdkltdc03572hab@4ax.com...
> On Tue, 19 Dec 2006 18:11:27 GMT, "B29" <service@amx.com> wrote:
>
>>Thanks for the suggestion. I have decided to make my own. There are
>>suggestions on the web that radio shack makes some good twin lead.
>
> www.thewireman.com is a good place to buy twinlead and stuff.
>
>> However,
>>I still would like to put up a balun. What would be the best balun for me?
>>I
>>intend to operate on 75 meters.
>>
>>I admit to being a ham since 1956. However, I have not been very active
>>and
>>now that I am retired would like to get on low band. I am not very
>>knowledgeable on all the types of antennas. I do know how to make a random
>>wire work but do not want that type of antenna again.
>>
>>Also, to keep the twin lead insulated, do I need to coat the ends where
>>they
>>are shorted?
>>
>>I do appreciate the successful reports of using this type of antenna. What
>>might happen if I put an antenna tuner on the transmitter end and tried to
>>operate a folded dipole for 75 meters on 40 meters?
>>
>>I cannot safely use my trees until they are thawed. I cannot climb them
>>myself and I would not pay someone to do this until it is safer.
>
> You could attach a weight to a piece of rope or cord, throw it over a
> limb, and then hoist the end of the antenna up. Beats climbing, ice or

> not, and to adjust the antenna, you just loosen the rope, and let the
> antenna down.
>
> Bob
> k5qwg
>
>
>>
>>Michael
>>
>>"Denny" <k8do@mailblocks.com> wrote in message
>>news:1166531224.340562.325070@t46g2000cwa.googlegroups.com...
>>> Michael, please do not spend good money for something you can build
>>> yourself for a fraction of the cost, and learn good things in the
>>> process...
>>> An 8X10 piece of plexiglass storm window from the hardware store will
>>> supply strips for the end and center insulators... A chunk of 300 ohm
>>> TV twin lead will supply the folded dipole material... A roll of coax,
>>> some solder, and a pieces of small rope, and you are in business... A
>>> hack saw will cut the plexi (so will a skill saw or table saw)...
>>> Why not make one for 10 meters as a starter until spring comes... This
>>> can be hung between two trees <or whatever> so it is at least head high
>>> and will give you some fun when the band opens here and there..... You
>>> can check the formula for length versus resonant frequency...
>>>
>>> denny / k8do
>>>
>>

4189. Re: just what sort of anttnena modeling software is out and (de)merits of them

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-21 19:11:38 UTC
From: an_old_friend <konstans@hotmail.com>
Message-ID: <1166728298.459642.135960@48g2000cwx.googlegroups.com>
Source record: 47713

Rick wrote:
> Here we go again........
> Simple question, understandable, flame, more flames.
>
> Hey, Merry Christmas to you guys.

thank and happy hanukah to you

4190. Re: Propagation Characteristics Of the 60 Meter Band ??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-21 20:50:14 UTC
From: Dave Oldridge <doldridg@leavethisoutshaw.ca>
Message-ID: <Xns98A082958666Ddoldridgsprintca@64.59.135.159>
Source record: 47714

"Caveat Lector" <CL@nowhere.com> wrote in
news:B%Uhh.25578$6J4.17997@newsfe08.phx:

> I need to write up a brief description of the propagation
> characteristics of this band.
> Being it is between the 40 Meter and 80 meter band, I assume the 60
> meter band is local or very poor during the day. At night in the
> winter months, propagation should offer characteristics similar to the
> 40 meter and 80 meter bands. Have read some reports of NVIS being used
> successfully for local day communications.

The only time I've used it extensively was years ago in the high arctic. We had a point-to-point circuit with a place about 800 miles to our south (most places were to our south!) using 5597.5 CW and later, SSB. Most of the time it was fine, day or night (and the days and nights are six months up there). Occasionally conditions would black it out and we would be forced to revert to LF.

Of course we were using power levels a tad higher than amateurs are being permitted on the band. Our CW transmitter was 200w (though we had the loan of an 8KW transmitter and a rhombic for a while) and the antenna was a dipole. The SSB that replaced the CW was about 2KW. The LF was 2KW on 170.5 and eventually was changed from CW to RTTY.

Another frequency in wide use at that time was 5680. It was used for AM air/ground comms. I remember one day working an RCAF Herc below the equator on a run from Peru to Australia. He was calling Honolulu and they couldn't hear him for some reason and since I knew the aircraft and the pilot, I called him and got his position report for air traffic control. They were a little taken aback by where the report came from, but hey, if the path works, use it! This was in daytime and, if I remember, a daylight path all the way! (Though I could be wrong about that, it was more than 40 years ago).

--
Dave Oldridge+
ICQ 1800667

4191. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-21 22:57:06 UTC
From: Bob Miller <NOSPAM@neosoft.com>
Message-ID: <9r3mo2dcr09uujnkq28qi308hdk7ti9bqq@4ax.com>
Source record: 47715

On Thu, 21 Dec 2006 18:56:49 GMT, "B29" <micoder@sbcglobal.net> wrote:

>I will use a pulley. The branches I want to use are very high. I cannot
>throw or even use my slingshot thingy for this. I have a handyman who has
>agreed to climb the trees in the spring. I will get everything ready this
>winter.
>
>I have some large trees on each corner of my lot. I can probably get 50 feet
>up.
>
>I was going to use nylon rope to attach to the trees but I read that
>polyester rope last longer. It is even cheaper. I erroneously thought that
>the more expensive nylon would last longer.

As I understand, black Dacron Polyester is the good stuff. They have
it at AES, the Wireman, RadioWorks, etcetera... I've been using some
surplus olive drab Dacron I got from RadioWorks that is really long
lasting and blends in nicely... Radioworks, by the way, has good
marine-type pullys if that's the direction you're going.

bob
k5qwg

>
>
>"Bob Miller" <NOSPAM@neosoft.com> wrote in message
>news:f2lio211gm5g8oinujchdkltdc03572hab@4ax.com...
>> On Tue, 19 Dec 2006 18:11:27 GMT, "B29" <service@amx.com> wrote:
>>
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>>>suggestions on the web that radio shack makes some good twin lead.
>>
>> www.thewireman.com is a good place to buy twinlead and stuff.
>>
>>> However,
>>>I still would like to put up a balun. What would be the best balun for me?
>>>I
>>>intend to operate on 75 meters.
>>>
>>>I admit to being a ham since 1956. However, I have not been very active
>>>and
>>>now that I am retired would like to get on low band. I am not very
>>>knowledgeable on all the types of antennas. I do know how to make a random
>>>wire work but do not want that type of antenna again.
>>>

>>>Also, to keep the twin lead insulated, do I need to coat the ends where
>>>they
>>>are shorted?
>>>
>>>I do appreciate the successful reports of using this type of antenna. What
>>>might happen if I put an antenna tuner on the transmitter end and tried to
>>>operate a folded dipole for 75 meters on 40 meters?
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>>>I cannot safely use my trees until they are thawed. I cannot climb them
>>>myself and I would not pay someone to do this until it is safer.
>>
>> You could attach a weight to a piece of rope or cord, throw it over a
>> limb, and then hoist the end of the antenna up. Beats climbing, ice or
>> not, and to adjust the antenna, you just loosen the rope, and let the
>> antenna down.
>>
>> Bob
>> k5qwg
>>
>>
>>>
>>>Michael
>>>
>>>"Denny" <k8do@mailblocks.com> wrote in message
>>>news:1166531224.340562.325070@t46g2000cwa.googlegroups.com...
>>>> Michael, please do not spend good money for something you can build
>>>> yourself for a fraction of the cost, and learn good things in the
>>>> process...
>>>> An 8X10 piece of plexiglass storm window from the hardware store will
>>>> supply strips for the end and center insulators... A chunk of 300 ohm
>>>> TV twin lead will supply the folded dipole material... A roll of coax,
>>>> some solder, and a pieces of small rope, and you are in business... A
>>>> hack saw will cut the plexi (so will a skill saw or table saw)...
>>>> Why not make one for 10 meters as a starter until spring comes... This
>>>> can be hung between two trees <or whatever> so it is at least head high
>>>> and will give you some fun when the band opens here and there..... You
>>>> can check the formula for length versus resonant frequency...
>>>>
>>>> denny / k8do
>>>>
>>>
>

4192. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-21 23:48:02 UTC
From: Dave <noone@nowhere.com>
Message-ID: <QsudncgdfJmkgBbYnZ2dnUVZ_oipnZ2d@crocker.com>
Source record: 47716

sorry, i'm not going to bother trying to argue with you point by point when
you don't believe in 100+ year well proven theories and insist on writing
your own based on misunderstanding of a few figures in a textbook. learn to
read and write the formulas, then write your own paper describing your
theory and why it is different than what is already well published and
accepted.

or even better, build your antenna and try to sell it.

"art" <aunwin@insightbb.com> wrote in message
news:1166664269.484560.292720@f1g2000cwa.googlegroups.com...
> O.K. David
> If you saw an array where two vectors were in the forward direction
> would that make you curious?
>
> If you saw an array that was not limited to a particular plain would
> that make you curious?
>
> If the elements in the array were resonant but of different lengths
> would that arouse your curiosity?
>
> if you saw such an antenna would you try to explain how the features
> were obtained?
>
> If I gave a design that I pulled from a college book where it supplies
> all the mathematical numbers produced by conventional mean would you
> place that design on a program of your choice and explain why they
> produce the same results and why the college professor who authored the
> book is unqualified to teach the antenna subject anywhere?
> You have seen one? pray tell me where
> Well, I will give you the opportunity somehow and place it on the net
> and then you can take the subject up and point things out to all how
> the desirables came about. You can then leave the scene so others can
> say that is nothing new or I knew that or who cares.etc
> David I promise you that I will give you the oportunity to shine where
> I was dull, to explain the ins and outs of an array that you will not
> find in the books, and where you can supply original thought or
> possibly say what is shown is impossible, or the other favorable quote
> made often on this news group..... I don,t understand the best cop
> out of all.
> I believe that you deserve the first shot at it to show me the error
> of my ways in front of the silence of the lambs.
> My very best regards and nothing personal
> Have a happy Xmas
> Art Unwin

>
>
>
> David wrote:
>> The closest thing to this I came across is Hertzian dipole fields via
>> looking at static/quasi-static waves.
>>
>> Quick summary below without reproducing lots of formulas:
>> The hertzian dipole is 2 charges +q and -q connected together by wire. q=
>> I/w sin wt. -q= -I/w sin wt.The formulas are then followed through and
>> solved to obtain 1/r terms which are in phase. Obtain power crossing a
>> closed surface. Poynting vector must have a 1/r squared term, and
>> formulas
>> for E and H must have 1/r terms and be in phase. The formulas for E and H
>> fields then satisy Maxwells equations. The formulas obtained via the
>> quasi-static fields route are the same as those obtained via the magnetic
>> vector potential route.
>

4193. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 00:09:17 UTC
From: B29 <micoder@sbcglobal.net>
Message-ID: <OmFih.12113$Gw4.460@newssvr23.news.prodigy.net>
Source record: 47717

Thanks Bob,

I did not even think to get pulleys and rope from amateur radio supply
places. I will do some shopping there very soon.

What do you think about feeding the dipole with some sort of balun?

Michael W0EZI

"Bob Miller" <NOSPAM@neosoft.com> wrote in message
news:9r3mo2dcr09uujnkq28qi308hdk7ti9bqq@4ax.com...
> On Thu, 21 Dec 2006 18:56:49 GMT, "B29" <micoder@sbcglobal.net> wrote:
>
>>I will use a pulley. The branches I want to use are very high. I cannot
>>throw or even use my slingshot thingy for this. I have a handyman who has
>>agreed to climb the trees in the spring. I will get everything ready this
>>winter.
>>
>>I have some large trees on each corner of my lot. I can probably get 50
>>feet
>>up.
>>
>>I was going to use nylon rope to attach to the trees but I read that
>>polyester rope last longer. It is even cheaper. I erroneously thought that
>>the more expensive nylon would last longer.
>
> As I understand, black Dacron Polyester is the good stuff. They have
> it at AES, the Wireman, RadioWorks, etcetera... I've been using some
> surplus olive drab Dacron I got from RadioWorks that is really long
> lasting and blends in nicely... Radioworks, by the way, has good
> marine-type pullys if that's the direction you're going.
>
> bob
> k5qwg

4194. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 00:34:18 UTC
From: Mike Coslo <mcoslo@comcast.net>
Message-ID: <Xns98A0C71A2751Bmcoslocomcastnet@216.196.97.136>
Source record: 47718

"B29" <micoder@sbcglobal.net> wrote in
news:OmFih.12113$Gw4.460@newssvr23.news.prodigy.net:

> Thanks Bob,
>
> I did not even think to get pulleys and rope from amateur radio supply
> places. I will do some shopping there very soon.
>
> What do you think about feeding the dipole with some sort of balun?

You'll want a 4:1 balun if you'll be using coax.

- 73 de Mike KB3EIA -

4195. Re: Modeling, beginners luck

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 00:36:33 UTC
From: Mike Coslo <mcoslo@comcast.net>
Message-ID: <Xns98A0C77C7E820mcoslocomcastnet@216.196.97.136>
Source record: 47719

"Yuri Blanarovich" <K3BU@optonline.net> wrote in news:eme7vr$fk7$1
@aioe.org:

> There is NEC List for discussion of computational electromagnetics
> http://www.robomod.net/mailman/listinfo/nec-list
>
> Yuri, K3BU

But I would think that such discussions are welcome here too!

- 73 de Mike KB3EIA -

4196. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 00:44:37 UTC
From: Cecil Moore <w5dxp@hotmail.com>
Message-ID: <1166748277.753875.325950@48g2000cwx.googlegroups.com>
Source record: 47720

Jim Kelley wrote:
> > Jim Kelley wrote:
> >> I simply meant that a folded dipole
> >>is just as likely to produce precipitation static noise as a dipole
> >>antenna.

> ... so I'll give you that one even though I never claimed it would. Happier now?

Sorry, I thought you were claiming equal magnitudes of noise for two
dissimilar antennas.

> You seem like a guy who'd pick a fight with his own shadow sometimes,

Sorry, I seem to have inferred something you didn't mean to imply.
I believe I can prove the difference in the two antennas using EZNEC
but not until I get back to my home computer.
--
73, Cecil, w5dxp.com

4197. Re: Modeling, beginners luck

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 02:58:24 UTC
From: Rick <ricknj10@hotmail.com>
Message-ID: <zRHih.101$y84.82@newsfe10.lga>
Source record: 47721

> But I would think that such discussions are welcome here too!

Yes I am sure they are. From time to time Yuri and I try to get things going here, to get participants' minds back onto antennas. It's a tough road.
So instead, Yuri and slop around in the mud fixing up old antennas and towers and
having our antenna discussions in person.

Rick K2XT

4198. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 03:03:42 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <CQHih.7642$641.7544@bignews4.bellsouth.net>
Source record: 47722

Buying pulleys at radio supply places is as bad as buying at a marina. Get
the stainless stuff at your local hrdware for about half the cost.

"B29" <micoder@sbcglobal.net> wrote in message
news:OmFih.12113$Gw4.460@newssvr23.news.prodigy.net...
> Thanks Bob,
>
> I did not even think to get pulleys and rope from amateur radio supply
> places. I will do some shopping there very soon.
>
> What do you think about feeding the dipole with some sort of balun?
>
> Michael W0EZI
>
>
> "Bob Miller" <NOSPAM@neosoft.com> wrote in message
> news:9r3mo2dcr09uujnkq28qi308hdk7ti9bqq@4ax.com...
>> On Thu, 21 Dec 2006 18:56:49 GMT, "B29" <micoder@sbcglobal.net> wrote:
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>>>throw or even use my slingshot thingy for this. I have a handyman who has
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>>>I have some large trees on each corner of my lot. I can probably get 50
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>>>I was going to use nylon rope to attach to the trees but I read that
>>>polyester rope last longer. It is even cheaper. I erroneously thought
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>>>the more expensive nylon would last longer.
>>
>> As I understand, black Dacron Polyester is the good stuff. They have
>> it at AES, the Wireman, RadioWorks, etcetera... I've been using some
>> surplus olive drab Dacron I got from RadioWorks that is really long
>> lasting and blends in nicely... Radioworks, by the way, has good
>> marine-type pullys if that's the direction you're going.
>>
>> bob
>> k5qwg
>
>

4199. Re: PUNCE HERE, MORKIE ,,

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 06:55:12 UTC
From: I PUNCE <markpunce@yahoo.com>
Message-ID: <1166770512.215816.119520@79g2000cws.googlegroups.com>
Source record: 47723
Cross-posted to: rec.radio.amateur.policy,talk.politics.mideast,rec.radio.cb,alt.usenet.kooks,rec.radio.amateur.antenna

Mark@kb9rqz.aprs wrote:
> On 21 Dec 2006 09:07:06 -0800, "K4YZ" <k4yz_04@yahoo.com> wrote:
>
> > Well, fatboy, it's been a fun four hours but I have to go out and
> >do some of the things that you claim I don't have to do...
>
> this what you do for Steve? I enage in my posting aginst for defense
> against a clear madman
>
> that you would spend your vacations this is sign your realy need to
> get a life
>
> I supose this sort of must be better than giving the abuse I am sure
> you would other dish out to amy and your kids if you spent the time
> with them
> http://kb9rqz.blogspot.com/
>
> --
> Posted via a free Usenet account from http://www.teranews.com

I PUNCE

4200. IMD products from VSWR meters

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 07:46:15 UTC
From: Owen Duffy <none@no.where>
Message-ID: <Xns98A1BD31D5CADnonenowhere@61.9.191.5>
Source record: 47724

I see in the Wikipeadia entry for SWR meters the following:

"When not actually measuring VSWR, it is best to remove the ordinary type of passive SWR meter from the line. This is because the internal diodes of such meters can generate harmonics when transmitting, and intermodulation products when receiving. Because active SWR meters do not usually suffer from this effect, they can normally be left in without causing such problems."

I have seen this advice from time to time, and having done some back of the envelope calcs, I wonder at the accuracy of it.

Has anyone seen reports of measurements of the level of harmonics and IMD products in the main line caused by the diodes of VSWR meters?

Owen

4201. Steve tspands his vacation time to type lies, stve switch to captial one

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 13:10:02 UTC
From: Mark@kb9rqz.aprs
Message-ID: <n8mno218g57qane56rii964bob2oe0vja7@4ax.com>
Source record: 47725
Cross-posted to: rec.radio.amateur.policy,talk.politics.mideast,rec.radio.cb,rec.radio.amateur.antenna

On 21 Dec 2006 22:55:12 -0800, "I PUNCE" <markpunce@yahoo.com> wrote:

>

Steve tspands his vacation time to type lies, stve switch to captial
one
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4202. Re: PUNCE HERE, MORKIE ,,

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 15:15:22 UTC
From: The Demon Prince of Absurdity <absurd_number_of_nicks@hell.corn>
Message-ID: <pan.2006.12.22.15.15.19.365514@hell.corn>
Source record: 47726
Cross-posted to: rec.radio.amateur.policy,talk.politics.mideast,rec.radio.cb,alt.usenet.kooks,rec.radio.amateur.antenna

On Thu, 21 Dec 2006 22:55:12 -0800, I PUNCE did the cha-cha, and screamed:
> Mark@kb9rqz.aprs wrote:
>> On 21 Dec 2006 09:07:06 -0800, "K4YZ" wrote:
>>
>> > Well, fatboy, it's been a fun four hours but I have to go out and
>> >do some of the things that you claim I don't have to do...
>>
>> this what you do for Steve? I enage in my posting aginst for defense
>> against a clear madman
>>
>> that you would spend your vacations this is sign your realy need to get
>> a life
>>
>> I supose this sort of must be better than giving the abuse I am sure you
>> would other dish out to amy and your kids if you spent the time with
>> them
>
> I PUNCE

I'm sure you do, Wabbit. In fact, I don't believe you even need a
partner to help you. You "punce" all by yourself.

--

____
Hail Eris! TM#5; COOSN-029-06-71069
Cardinal Snarky of the Fannish Inquisition
http://www6.kingdomofloathing.com/login.php

"This is a sandwich made by a Spam Witch. You know why Spam Witches
can't starve if they're at the beach? Because they can always eat the
sand which is there." -- Spam Witch sammich, from The Kingdom of
Loathing

http://www.runescape.com/
No one expects the Fannish Inquisition!
http://groups.yahoo.com/group/Cabal_of_the_Holy_Pretzel/join

"What are marijuana tablets?"

I own "James C Cracked is God!!!":
MID: <1161060410.704020.285410@i42g2000cwa.googlegroups.com>

"Chips on you dud, you got bugged for being near me, Viruses transmit
that way you know." -- Blooey: Master of the Autoflame. Message-ID:
<4556A926.6F259DC9@pharae.org>

"Q: How many Bush administration officials does it take to change a
light bulb?
A: None. There is no need to change anything. We made the right decision
to stick with that light bulb. People who say that it is burned out are
giving aid and encouragement to the Forces of Darkness." -- Anon.

"Etymology:
Argumentum ad Septicus : argument to putrefaction. Derived from Septicum
Argumentum : putrefaction of argument.

"Septic \Sep"tic\, Septical \Sep"tic*al\
a. [L. septicus to make putrid: cf. F. septique.]
Having power to promote putrefaction. Of or relating to or
caused by putrefaction." -- Kadaitcha Man, indirectly to
Donald "Skeptic"/"Septic" Alford, in MID: <a3svh.djj.19.1@news.alt.net>

"I never fail to be amazing" -- Looney Maroon for September 2006 nominee
William Barwell's ego knows no bounds. MID:
12ggt3q3uti3t52@corp.supernews.com

"We are most nearly ourselves when we achieve the seriousness of the
child at play." -- Heraclitus

"And thats another mistake on your part. Your 'playing' games on usenet,
and I'm not playing...It has nothing to do with impressing you, it has
more to do with making sure you have the education you'll need to debate.
The debate is no fun for me if you are mentally incapable of it. I'm
giving you an opportunity to educate yourself. That's all." -- A trashy
former virus-writer turned Outer Filth doesn't know if he's playing or
working, in MID: <1159389579.179851.33970@e3g2000cwe.googlegroups.com>

"I am incapable of original thoughts" -- Ctrlï¿½/Altï¿½/Delï¿½ has an honest
moment, in MID: <0h59i25ejlthqeeitdp0hlk4kvo1ejpkt9@4ax.com>

"But now the end is near. Now Mark Foley comes along and is making
almost all liberal dreams come true and seriously, I'm sorry for it.
See, I believe in karma. I believe what comes around goes around and I
know full well that it's just bad juju to wish such a level of turmoil
and ill upon other humans, warmongering gay-hating maladroits or no, and
that the real path of enlightenment is paved with forgiveness and
progress and white-hot love and turning the other cheek and scotch.

"In fact, Jesus said something about that, I do believe. He said, "Knock
it off already with the warmongering and the hating of each other and
let's all get some wine and party like it's 2012." Then again, he never
saw Karl Rove stab the nation with the dull ice pick of bogus fear. He
never heard George W. Bush describe brutal war and the death of tens of
thousands as "just a comma" in world history.

"Check that. Maybe I'm not so sorry after all." -- Mark Morford,
http://sfgate.com/cgi-bin/article.cgi?f=/gate/archive/2006/10/11/
notes101106.DTL&nl=fix
http://tinyurl.com/kusmr

4203. test

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 15:54:46 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <MbTih.8608$cB6.8500@bignews7.bellsouth.net>
Source record: 47727

test

4204. Re: IMD products from VSWR meters

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 17:41:37 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <9n5oo2l01dv4hpnbqt64dhv4q3mtnm85rm@4ax.com>
Source record: 47728

On Fri, 22 Dec 2006 07:46:15 GMT, Owen Duffy <none@no.where> wrote:

>I have seen this advice from time to time, and having done some back of the
>envelope calcs, I wonder at the accuracy of it.

Hi Owen,

It sounds like sophistry. In years past when the FCC was more
vigorous in chasing spectrum trash, they would have nailed this down
for the transmit side. Even barring that argument, nearly every piece
of gear produced in the past 30 years has a built in SWR meter. Any
IMD from those (and, by abstraction, external units) is probably 50dB
to 60dB down.

73's
Richard Clark, KB7QHC

4205. Re: Image theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 17:44:41 UTC
From: David <nospam@nospam>
Message-ID: <Dc2dnQapXqgUhBHYRVnyugA@bt.com>
Source record: 47729

But the academic books on Antenna theory written by Professors of Electromagnetics all use image theory for vertical monopole antennas including those with elevated radials. Can anyone quote an antenna theory book that does not?

4206. Re: IMD products from VSWR meters

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 17:50:38 UTC
From: Jeff <jeff@local.host>
Message-ID: <458c2ae4$0$12895$834e42db@reader.greatnowhere.com>
Source record: 47730

> Hi Owen,
>
> It sounds like sophistry. In years past when the FCC was more
> vigorous in chasing spectrum trash, they would have nailed this down
> for the transmit side. Even barring that argument, nearly every piece
> of gear produced in the past 30 years has a built in SWR meter. Any
> IMD from those (and, by abstraction, external units) is probably 50dB
> to 60dB down.
>
> 73's
> Richard Clark, KB7QHC

Someone I used to work with spent a long time trying to suppress the harmonics from a model aircraft radio control transmitter, only to find that they were generated by the detector diode in the o/p power meter.

Also in the UK it is a licence requirement for CB that power/vswr meters are only used for setting up and are removed for normal operation.

Jeff

4207. Re: Image theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 18:08:03 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <jj7oo2957s93a124ferdo3u62ji6kdcsq3@4ax.com>
Source record: 47731

On Fri, 22 Dec 2006 17:44:41 -0000, "David" <nospam@nospam> wrote:

>But the academic books on Antenna theory written by Professors of
>Electromagnetics all use image theory for vertical monopole antennas
>including those with elevated radials. Can anyone quote an antenna theory
>book that does not?

Hi David,

The objection arises out of your commingling radials in the discussion
where the dons never asserted an image theory for them. Can you quote
any source that does? (Let's try proving a positive.)

73's
Richard Clark, KB7QHC

4208. Re: Image theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 18:36:58 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <339oo255f05lcmnq25junjurns8gf5g693@4ax.com>
Source record: 47733

On Fri, 22 Dec 2006 10:08:03 -0800, Richard Clark <kb7qhc@comcast.net>
wrote:

>On Fri, 22 Dec 2006 17:44:41 -0000, "David" <nospam@nospam> wrote:
>
>>But the academic books on Antenna theory written by Professors of
>>Electromagnetics all use image theory for vertical monopole antennas
>>including those with elevated radials. Can anyone quote an antenna theory
>>book that does not?
>
>Hi David,
>
>The objection arises out of your commingling radials in the discussion
>where the dons never asserted an image theory for them. Can you quote
>any source that does? (Let's try proving a positive.)

Let's just cut to the chase, vis-a-vis radials. These elements serve
to balance and match, not to propagate (in the sense of ground
reflections). In fact, when all the radiative contributions of a
ground plane (radials in a plane) are considered, they are self
negating.

If we were to consider the aspect of this image theory (reflection of
a wave); then those radials would have to consume both a lot of
distance out from the feed point, and a lot of real estate. By any
standards found in the market place, or in implementation, this is so
rare as to be exceedingly exceptional. Commercial AM antenna radial
fields DO NOT come close to this either.

73's
Richard Clark, KB7QHC

4209. Re: IMD products from VSWR meters

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 18:37:11 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1166812631.641891.16140@80g2000cwy.googlegroups.com>
Source record: 47732

>Any
> IMD from those (and, by abstraction, external units) is probably 50dB
> to 60dB down.

And considering that 3rd order transmit IMD from some newer rigs is
coming in as bad as just -20dB, I wouldn't worry about SWR meter IMD!

It seems like the loose coupling of the diodes to the transmission line
would limit the effect to whatever the coupling ratio is as an upper
bound.

If you're applying a signal to the diodes that's already 20-30dB weaker
than the power going to the antenna you're already doing pretty well
compared to, say, an FT-857's transmitter output.

Dan

4210. Re: IMD products from VSWR meters

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 18:42:51 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <vo9oo2ds30o4boc1jdl16af6d92ihh6ktu@4ax.com>
Source record: 47734

On 22 Dec 2006 10:37:11 -0800, "n3ox.dan@gmail.com"
<n3ox.dan@gmail.com> wrote:

>It seems like the loose coupling of the diodes to the transmission line
>would limit the effect to whatever the coupling ratio is as an upper
>bound.

Exactimundo

73's
Richard Clark, KB7QHC

4211. Re: Propagation Characteristics Of the 60 Meter Band ??

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 18:49:14 UTC
From: Bruce in Alaska <bruceg@btpost.net>
Message-ID: <bruceg-386907.09484022122006@netnews.att.net>
Source record: 47735

In article <Xns98A082958666Ddoldridgsprintca@64.59.135.159>,
Dave Oldridge <doldridg@leavethisoutshaw.ca> wrote:

> "Caveat Lector" <CL@nowhere.com> wrote in
> news:B%Uhh.25578$6J4.17997@newsfe08.phx:
>
> > I need to write up a brief description of the propagation
> > characteristics of this band.
> > Being it is between the 40 Meter and 80 meter band, I assume the 60
> > meter band is local or very poor during the day. At night in the
> > winter months, propagation should offer characteristics similar to the
> > 40 meter and 80 meter bands. Have read some reports of NVIS being used
> > successfully for local day communications.
>
> The only time I've used it extensively was years ago in the high arctic.
> We had a point-to-point circuit with a place about 800 miles to our south
> (most places were to our south!) using 5597.5 CW and later, SSB. Most of
> the time it was fine, day or night (and the days and nights are six
> months up there). Occasionally conditions would black it out and we
> would be forced to revert to LF.
>
> Of course we were using power levels a tad higher than amateurs are being
> permitted on the band. Our CW transmitter was 200w (though we had the
> loan of an 8KW transmitter and a rhombic for a while) and the antenna was
> a dipole. The SSB that replaced the CW was about 2KW. The LF was 2KW on
> 170.5 and eventually was changed from CW to RTTY.
>
> Another frequency in wide use at that time was 5680. It was used for AM
> air/ground comms. I remember one day working an RCAF Herc below the
> equator on a run from Peru to Australia. He was calling Honolulu and
> they couldn't hear him for some reason and since I knew the aircraft and
> the pilot, I called him and got his position report for air traffic
> control. They were a little taken aback by where the report came from,
> but hey, if the path works, use it! This was in daytime and, if I
> remember, a daylight path all the way! (Though I could be wrong about
> that, it was more than 40 years ago).

We up here in Alaska have used the 60 Meter Band for many years. We also have a State Emergency Calling Frequency of 5167.5 Khz that is available to ALL Radio Services located inside the State of Alaska. With the NEW Rules that became active on Dec.15th, we are now allowed to hold Preparedness Drills as well as Nets on this frequency, and communicated with the Alaska Private Fixed Stations, and Public Safety Stations thru out the State. I have many years of experience using the Alaska Private Fixed Frequency 5164.5 Khz (Working Frequency associated with 5157.5 Khz

Calling and Emergency Frequency) Also note that Stations using
5167.5 Khz are allowed 150 Watts PEP Tx Power, including Ham Stations.

Bruce in alaska AL7AQ
--
add a <2> before @

4212. Re: IMD products from VSWR meters

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 18:49:15 UTC
From: richardharrison@webtv.net
Message-ID: <495-458C28AB-1472@storefull-3254.bay.webtv.net>
Source record: 47736

Owen Duffy wrote:
"Because active SWR meters do not usually suffer from this effect, they can normally be left in withoout causing such problems."

Ordinary meters needing only r-f to power their indicators can also be left in the line with no visible effect because their demand for r-f is very small.

Insertion loss is specified in the Bird Model 43 Instruction Book between the 50-ohm line and sensing circuitry. Specification is 53 dB down between 512 MHz and 20 MHz. Coupling decreases to 70 dB down between 10 MHz and 2 MHz.

The 30 microamp d-c meter and its associated circuitry need negligible r-f power from the line for nearly all ranges.

60 dB is a power ratio of one million to one.

Best regards, Richard Harrison, KB5WZI

4213. Re: Go ahead and cry, we understand Slow Code :(

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 19:21:53 UTC
From: Pete <zs5actRemovethis@mweb.co.za>
Message-ID: <emhb8u$gd1$1@ctb-nnrp2.saix.net>
Source record: 47753

Hi All,
The 30M band is also a phone band during daylight hours in the Southern
Hemisphere. Still not much traffic though!

Glad to see the US finally did the right thing with regard to CW.

73 from South Africa.

--
Pete . .
ZS5ACT / ZS5ZZ

------ Reply Separator ------

"John Passaneau" <jxp16@psu.edu> wrote in message
news:em937j$17m8$1@f04n12.cac.psu.edu...
> It does, its called 30 meters....
>
> Not very many people use it though....
>
>
> --
> John Passaneau, W3JXP
> State College Pennsylvania
> jxp16@psu.edu
>
> <Fred Furlly> wrote in message
> news:jjc7o2tsou1b1ng8klfccrmtammjhr8ie5@4ax.com...
>> On Fri, 15 Dec 2006 20:28:15 -0800, John Smith
>> <assemblywizard@gmail.com> wrote:
>>
>>>Apparently, this is real ...
>>>
>>>http://hraunfoss.fcc.gov/edocs_public/attachmatch/DOC-269012A1.pdf
>>>
>>>Regards,
>>>JS
>>
>>
>> OhMyGosh! Me thinks this will just about be the end of ol' SC! This
>> will probably kill him dead straight away! Him and about every
>> General or higher class of log-beaters. . . =)
>>
>> Actually, this is a radical approach to a troubling issue. Some
>> times, when pressed, the government just goes too far. This is one.
>> the "Key" should retain a special place. Again I say it should not be

>> allowed to "Rule All", but it should have its very own, very special
>> band width souly reserved to it.
>
>

4214. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 19:52:34 UTC
From: chuck <nospam@nospam.org>
Message-ID: <1166817232_15011@sp6iad.superfeed.net>
Source record: 47737

Jim Kelley wrote:
> chuck wrote:
>> Hi Jim,
>>
>> Can you elaborate further on your understanding of just how an
>> ungrounded antenna wire that receives an increment of charge causes a
>> response in the receiver as the charge is being acquired?
>
> Hi Chuck - given a large enough increment of charge it's pretty
> straightforward. Best example I can think of is a capacitor. Take a
> high gain amplifier with an input coupling capacitor and start daubing
> clumps of charge onto the unconnected input lead. When the amount of
> charge is big enough, you'll hear the pop that results from the
> instantaneous change in charge. Thousands of those per second and
> pretty soon we're talking some real noise. ;-)
>
>> If dust particles are charged as raindrops are (mixed polarity and
>> magnitude) a typical incremental charge is on the order of 8
>> picocoulomb. Do we have an understanding of how much power would be
>> transmitted to the 50 ohm input impedance of the receiver by such an
>> incremental charge and the mechanism by which that transmission takes
>> place? Based on anecdotal info, it is not unusual for these impulses
>> to appear at an average level of several S-units.
>>
>> Thanks for any insights you can share.
>>
>> Chuck, NT3G
>
> I've never worked these numbers before, but given your typical charge
> per particle of 8 picocoulombs, and a 16uV signal from a 50 ohm antenna
> (converted to uamps), I get about 4x10^4 of those particles per second.
> Given the density of air, that's a pretty low number I think. If I'm
> wrong, please don't blast me. The back of my envelope here is pretty
> messy and hard to read. :-)

Hi Jim,

Seems I misunderstood your original post as suggesting that each
incremental charge produced a pop.

I see that the typical current density of rain in a storm is on the
order of 0.1 - 1 uA/square meter. Taking the usual obscene liberties
with priors, that's on the order of 60 - 240 pA for a 40 meter long wire
with a diameter of 2 mm.

The average voltage developed at the receiver front end (50 ohms)would then be on the order of 12 nanovolts (240 pA x 50 ohms). This is obviously many orders of magnitude less than reported p-static signal levels.

Using your capacitor-coupled amplifier example, a continuous, average current of 240 pA would be more like DC than what we seem to hear. I am persuaded that there may be some kind of relaxation process going on in which the charges build to some breakdown level and appear as a pulse (significantly greater than 12 nV) at the receiver input. But what breaks down? Diodes? Presumably we are not talking about arcing here. Does anyone recall this phenomenon in the vacuum tube receiver era?

Also unknown is the state of charge of the ungrounded antenna wire just prior to the acquisition of an incremental charge. Is the antenna at some high positive or negative potential just prior to impact, allowing a small incremental charge to cause a breakdown?

What I think we do know is that there are sometimes charged particles (dust, rain, snow, etc.) that impact an antenna and cause a characteristic type of noise in the receiver. Exactly which particles, with which charges, and under what conditions of pre-existing charge in the antenna do we see such noise and at what signal levels?

I'm sort of at the analogous point of noting that crop growth is correlated with some periodic level of rainfall, without a clue as to the mechanism by which the raindrops and plant growth are related. ;-)

Appreciate your comments, Jim.

73,
Chuck

>
> 73, Jim, AC6XG
>
>
>
>
>

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http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

4215. Re: Image theory

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 19:57:12 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12ooe4vfkebas37@corp.supernews.com>
Source record: 47738

David wrote:
> But the academic books on Antenna theory written by Professors of
> Electromagnetics all use image theory for vertical monopole antennas
> including those with elevated radials. Can anyone quote an antenna theory
> book that does not?

Kraus, _Antennas_
Johnson, _Antenna Engineering Handbook_
Lo and Lee, _Antenna Handbook_
Balanis, _Antenna Theory_
King and Harrison, _Antennas and Waves_
Jordan & Balmain, _Elecromagnetic Waves and Radiating Systems_
King, Mimno, and Wing, _Transmission Lines, Antennas, and Wave Guides_
Brown, Sharpe, Hughes, and Post, _Lines, Waves, and Antennas_
Stutzman & Thiele, _Antenna Theory and Design_

to name a few. I'm sure there are many more, but those are the ones
currently on my shelf.

Several of these authors use an image to analyze a vertical antenna over
a perfectly conducting ground of infinite extent. None use it for any
other situation, including elevated radials. And for a very good reason
-- it's not valid for other situations.

Roy Lewallen, W7EL

4216. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 20:39:13 UTC
From: Dave <noone@nowhere.com>
Message-ID: <QoadncXr2erf3xHYnZ2dnUVZ_qarnZ2d@crocker.com>
Source record: 47739

"chuck" <nospam@nospam.org> wrote in message
news:1166817232_15011@sp6iad.superfeed.net...
> Jim Kelley wrote:
>> chuck wrote:
>>> Hi Jim,
>>>
>>> Can you elaborate further on your understanding of just how an
>>> ungrounded antenna wire that receives an increment of charge causes a
>>> response in the receiver as the charge is being acquired?
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>> Hi Chuck - given a large enough increment of charge it's pretty
>> straightforward. Best example I can think of is a capacitor. Take a
>> high gain amplifier with an input coupling capacitor and start daubing
>> clumps of charge onto the unconnected input lead. When the amount of
>> charge is big enough, you'll hear the pop that results from the
>> instantaneous change in charge. Thousands of those per second and pretty
>> soon we're talking some real noise. ;-)
>>
>>> If dust particles are charged as raindrops are (mixed polarity and
>>> magnitude) a typical incremental charge is on the order of 8
>>> picocoulomb. Do we have an understanding of how much power would be
>>> transmitted to the 50 ohm input impedance of the receiver by such an
>>> incremental charge and the mechanism by which that transmission takes
>>> place? Based on anecdotal info, it is not unusual for these impulses to
>>> appear at an average level of several S-units.
>>>
>>> Thanks for any insights you can share.
>>>
>>> Chuck, NT3G
>>
>> I've never worked these numbers before, but given your typical charge per
>> particle of 8 picocoulombs, and a 16uV signal from a 50 ohm antenna
>> (converted to uamps), I get about 4x10^4 of those particles per second.
>> Given the density of air, that's a pretty low number I think. If I'm
>> wrong, please don't blast me. The back of my envelope here is pretty
>> messy and hard to read. :-)
>
> Hi Jim,
>
> Seems I misunderstood your original post as suggesting that each
> incremental charge produced a pop.
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> I see that the typical current density of rain in a storm is on the order
> of 0.1 - 1 uA/square meter. Taking the usual obscene liberties with

> priors, that's on the order of 60 - 240 pA for a 40 meter long wire with a
> diameter of 2 mm.
>
> The average voltage developed at the receiver front end (50 ohms)would
> then be on the order of 12 nanovolts (240 pA x 50 ohms). This is obviously
> many orders of magnitude less than reported p-static signal levels.
>
> Using your capacitor-coupled amplifier example, a continuous, average
> current of 240 pA would be more like DC than what we seem to hear. I am
> persuaded that there may be some kind of relaxation process going on in
> which the charges build to some breakdown level and appear as a pulse
> (significantly greater than 12 nV) at the receiver input. But what breaks
> down? Diodes? Presumably we are not talking about arcing here. Does anyone
> recall this phenomenon in the vacuum tube receiver era?
>
> Also unknown is the state of charge of the ungrounded antenna wire just
> prior to the acquisition of an incremental charge. Is the antenna at
> some high positive or negative potential just prior to impact, allowing a
> small incremental charge to cause a breakdown?
>
> What I think we do know is that there are sometimes charged particles
> (dust, rain, snow, etc.) that impact an antenna and cause a characteristic
> type of noise in the receiver. Exactly which particles, with which
> charges, and under what conditions of pre-existing charge in the antenna
> do we see such noise and at what signal levels?
>
> I'm sort of at the analogous point of noting that crop growth is
> correlated with some periodic level of rainfall, without a clue as to
> the mechanism by which the raindrops and plant growth are related. ;-)
>

the noise is caused by corona on the antenna due to the electric field
between the ground and cloud. this field can be many thousands of kv per
meter which is enough to cause sharp points and tips of elements to generate
corona which makes the hiss and pop noises.

4217. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 21:02:46 UTC
From: chuck <nospam@nospam.org>
Message-ID: <1166821443_15143@sp6iad.superfeed.net>
Source record: 47740

Dave wrote:

>
> the noise is caused by corona on the antenna due to the electric field
> between the ground and cloud. this field can be many thousands of kv per
> meter which is enough to cause sharp points and tips of elements to generate
> corona which makes the hiss and pop noises.
>
>

Hi Dave,

Yeah, that's another hypothesis. One might even be led to reason that insulation would prevent these corona discharges. Yet, it is quite easy to charge a grounded antenna (completely insulated) with the electric field that exists between the ground and clouds (or air masses).

So we have at least two candidate causes for what is called by some "precipitation static": charged particles physically impinging on the antenna wire; and electrostatically induced charges that produce corona discharges. Are there others? Can both processes occur simultaneously? Are the two processes simply different paths to the same end: corona discharges?

Do we have a way to test these competing hypotheses?

73,

Chuck

----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

4218. Re: IMD products from VSWR meters

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 21:15:38 UTC
From: Owen Duffy <none@no.where>
Message-ID: <Xns98A252465AA59nonenowhere@61.9.191.5>
Source record: 47741

richardharrison@webtv.net (Richard Harrison) wrote in news:495-458C28AB-1472@storefull-3254.bay.webtv.net:

> Owen Duffy wrote:
> "Because active SWR meters do not usually suffer from this effect, they
> can normally be left in withoout causing such problems."

For clarification, I didn't say those words and I don't represent that position at all. They are a partial quote by Richard Harrison of my quote from Wikipeadia.

>
> Ordinary meters needing only r-f to power their indicators can also be
> left in the line with no visible effect because their demand for r-f is
> very small.
>
> Insertion loss is specified in the Bird Model 43 Instruction Book
> between the 50-ohm line and sensing circuitry. Specification is 53 dB

I think "insertion loss" has a different meaning, but I agree that the coupling loss to the sampler is typically very high.

My back of the envelope calculations were:

Looking at typical Breune style ham external VSWR meters which have a voltage divider of 1:60, the coupling loss (voltage sampler + current sampler) is probably in excess of 30dB. Conversion loss (power into the sampler to harmonic/IMD out is probably in excess of 40dB. Total round trip loss is probably 30+40+30dB, which is far better than the performance of a typical PA.

If there was substance to it, it is a bit of a worry as others have noted, most transceivers have a built in coupler for at least protection purposes.

I know that there were versions of external SWR meters with a "power" measurement function that indeed had a diode receifier connected directly to the through line, and the coupling loss term I discussed above would not apply. Similary, an "RF Power Out" using similar circuitry was incorporated in a lot of low power transmitters (eg CB). Nevertheless, conversion loss (as an RF harmonic/IMD generator) in the rectifier circuit is still probably enough to ensure products are below normal PA IMD products.

But... the question was really has anyone seen credible measurements that might support the Wikipeadia line?

It is probably yet another archtypal ham myth about VSWR, and since it is rarer, it would be a real gem for the "knowing" to trot out.

Owen

4219. Hemispheric coverage CP antennas

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 21:21:39 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <D%Xih.70$Ej7.64@trnddc02>
Source record: 47742

I have become interested in trying to develop antennas for hemispheric coverage for circularly polarized signals. My interest in related to 137 MHz weather satellites, but not restricted to that frequency.
I have one concept for receiving NOAA satellite signals that is slightly better than with a Quad Helix.

My reason for this post is to try to communicate with anyone with interest in this antenna development as a hobby. That is - I'd like to be able to exchange ideas with another amateur antenna hobbyist.

Jerry

4220. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 21:30:08 UTC
From: Dave <noone@nowhere.com>
Message-ID: <lqydncRO1MWv0xHYnZ2dnUVZ_tSunZ2d@crocker.com>
Source record: 47743

"chuck" <nospam@nospam.org> wrote in message
news:1166821443_15143@sp6iad.superfeed.net...
> Dave wrote:
>
>>
>> the noise is caused by corona on the antenna due to the electric field
>> between the ground and cloud. this field can be many thousands of kv per
>> meter which is enough to cause sharp points and tips of elements to
>> generate corona which makes the hiss and pop noises.
>>
>>
>
> Hi Dave,
>
> Yeah, that's another hypothesis. One might even be led to reason that
> insulation would prevent these corona discharges. Yet, it is quite easy to
> charge a grounded antenna (completely insulated) with the electric field
> that exists between the ground and clouds (or air masses).
>
> So we have at least two candidate causes for what is called by some
> "precipitation static": charged particles physically impinging on the
> antenna wire; and electrostatically induced charges that produce corona
> discharges. Are there others? Can both processes occur simultaneously? Are
> the two processes simply different paths to the same end: corona
> discharges?
>
> Do we have a way to test these competing hypotheses?

the easiest test is done for us, all we have to do is observe.
'precipitation' static can occur without rain or snow, and it sounds exactly
like the noise when there is rain or snow... so i say the corona effect is
the major cause and any effect from charged particles is secondary and much
smaller.

4221. Steve spends his vacation time to type lies, steve switch to captial one

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 21:56:38 UTC
From: Mark@kb9rqz.aprs
Message-ID: <t3loo25jahmj5qj4e9glif9ls80o04c40l@4ax.com>
Source record: 47744
Cross-posted to: rec.radio.amateur.policy,talk.politics.mideast,rec.radio.cb,alt.usenet.kooks,rec.radio.amateur.antenna

On Fri, 22 Dec 2006 15:15:22 GMT, The Demon Prince of Absurdity
<absurd_number_of_nicks@hell.corn> wrote:

>On Thu, 21 Dec 2006 22:55:12 -0800, I PUNCE did the cha-cha, and screamed:
>> Mark@kb9rqz.aprs wrote:
>>> On 21 Dec 2006 09:07:06 -0800, "K4YZ" wrote:
>>>
>>> > Well, fatboy, it's been a fun four hours but I have to go out and
>>> >do some of the things that you claim I don't have to do...
>>>
>>> this what you do for Steve? I enage in my posting aginst for defense
>>> against a clear madman
>>>
>>> that you would spend your vacations this is sign your realy need to get
>>> a life
>>>
>>> I supose this sort of must be better than giving the abuse I am sure you
>>> would other dish out to amy and your kids if you spent the time with
>>> them
>>
>> I PUNCE
>
>I'm sure you do, Wabbit. In fact, I don't believe you even need a
>partner to help you. You "punce" all by yourself.

I think maybe he is just msipelling Dunce perhaps
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4222. SWL - Random Wire - What Lightning Protection???

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 22:42:17 UTC
From: amyotte@personainternet.com
Message-ID: <1166827337.878480.170780@a3g2000cwd.googlegroups.com>
Source record: 47745

What Lightning Protection product should be used with a Random Wire
setup.

Looking at the Zap Trapper.
I do realized that a direct hit will not save anything though.

Brian

4223. Re: IMD products from VSWR meters

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 22:51:19 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <458c6169$0$19093$4fafbaef@reader4.news.tin.it>
Source record: 47746

Because active SWR meters do not usually suffer
from this effect, they can normally be left in without causing such
problems

Can anyone clearly explain what is an "active" SWR meter? I would presume that the line is decopled from the diode by means of an amplifier. Is that what they mean?

73

Tony I0JX

4224. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-22 23:55:37 UTC
From: Tom Donaly <dtdonaly@sbcglobal.net>
Message-ID: <dg_ih.6758$QU1.2205@newssvr22.news.prodigy.net>
Source record: 47747

chuck wrote:
> Dave wrote:
>
>>
>> the noise is caused by corona on the antenna due to the electric field
>> between the ground and cloud. this field can be many thousands of kv
>> per meter which is enough to cause sharp points and tips of elements
>> to generate corona which makes the hiss and pop noises.
>>
>>
>
> Hi Dave,
>
> Yeah, that's another hypothesis. One might even be led to reason that
> insulation would prevent these corona discharges. Yet, it is quite easy
> to charge a grounded antenna (completely insulated) with the electric
> field that exists between the ground and clouds (or air masses).
>
> So we have at least two candidate causes for what is called by some
> "precipitation static": charged particles physically impinging on the
> antenna wire; and electrostatically induced charges that produce corona
> discharges. Are there others? Can both processes occur simultaneously?
> Are the two processes simply different paths to the same end: corona
> discharges?
>
> Do we have a way to test these competing hypotheses?
>
> 73,
>
> Chuck
>
> ----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet
> News==----
> http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+
> Newsgroups
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You can easily charge up an insulator with a static charge. A comb is
usually made out of an insulating material. Run one through some hair
and it will pick up small pieces of paper. (I use my wife's hair.)
Secondly, particles don't have to be charged to create a charge on
an antenna. They just have to touch it and be pulled off. Google
triboelectricity. (I think I spelled that right. If I didn't, ask
Cecil how it's spelled. He knows.) Yes, there is more than one way to

charge an object to the point of creating corona discharge. Make a small Van de Graf generator and try that. You also might want to charge up an insulator (your comb), touch it to your antenna, and measure how much charge was actually transferred to the antenna. Discharging insulators is sometimes difficult because they're, well, insulators and charge doesn't move around on them readily. Sometimes you have to use Polonium 210, or a torch, or a specially built fan to accomplish this. (You can buy a Polonium brush. The manufacturer warns against taking it apart to see how it works, though.)

Make a homemade field mill and measure the earth's electric field during a time when there's corona discharge from your antenna. A large natural electric field from a big, honking thundercloud could easily cause coronal discharge on your antenna under those circumstances. There are lots of things a dedicated amateur can do to measure static electricity, and, if he doesn't get killed, the effort is worth it. Just making up theories out of the clear blue, however, without any attempt to test them, is just a waste of time.
73,
Tom Donaly, KA6RUH

4225. Re: IMD products from VSWR meters

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 00:34:34 UTC
From: Ross Alexander <rwa@auberge.bogons>
Message-ID: <86vek330x1.fsf@auberge.bogons>
Source record: 47748

"n3ox.dan@gmail.com" <n3ox.dan@gmail.com> writes:

> And considering that 3rd order transmit IMD from some newer rigs is
> coming in as bad as just -20dB, I wouldn't worry about SWR meter IMD!

Care to name them? You'd be doing the community a favour. It's also
pretty hard to evaluate a claim about "some rigs", what's being claimed
exactly?

regards,
Ross ve6pdq

4226. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 01:21:38 UTC
From: chuck <nospam@nospam.org>
Message-ID: <1166836973_16667@sp6iad.superfeed.net>
Source record: 47749

Tom Donaly wrote:

>
> You can easily charge up an insulator with a static charge. A comb is
> usually made out of an insulating material. Run one through some hair
> and it will pick up small pieces of paper. (I use my wife's hair.)
> Secondly, particles don't have to be charged to create a charge on
> an antenna. They just have to touch it and be pulled off. Google
> triboelectricity. (I think I spelled that right. If I didn't, ask
> Cecil how it's spelled. He knows.) Yes, there is more than one way to
> charge an object to the point of creating corona discharge. Make a
> small Van de Graf generator and try that. You also might want to
> charge up an insulator (your comb), touch it to your antenna, and
> measure how much charge was actually transferred to the antenna.
> Discharging insulators is sometimes difficult because they're, well,
> insulators and charge doesn't move around on them readily. Sometimes
> you have to use Polonium 210, or a torch, or a specially built
> fan to accomplish this. (You can buy a Polonium brush. The manufacturer
> warns against taking it apart to see how it works, though.)
>
> Make a homemade field mill and measure the earth's electric field
> during a time when there's corona discharge from your antenna. A large
> natural electric field from a big, honking thundercloud could easily
> cause coronal discharge on your antenna under those circumstances.
> There are lots of things a dedicated amateur can do to measure static
> electricity, and, if he doesn't get killed, the effort is worth it.
> Just making up theories out of the clear blue, however, without any
> attempt to test them, is just a waste of time.
> 73,
> Tom Donaly, KA6RUH

Hi Tom,

Don't know toward whom your post was directed, but I'll comment anyway
--if that's OK. ;-)

I'm quite comfortable with your statements on electrostatics. Regarding
theories and testing, however, there is perhaps more to be said. A lot
of anecdotal evidence of p-static has been described, more or less
roughly, in the group. That's really great. But before meaningful tests
can be designed, I think an attempt at understanding the mechanisms
behind the various p-static reports should be explored. A big part of
the problem is that we probably can't cause the p-static to appear on
command in our testing laboratories! Moreover, we are pulling stuff out
of the air if we believe all reported cases of p-static arise from

similar conditions. In more blunt language, I most humbly suggest we seem to be having difficulty understanding what is going on and I hope that the more it is discussed the more likely we can achieve closure.

We have, if I am following correctly, at least two suggested causes for the observed phenomena. Charge impingement and electrostatic induction. Yeah, they're both electrostatic actions, but very different. They can even occur simultaneously, which adds additional complication. Moreover, we're concerned with an electrodynamic consequence (a current in the receiver input circuit) of some electrostatic event(s).

It is beginning to appear that in some minds, these two explanations are merging: both can cause coronal discharges. I am somewhat skeptical about the induction mechanism, at least in the case of an insulated wire. Here is why: if the field is strong enough to cause coronal discharge of an insulated conductor, it will also cause coronal discharge of almost everything in the vicinity. I think a very strong field would be required for that to occur, surely much more than 10 KV/meter. Didn't W8JI describe something like that with discharges from trees?

Electrostatic induction will not generally transfer a charge to an ungrounded conductor. It will simply redistribute the free charges thereon so as to render the net field within the conductor zero. In other words, only charged object(s) brought into direct contact with the conductor will impart a charge. An electroscope comes to mind: bringing a charged comb near the electroscope will cause the leaves to fly outward, but no charge is transferred; the comb (i.e., its field) merely redistributes the charges preexisting on the electroscope.

For a grounded wire antenna (even one grounded through the 50 ohm input impedance of the receiver), there is a vast supply of charges that can be "induced" by charged clouds into the conductor from the earth itself. All the free charges in the wire (rather than 50%(?) of them in the insulated case?) may make coronal discharges possible at lesser field strengths.

I hope we can continue to kick this around.

73,
Chuck NT3G

-----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

4227. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 01:53:54 UTC
From: JIMMIE <JIMMIEDEE123@YAHOO.COM>
Message-ID: <1166838834.614006.26080@i12g2000cwa.googlegroups.com>
Source record: 47750

Dave wrote:
> "art" <aunwin@insightbb.com> wrote in message
> news:1166543181.269834.203030@f1g2000cwa.googlegroups.com...
> > In the thread Rain static I referred to a closed surface which is
> > clearly
> > defined by Gauss's law.
>
> Gauss's law doesn't define a surface, the surface is any arbitrary surface
> surrounding a charge.
>
> >Let us now look at a time vary field applied to
> >
> > a dielectric. I fht efield is applied for the shortest of time the
> > charges
> > will stay on the surface. If time is longer than the shortest space of
> > time
>
> you make it sound like there is some 'shortest' time where charges won't
> move. this is not true. no matter how short you make the time it will move
> the charges.
>
> > then charges will openetrate the closed surface. If the surface is an
> > insulator type then it takes a long while to penetrate but if the
> > surface
>
> Here you mix up 'surface' and 'surface'. the gauss's law 'surface' is a
> mathematically useful construction around a charge, it does not have any
> charge 'on' it, nor is there any 'penetration' of it by charge in gauss's
> law. it is strictly a non-material thing that is used only for calculation
> purposes.
>
> > is a good conductor then the charges will penetrate very quickly so
> > we can associate the time constant of penetration to the subject of
> > skin depth. If we are to associate the time varying field to a
> > gaussian field
>
> you have yet to define a 'gaussian field'. gauss's law applies to electric
> fields and their relation to charges.
>
> > all the excess charges must be on the surface by law.
>
> only in a 'perfect' conductor. dielectrics and 'empty' space can have
> distributed charges throughout.
>

> >Or in other words
> > the time evolved must be shorter than the time required to begin
> > penetration.
>
> huh? it just goes down hill from here. write some equations, do some
> drawings, publish a manuscript. all the rest is empty handwaving based on
> incorrect assumptions and missing definitions.
>
> > Thus for a short space of time all charges are on the surface and the
> > charges
> > have a magnhe radiating eneetic and electric field vectors. Just having
> > charges is not enough to convert to a gaussian field in that a gaussian
> > field must be in equilibrium thus a cluster of elements
> > must have the direction of the surface charges change in unison. For a
> > cluster of elements to do this they must all be resonant such that the
> > charges reach the ends of the elements at the same time. Resonance of
> > an element is determined by its diameter and its length and because it
> > is coupled to other elements in the cluster the coupling must be taken
> > into account to secure resonance of not only the individual elements
> > but of the cluster as a whole. When this is accomplished the charges on
> > the surface of the closed volume are in equilibrium but onty for that
> > shortest of short time and where that time is added to the gaussian
> > formulae for the transition to be complete. For the Gaussian field or
> > volume we can say the energy inside the gaussian field is equal to that
> > supplied by flux to the outside of the border and remember the flux
> > inside consists of magnetic and electric vectoirs. We now can say that
> > in a moment of time the flux produced from each element that breaches
> > the border in summation with the other elements is equal to the
> > radiating field outside of the border when each element energy makes
> > the transmittion. Thus the summation of each of the clustered elements
> > individual energy when the vectors are given a value
> > must equal the flux on the outside of the border that produces
> > radiation. We also know that if we have a cluster of elements that are
> > clustered together we can obtain radiation by just applying a time
> > varing field to just one of the elements and by virtue of intercoupling
> > all the radiating energy
> > will leave the near field. Thus we have two different methods of
> > determining the value of the radiated field
> > ! radiation from the clustered within a Gaussian field and
> > 2 radiation from an array of coupled elements
> > Since the elements within the cluster are all of the same "Q'" the
> > determination of all factors
> > in the resulting equation are simplified to Ohms law and where the
> > laborious coupling calculations
> > are omitted. The above describes in first principles as to how a
> > Gaussian field in a short space of time can be equated to a radiating
> > cluster using existing laws of the masters which also embraces NEC
> > code. Now many have said I have no understanding of radiation concepts
> > so go ahead and tear this apart and have a merry Xmas doing it
> > Art Unwin KB9MZ.....XG

> >

It appears Art has picked up some phrases haphazardly and is trying to apply them to antennas some how, If I remember correctly doesnt Gaussian field apply to statistical distribution. Been a long time since I had statistical analysis back in the early 70s but I think this is also refered to as a "normal distribution".

4228. Re: IMD products from VSWR meters

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 02:03:56 UTC
From: nm5k@wt.net
Message-ID: <1166839436.296841.204150@f1g2000cwa.googlegroups.com>
Source record: 47751

Antonio Vernucci wrote:
> Because active SWR meters do not usually suffer
> from this effect, they can normally be left in without causing such
> problems
>
> Can anyone clearly explain what is an "active" SWR meter? I would presume that
> the line is decopled from the diode by means of an amplifier. Is that what they
> mean?
>
> 73
>
> Tony I0JX

In this neck of the woods "active" usually means the meter has
peak reading circuitry that requires power to operate. In general,
as far as ordinary peak reading meters, this is the most accurate
type as far as trying to read voice peaks. The better ones use
fast acting LED's as the meter.
A "passive" meter is one that uses capacitors to give the meter
a "hang time" to sort of read peaks. But it's not as accurate, and
almost always reads low. "20-25% worth" for the average meter.
The cross needle meter in my MFJ-989C is an example of a
passive meter circuit. I call it "psuedo peak reading". :/
I also built a passive circuit into my old green cube heathkit
meter. It has a switch on the back to switch the caps in or out.
Naturally, the passive meters require no power to operate.
MK

4229. Re: 10 Meter J Pole& Ladder Line

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 02:06:55 UTC
From: JIMMIE <JIMMIEDEE123@YAHOO.COM>
Message-ID: <1166839614.978401.159500@79g2000cws.googlegroups.com>
Source record: 47752

Dale Parfitt wrote:
> "Jimmie D" <jimmiedee@bellsouth.net> wrote in message
> news:amgih.877$_X.546@bigfe9...
> >
> > "cutress" <cutress@computan.on.ca> wrote in message
> > news:fcgih.4$hM1.79@newscontent-01.sprint.ca...
> >> Hi,anyone tried a J pole ant. for 10 meter's using 450 ohm ladder
> >> line.What were the results?
> >>
> >> tnx
> >>
> >
> > Made one using EMT conduit.
> > Did a 20M vertcal endfed with a stub made of ladder line. Works as
> > expected.
> >
> > If I were doing it again I would make it 5/8ths. IMO the 5/8 would be
> > easier to tune up.
> >May be- but you would also then require a counterpoise.
>
> Dale W4OP

Dale, I dont think this would be much of a problem for 10 meters.

4230. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 03:18:59 UTC
From: Cecil Moore <w5dxp@hotmail.com>
Message-ID: <1166843939.483274.36540@48g2000cwx.googlegroups.com>
Source record: 47754

chuck wrote:
> So we have at least two candidate causes for what is called by some
> "precipitation static": charged particles physically impinging on the
> antenna wire; and electrostatically induced charges that produce corona
> discharges.

Precipitation static requires static transferred from charged
particles of rain, snow, or dust. Corona requires the ionization
of air. These two phenomena can exist together or separately.
Ionization of air requires a certain threshold. Precipitation
static can exist either below or that threshold or be the cause
of the corona. Corona can exist in the absence of precipitation
static. There are other kinds of static, e.g. propagating EM
static from numerous sources.
--
73, Cecil, w5dxp.com

4231. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 03:26:23 UTC
From: Tom Donaly <dtdonaly@sbcglobal.net>
Message-ID: <NI1jh.2077$x67.1839@newssvr17.news.prodigy.net>
Source record: 47755

chuck wrote:
>
> Hi Tom,
>
> Don't know toward whom your post was directed, but I'll comment anyway
> --if that's OK. ;-)
>
> I'm quite comfortable with your statements on electrostatics. Regarding
> theories and testing, however, there is perhaps more to be said. A lot
> of anecdotal evidence of p-static has been described, more or less
> roughly, in the group. That's really great. But before meaningful tests
> can be designed, I think an attempt at understanding the mechanisms
> behind the various p-static reports should be explored. A big part of
> the problem is that we probably can't cause the p-static to appear on
> command in our testing laboratories! Moreover, we are pulling stuff out
> of the air if we believe all reported cases of p-static arise from
> similar conditions. In more blunt language, I most humbly suggest we
> seem to be having difficulty understanding what is going on and I hope
> that the more it is discussed the more likely we can achieve closure.
>
> We have, if I am following correctly, at least two suggested causes for
> the observed phenomena. Charge impingement and electrostatic induction.
> Yeah, they're both electrostatic actions, but very different. They can
> even occur simultaneously, which adds additional complication. Moreover,
> we're concerned with an electrodynamic consequence (a current in the
> receiver input circuit) of some electrostatic event(s).
>
> It is beginning to appear that in some minds, these two explanations are
> merging: both can cause coronal discharges. I am somewhat skeptical
> about the induction mechanism, at least in the case of an insulated
> wire. Here is why: if the field is strong enough to cause coronal
> discharge of an insulated conductor, it will also cause coronal
> discharge of almost everything in the vicinity. I think a very strong
> field would be required for that to occur, surely much more than 10
> KV/meter. Didn't W8JI describe something like that with discharges from
> trees?
>
> Electrostatic induction will not generally transfer a charge to an
> ungrounded conductor. It will simply redistribute the free charges
> thereon so as to render the net field within the conductor zero. In
> other words, only charged object(s) brought into direct contact with the
> conductor will impart a charge. An electroscope comes to mind: bringing
> a charged comb near the electroscope will cause the leaves to fly
> outward, but no charge is transferred; the comb (i.e., its field) merely

> redistributes the charges preexisting on the electroscope.
>
> For a grounded wire antenna (even one grounded through the 50 ohm input
> impedance of the receiver), there is a vast supply of charges that can
> be "induced" by charged clouds into the conductor from the earth itself.
> All the free charges in the wire (rather than 50%(?) of them in the
> insulated case?) may make coronal discharges possible at lesser field
> strengths.
>
> I hope we can continue to kick this around.
>
> 73,
> Chuck NT3G
>
>
>
>
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> News==----
> http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+
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Hi Chuck,
Read "Meteorological Aspects of Precipitation Static" By
Lieutenant Robert C, Edwards, U.S.N.R., and Captain George W. Brock,
U.S.A.A.F. from the Journal of Meteorology, Vol. 1, Number 4,
December, 1945. If you Google "Precipitation Static" you can
find a pdf file of it. They actually went up in three different
airplanes, an RB-37, a B-25D, and a B-17G and did some measurements.
You might be interested in their methods and conclusions.
73,
Tom Donaly, KA6RUH

4232. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 03:38:18 UTC
From: Tom Donaly <dtdonaly@sbcglobal.net>
Message-ID: <Kw1jh.11396$hl.9270@newssvr11.news.prodigy.net>
Source record: 47756

Cecil Moore wrote:

> chuck wrote:
>
>>So we have at least two candidate causes for what is called by some
>>"precipitation static": charged particles physically impinging on the
>>antenna wire; and electrostatically induced charges that produce corona
>>discharges.
>
>
> Precipitation static requires static transferred from charged
> particles of rain, snow, or dust. Corona requires the ionization
> of air. These two phenomena can exist together or separately.
> Ionization of air requires a certain threshold. Precipitation
> static can exist either below or that threshold or be the cause
> of the corona. Corona can exist in the absence of precipitation
> static. There are other kinds of static, e.g. propagating EM
> static from numerous sources.
> --
> 73, Cecil, w5dxp.com
>

Many declarative sentences, Cecil, but you're wrong, as usual.
When are you going to actually do some meaningful experiments to
find out whether you're right or not?
73,
Tom Donaly, KA6RUH

4233. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 04:11:09 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <x%1jh.307$cI.54@trnddc05>
Source record: 47757

"JIMMIE" <JIMMIEDEE123@YAHOO.COM> wrote in message
news:1166838834.614006.26080@i12g2000cwa.googlegroups.com...
>
> Dave wrote:
>> "art" <aunwin@insightbb.com> wrote in message
>> news:1166543181.269834.203030@f1g2000cwa.googlegroups.com...
>> > In the thread Rain static I referred to a closed surface which is
>> > clearly
>> > defined by Gauss's law.
>>
>> Gauss's law doesn't define a surface, the surface is any arbitrary
>> surface
>> surrounding a charge.
>>
>> >Let us now look at a time vary field applied to
>> >
>> > a dielectric. I fht efield is applied for the shortest of time the
>> > charges
>> > will stay on the surface. If time is longer than the shortest space of
>> > time
>>
>> you make it sound like there is some 'shortest' time where charges won't
>> move. this is not true. no matter how short you make the time it will
>> move
>> the charges.
>>
>> > then charges will openetrate the closed surface. If the surface is an
>> > insulator type then it takes a long while to penetrate but if the
>> > surface
>>
>> Here you mix up 'surface' and 'surface'. the gauss's law 'surface' is a
>> mathematically useful construction around a charge, it does not have any
>> charge 'on' it, nor is there any 'penetration' of it by charge in gauss's
>> law. it is strictly a non-material thing that is used only for
>> calculation
>> purposes.
>>
>> > is a good conductor then the charges will penetrate very quickly so
>> > we can associate the time constant of penetration to the subject of
>> > skin depth. If we are to associate the time varying field to a
>> > gaussian field
>>
>> you have yet to define a 'gaussian field'. gauss's law applies to
>> electric

>> fields and their relation to charges.
>>
>> > all the excess charges must be on the surface by law.
>>
>> only in a 'perfect' conductor. dielectrics and 'empty' space can have
>> distributed charges throughout.
>>
>> >Or in other words
>> > the time evolved must be shorter than the time required to begin
>> > penetration.
>>
>> huh? it just goes down hill from here. write some equations, do some
>> drawings, publish a manuscript. all the rest is empty handwaving based
>> on
>> incorrect assumptions and missing definitions.
>>
>> > Thus for a short space of time all charges are on the surface and the
>> > charges
>> > have a magnhe radiating eneetic and electric field vectors. Just having
>> > charges is not enough to convert to a gaussian field in that a gaussian
>> > field must be in equilibrium thus a cluster of elements
>> > must have the direction of the surface charges change in unison. For a
>> > cluster of elements to do this they must all be resonant such that the
>> > charges reach the ends of the elements at the same time. Resonance of
>> > an element is determined by its diameter and its length and because it
>> > is coupled to other elements in the cluster the coupling must be taken
>> > into account to secure resonance of not only the individual elements
>> > but of the cluster as a whole. When this is accomplished the charges on
>> > the surface of the closed volume are in equilibrium but onty for that
>> > shortest of short time and where that time is added to the gaussian
>> > formulae for the transition to be complete. For the Gaussian field or
>> > volume we can say the energy inside the gaussian field is equal to that
>> > supplied by flux to the outside of the border and remember the flux
>> > inside consists of magnetic and electric vectoirs. We now can say that
>> > in a moment of time the flux produced from each element that breaches
>> > the border in summation with the other elements is equal to the
>> > radiating field outside of the border when each element energy makes
>> > the transmittion. Thus the summation of each of the clustered elements
>> > individual energy when the vectors are given a value
>> > must equal the flux on the outside of the border that produces
>> > radiation. We also know that if we have a cluster of elements that are
>> > clustered together we can obtain radiation by just applying a time
>> > varing field to just one of the elements and by virtue of intercoupling
>> > all the radiating energy
>> > will leave the near field. Thus we have two different methods of
>> > determining the value of the radiated field
>> > ! radiation from the clustered within a Gaussian field and
>> > 2 radiation from an array of coupled elements
>> > Since the elements within the cluster are all of the same "Q'" the
>> > determination of all factors

>> > in the resulting equation are simplified to Ohms law and where the
>> > laborious coupling calculations
>> > are omitted. The above describes in first principles as to how a
>> > Gaussian field in a short space of time can be equated to a radiating
>> > cluster using existing laws of the masters which also embraces NEC
>> > code. Now many have said I have no understanding of radiation concepts
>> > so go ahead and tear this apart and have a merry Xmas doing it
>> > Art Unwin KB9MZ.....XG
>> >
>
> It appears Art has picked up some phrases haphazardly and is trying to
> apply them to antennas some how, If I remember correctly doesnt
> Gaussian field apply to statistical distribution. Been a long time
> since I had statistical analysis back in the early 70s but I think this
> is also refered to as a "normal distribution".

Hi Jimmy

By my standards, you are *Right On* on all you wrote. I'm pretty sure
Gaussian distribution of power across a radiating plane results
(theoretically) in zero side lobes, That is also a very poor distribution
when gain is a goal. I think the term Normal is synonymous with Gaussian
when referring to aperture distribution.

Jerry

4234. Re: IMD products from VSWR meters

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 04:33:04 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <4k2jh.1510$sp7.893@newsfe14.phx>
Source record: 47758

"Owen Duffy" <none@no.where> wrote in message
news:Xns98A1BD31D5CADnonenowhere@61.9.191.5...
>
> I see in the Wikipeadia entry for SWR meters the following:
>
> "When not actually measuring VSWR, it is best to remove the ordinary type
> of passive SWR meter from the line. This is because the internal diodes of
> such meters can generate harmonics when transmitting, and intermodulation
> products when receiving. Because active SWR meters do not usually suffer
> from this effect, they can normally be left in without causing such
> problems."

I dispute part of that. On receive, the diodes are not conducting, so they
won't generate IMI products. If they were a problem, then every receiver
front end in the world would be a worse problem.

4235. Question about 20-meter monoband vertical (kinda long - antenna gurus welcome)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 04:34:19 UTC
From: Zommbee <devarim@hotmail.com>
Message-ID: <LLCdnQlHxY7rLxHYnZ2dnUVZ_u2mnZ2d@comcast.com>
Source record: 47759

Hello all - I hope someone can help me figure this one out:

I just put up a 20 meter monoband today. Been working on it for
a week of nights, and got it in the air when I got off work today early.
I used the 234/f formula and cut it for around 14.100 mHz which
gave a length of 16 feet 7 inches. It was a a bear to hoist
up (my XYL helped me) - the base is only about 12 feet off the
ground (my only mounting option). I put up 4 identical-length
radials, 3 of which are quite close to 45 degrees, the 4th is is
only about 10 degrees down due to mounting issues. The coax
feed is about 40 feet (RG-58 - good quality). I wound a
4" form with 10 turns at the base of the antenna and another 10 turns
at the transmitter to try to keep the feed line 'out of the loop' (is this
wrong?)

I find it is REALLY broad - is this normal for a monoband? I
have only used trap verticals before. The SWR is 1.5:1 from
14.025 up to around 14.200 - very little change. It is actually
hitting resonance somewhere around 14.600 (using MFJ meter
when out of band). (See 'Problem' below)

Construction: Copper water pipe, 10' of which is 3/4" then 5' of
1/2" and finally a 1/4" section that is the 'tuning end'. For the radials,
I made a circle of 14-ga antenna wire around the 2x4 wood support
on brass hooks (one each side) that support the radials - diameter of the
radial 'circle'
is about 6" or so - not very large circle. Radials were cut exactly the
length of the antenna and are well insulated with ceramic eggs and poly
line, angles as stated above. Copper element is suported by 1.5"
ceramic stand-off insulators from the Oak + 2x4 treated wood support.

Problem: My TS-440s (AT) without the tuner only puts out
about 60 watts in CW and RTTY segments, and only hits
full power in the upper end of the SSB band UNLESS I use
the internal tuner - then I get a full power output in CW since
the transmitter is 'faked' into believing it is resonant. During my late
night (illegal 30 second) test, I get 110 watts at 14.600 with almost
no visible SWR - clearly the resonant frequency...

Questions:

Question 1: Are mono-band verticals always this broadbanded
or do I have something wrong? It does not seem to have much Q.
SWR only very slowly creeps up over the band... (I loaded at
power at 14.600 VERY FAST late at night - please don't give me

a ticket Mr. FCC! - and the SWR was almost unreadable it was
so low - the MFJ meter is right - that is my resonance point). My old
4BTV was 'sharp as a tack' in tuning... VERY high Q. Are mono-bands
less selective?

Question 2: Am I being overly concerned? I can use the Auto Tuner
in the TS-440 to make it happy without any problem... is this ok?

Question 3: I built this antenna to be good for my Oak Hills QRP rig -
I had hoped not to have a tuner in the loop - I use a Kenwood AT-180
when I'm not on the TS-440s - is the loss that significant? Again, am I
being
overly concerned, since the AT-180 very easily tunes out the difference?
Or should I tweak on this antenna until it is perfect for CW SWR?

Question 4: I understand the radials are a major part of the design - could
it
be that the 'formula' (234/f) was correct, but somehow my radials are a bit
off
and could make the difference without adjust the 16' 7" vertical length?

Question 5: Since I made the 'radial circle' about 6" diameter around the
base
of the antenna, but then connected the radials (cut exactly the length of
the
radiator, less the 'radial circle' of wire around the base, attached to the
brass
hooks used to support the radials) could this be de-tuning the antenna enuf
to
raise the frequency (seems it should LOWER in frequency if anything)?

If you 'wiser' hams advise, I'll certainly drop the antenna (after cutting
the radials
loose) and enlist my XYL to help again, and add a couple of inches of
copper to
the ends (and too the radials) and do it all agin... but it was not easy to
do in the
first place... (The antenna only weighs 25 pounds, but OMG lifting it up to
position
felt like it weighed 250 pounds!!)

How it performs: I found during on-the-air tests that SOME signals were
significantly
better over my 200' "random wire" and some were worse. Consensus was that
there
was almost no difference 'short haul' (coast to coast). Some signals are
not at all
audible on my 200' wire, but S7 on the vertical, for example... no DX today
so no
idea if the low angle is working or not...

But what about at QRP levels? With my AT-180 tuner? Just seems that I should hit
my ideal SWR in the 14.060 range - rather than 14.600 despite the broad-band performance.

What do you recommend I do at this point? I have the whole weekend to either play with the
new antenna or quit obsessing over it :-)

Thanks for replies and putting up with my long-winded posting. Please either post here
or at my email address of devarim@hotmail.com

many thanks,

Dave WB7AWK

4236. Re: Question about 20-meter monoband vertical (kinda long - antenna gurus welcome)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 05:05:40 UTC
From: nm5k@wt.net
Message-ID: <1166850340.338930.178880@42g2000cwt.googlegroups.com>
Source record: 47760

Zommbee wrote:

> What do you recommend I do at this point? I have the whole weekend to
> either play with the
> new antenna or quit obsessing over it :-)

Sounds fine to me.. A monoband on 20m will seem fairly broadbanded.
Ground losses can add to this, but you are stuck at your height, so
it's
not worth worrying about. All you could do as far as that is add more
radials.
You are almost a 1/4 wave up, so things could be worse I guess..
As far as the match, 1:5.1 is fine as long as your radio is happy with
it.
That's the only thing that matters. Trimming the antenna will not help
performance unless the radio requires it to put out full power. If you
are
putting out full power, "most rigs should at only 1:5.1", thats good
enough.
If not, you might want to consider tweaking the lengths a bit. Most
likely
you could just add an inch or two to the radials only, if you wanted to

avoid pulling it all down. That should be enough to dial it in. You
won't
lose too much using a tuner, but if you are running QRP, I'd avoid it.
There is no real need to use a tuner with that antenna. I never use a
tuner
if I don't need it.. Which is about 98% of the time.. I have a big
tuner,
but the only thing that really sees any use is the wattmeter that's in
it. :/
MK

4237. Re: Simple FM Antenna, C. Crane, Radio Your Way (Pogo) and Radio Shark (RS)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 05:06:35 UTC
From: "W. Watson" <wolf_tracks@invalid.com>
Message-ID: <vP2jh.27243$Ga1.11451@newssvr12.news.prodigy.net>
Source record: 47761

W. Watson wrote:

> I had an occasion to talk with C. Crane today, and got onto the topic of
> an FM Antenna for small digital radios. I have the two mentioned in the
> Subject line. The agent menioned using just a sinple 5' wire for this
> purpose.
>
> I've not had good luck getting FM reception with RS, and have tried a
> simple dipole without much luck. I live in the Sierra Foothills at
> 2700', and the trouble is with stations in the Sacramento area (60 mi)
> and Chico (75 mi). It occurred to me the simple 5' single wire antenna
> provided with Pogo has been very effective in improving FM reception, so
> I put it on RS. Practially no difference with or without it. What's up
> with that?
>
> Note that RS looks like shark fin, and has a built in FM and AM antenna,
> and a jack to plug in an external FM antenna. The RS is plugged into a
> USB port and it is very much like Tivo but for radio.
A simple way of stating what I'm after is why does a simple 5' wire work
better on one FM radio than another, when both radios are used from the same
spot? In fact, why does a simple 5' wire work almost as well as a folded dipole?

Wayne T. Watson (Watson Adventures, Prop., Nevada City, CA)
(121.015 Deg. W, 39.262 Deg. N) GMT-8 hr std. time)
Obz Site: 39ï¿½ 15' 7" N, 121ï¿½ 2' 32" W, 2700 feet

"It is better to be ï¿½approximately rightï¿½ rather than
ï¿½exactly wrong." -- John Tukey, Statistican
--
Web Page: <home.earthlink.net/~mtnviews>

4238. Re: Simple FM Antenna, C. Crane, Radio Your Way (Pogo) and Radio Shark (RS)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 05:08:42 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <vR2jh.1994$jU.1723@newsfe10.phx>
Source record: 47762

"W. Watson" <wolf_tracks@invalid.com> wrote in message
news:8Syih.35833$wP1.4846@newssvr14.news.prodigy.net...
> I had an occasion to talk with C. Crane today, and got onto the topic of
an
> FM Antenna for small digital radios. I have the two mentioned in the
Subject
> line. The agent menioned using just a sinple 5' wire for this purpose.
>
> I've not had good luck getting FM reception with RS, and have tried a
simple
> dipole without much luck. I live in the Sierra Foothills at 2700', and the
> trouble is with stations in the Sacramento area (60 mi) and Chico (75 mi).
> It occurred to me the simple 5' single wire antenna provided with Pogo has
> been very effective in improving FM reception, so I put it on RS.
Practially
> no difference with or without it. What's up with that?
>
> Note that RS looks like shark fin, and has a built in FM and AM antenna,
and
> a jack to plug in an external FM antenna. The RS is plugged into a USB
port
> and it is very much like Tivo but for radio.

FM signals have a wavelength around 3 meters, so a quarter wave whip antenna would be in the range of 75 cm long. Not fitting that into the fin, are we? A built-in is a bad-deal compromise for FM.

How was your "simple dipole" connected to the RS? With two wires, perhaps one to the FM antenna terminal and the other to common on the radio? You don't say whether the jack was a coaxial jack or just a single-conductor pin jack.

Not every antenna needs to be connected with two wires to work, but it's true for the ones that work the best on FM broadcast. They're either coax or twinlead -- two conductors either way. If EXT FM ANT is just a pin jack, I'd get to the common electrically by soldering a wire to the negative battery terminal and running it out of the case to connect to one of the antenna leads. A cap in that lead will isolate any DC path off the antenna jack.

A folded dipole is common antenna for FM -- easy to build, easy to hang on the wall or tape on a stick for elevating outside a window. First ones I ever saw were on my high school A/V Dept televisions. Cut for Channel 13, the local educational station, and taped to a stick. Worked.

4239. Re: Question about 20-meter monoband vertical (kinda long - antenna gurus welcome)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 06:11:58 UTC
From: Owen Duffy <none@no.where>
Message-ID: <Xns98A2AD337465Cnonenowhere@61.9.191.5>
Source record: 47763

"Zommbee" <devarim@hotmail.com> wrote in
news:LLCdnQIHxY7rLxHYnZ2dnUVZ_u2mnZ2d@comcast.com:

> Hello all - I hope someone can help me figure this one out:
...

Dave,

I guess that you are hoping that with radials sloped down at 45 deg, you should approach a 50 ohm feedpoint at resonance.

My experience is that sloping the radials tunes them high, in other words, they need to be a little longer than were they are 90 deg to the vertical element. Try clipping a short length of wire (say a couple of feet) to the ends of the radial, just hanging down, and see what it does to the feedpoint impedance. You can slide them away from the end to lessen the effect. The outcome might just give you a hint of what needs to be done. Remember, measure twice, cut once!

Re the tuner loss, they should be very low for the VSWR you have discussed. Nevertheless, if you planned to have an antenna that shouldn't need a tuner, I can understand why you might want to pursue the reasons why or why not. It is an excuse for learning or frustration, depending on your point of view.

As a matter of principle, I avoid using tuners like the '440's, they are the achilles heel of those radios when the relays become unreliable.

BTW, one of the techniques for obtaining a match to 50 ohm feedline from a groundplane antenna is to tune it a little high, and shunt the feedpoint with an inductor or s/c stub. I drafted some notes on the topic at http://www.vk1od.net/QWVmatch/QWVmatch.htm . This is probably not the answer to your problem, since your 45 deg radials should lift the feedpoint Z close enough to 50 ohms and closer than VSWR=1.5 that you are observing right now.

Owen

4240. Re: IMD products from VSWR meters

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 08:32:55 UTC
From: Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk>
Message-ID: <nNE5UKG3mOjFFwS3@g3ohx.demon.co.uk>
Source record: 47764

In message <1166839436.296841.204150@f1g2000cwa.googlegroups.com>,
nm5k@wt.net writes
>
>Antonio Vernucci wrote:
>> Because active SWR meters do not usually suffer
>> from this effect, they can normally be left in without causing such
>> problems
>>
>> Can anyone clearly explain what is an "active" SWR meter? I would
>>presume that
>> the line is decopled from the diode by means of an amplifier. Is that
>>what they
>> mean?
>>
>> 73
>>
>> Tony I0JX
>
>In this neck of the woods "active" usually means the meter has
>peak reading circuitry that requires power to operate. In general,
>as far as ordinary peak reading meters, this is the most accurate
>type as far as trying to read voice peaks. The better ones use
>fast acting LED's as the meter.
>A "passive" meter is one that uses capacitors to give the meter
>a "hang time" to sort of read peaks. But it's not as accurate, and
>almost always reads low. "20-25% worth" for the average meter.
>The cross needle meter in my MFJ-989C is an example of a
>passive meter circuit. I call it "psuedo peak reading". :/
>I also built a passive circuit into my old green cube heathkit
>meter. It has a switch on the back to switch the caps in or out.
>Naturally, the passive meters require no power to operate.
>MK
>

Driving the diode with a wideband RF amplifier would have the following
advantages:
(a) allow a lower level of RF sample to be used (higher tap-off ratio).
(b) further minimise the possibility of diode distortion products from
getting back into the RF through-signal.
(c) drive the diode at a higher level, thus improving the RF-in to
DC-out linearity.
Do any SWR meters do this?
Ian.
--

4241. Re: SWL - Random Wire - What Lightning Protection???

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 10:38:06 UTC
From: ml <m@di.net>
Message-ID: <m-DA2EB5.05381523122006@news.verizon.net>
Source record: 47765

In article <1166827337.878480.170780@a3g2000cwd.googlegroups.com>,
amyotte@personainternet.com wrote:

> What Lightning Protection product should be used with a Random Wire
> setup.
>
> Looking at the Zap Trapper.
> I do realized that a direct hit will not save anything though.
>
> Brian

check www.arraysolutions.com and iceradio products from their link
d

might help

4242. Re: Hemispheric coverage CP antennas

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 11:14:53 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12oq3tjptg3jbff@corp.supernews.com>
Source record: 47766

This sounds very much like the requirement faced by GPS receivers, so you might also try some forums dealing with that technology. To my knowledge, patch and quadrifilar helix antennas seem to be the most commonly used.

Roy Lewallen, W7EL

Jerry Martes wrote:
> I have become interested in trying to develop antennas for hemispheric
> coverage for circularly polarized signals. My interest in related to 137
> MHz weather satellites, but not restricted to that frequency.
> I have one concept for receiving NOAA satellite signals that is slightly
> better than with a Quad Helix.
>
> My reason for this post is to try to communicate with anyone with interest
> in this antenna development as a hobby. That is - I'd like to be able to
> exchange ideas with another amateur antenna hobbyist.
>
> Jerry
>
>

4243. Re: IMD products from VSWR meters

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 11:28:49 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <458d12f3$0$19094$4fafbaef@reader4.news.tin.it>
Source record: 47767

> In this neck of the woods "active" usually means the meter has
> peak reading circuitry that requires power to operate. In general,
> as far as ordinary peak reading meters, this is the most accurate
> type as far as trying to read voice peaks. The better ones use
> fast acting LED's as the meter.

If by "active" one just means that the meter requires power, then I would see little difference between an active and a passive circuit as far as intermodulation is concerned.

As a matter of fact if, in an "active" meter, the amplifier (or the active display) follows the diodes, there would be no difference at all (as to intermodulation) with respect to a passive meter.

If the amplifier is instead put before the diodes, the intermodulation products generated by the diodes (if any) can get coupled to the line.

In summary the distinction is between a circuit in which the diodes are directly coupled to the line and a circuit in which there is an isolating stage between the line and the diodes. And not between a passive and an active circuit.

73

Tony I0JX

4244. Re: IMD products from VSWR meters

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 13:38:33 UTC
From: Ian Jackson <IanJacksonRemoveThisBit@g3ohx.demon.co.uk>
Message-ID: <xPrkBZFTjFFwiB@g3ohx.demon.co.uk>
Source record: 47768

In message <458d12f3$0$19094$4fafbaef@reader4.news.tin.it>, Antonio Vernucci <vernucci@tin.it> writes
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>> peak reading circuitry that requires power to operate. In general,
>> as far as ordinary peak reading meters, this is the most accurate
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>As a matter of fact if, in an "active" meter, the amplifier (or the
>active display) follows the diodes, there would be no difference at all
>(as to intermodulation) with respect to a passive meter.
>
>If the amplifier is instead put before the diodes, the intermodulation
>products generated by the diodes (if any) can get coupled to the line.
>
>In summary the distinction is between a circuit in which the diodes are
>directly coupled to the line and a circuit in which there is an
>isolating stage between the line and the diodes. And not between a
>passive and an active circuit.
>
>73
>
>Tony I0JX
>
>

The belief that SWR meters produce harmful harmonics probably dates from the 1950s, when TV coverage was low, and many viewers had to drag in weak signals from a considerable distance. I'm in the UK, and the signal level on UK Channel 5 (around 65MHz) was only about 30 microvolts. Oh yes, the picture was snowy!

Obviously, the 2nd and 3rd harmonics from transmitters operating on the higher HF bands could easily wipe out TV reception, especially lowband (our 'Band 1').

As well as using the usual 30MHz lowpass filter, some amateurs went to considerable lengths to suppress harmonics emanating from the transmitter itself (with particular attention to the screening and bonding of the metalwork, and the filtering of all leads (mic, key, power). Without this, there was little point in even thinking of fitting

a highpass filter etc to the TV set.

I believe there were one or two cases where the final vestiges of interference were traced to harmonics being generated in the SWR meter. This was cured by ensuring that the line-up between the transmitter and the antenna was TX - SWR Meter - LPF - ATU (if used) - Antenna. Doing it this way ensured that any harmonics from the meter were removed in the LPF and (to some degree) the ATU.

The line-up above is the one which I always recommend should be used if possible. Generally, there is no reason not to. It is good engineering practice. But as to whether it is always essential? I suspect that often it is not.

Ian.
--

4245. the bends

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 14:04:35 UTC
From: ml <m@di.net>
Message-ID: <m-84AF28.09044823122006@news.verizon.net>
Source record: 47769

hi

just wondering how much and how to calculate the loss in some common coax for ex lmr400 over a given bend

naturally i mean not to exceed it's bend radius spec

but i figure electrons want to stay in motion and 'prefer' to go straight so if i make a bend some of that energy i recon will be lost

a 90 degree bend is within spec for the above and i wonder how much i loose

i know some of my variables lmr400 90bend and for ex 20m and 70cm

thanks

4246. To W2DU

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 14:05:26 UTC
From: jawod <jawod@fuse.net>
Message-ID: <36ee$458d3873$4831cf4b$6385@FUSE.NET>
Source record: 47770

Walter, I know you peruse the discourse in this NG from time to time.

Very nice article you wrote in QST about FCC, Adcock antennas and WWII.
An enjoyable read. Thanks.

And to you and Richard, Owen, Cecil, Roy, Yuri, Chuck and anyone else
I've talked to (or merely read) here:

a Very Merry Christmas! (in any form you wish to take it)

John
AB8O

4247. Re: the bends

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 14:53:53 UTC
From: Dave <noone@nowhere.com>
Message-ID: <P7GdnSXGiaEP3xDYnZ2dnUVZ_rWnnZ2d@crocker.com>
Source record: 47771

the only effect you will notice is if the bend is tight enough to move the conductors enough to change the characteristic impedance. electrons are moving so slowly compared to the fields that their individual energy is not affected by physical conditions of the coax in any way that you or I will ever measure.

"ml" <m@di.net> wrote in message
news:m-84AF28.09044823122006@news.verizon.net...
> hi
>
>
> just wondering how much and how to calculate the loss in some common
> coax for ex lmr400 over a given bend
>
> naturally i mean not to exceed it's bend radius spec
>
> but i figure electrons want to stay in motion and 'prefer' to go
> straight so if i make a bend some of that energy i recon will be lost
>
>
> a 90 degree bend is within spec for the above and i wonder how much i
> loose
>
> i know some of my variables lmr400 90bend and for ex 20m and 70cm
>
>
>
> thanks

4248. Re: the bends

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 14:57:26 UTC
From: Dave <noone@nowhere.com>
Message-ID: <N6ydnZAzU6DD3hDYnZ2dnUVZ_uyknZ2d@crocker.com>
Source record: 47772

oh, and don't forget.. individual electrons are oscillating back and forth
at the frequency of the rf, they aren't moving in one direction very far
before they reverse direction anyway.

"Dave" <noone@nowhere.com> wrote in message
news:P7GdnSXGiaEP3xDYnZ2dnUVZ_rWnnZ2d@crocker.com...
> the only effect you will notice is if the bend is tight enough to move the
> conductors enough to change the characteristic impedance. electrons are
> moving so slowly compared to the fields that their individual energy is
> not affected by physical conditions of the coax in any way that you or I
> will ever measure.
>
> "ml" <m@di.net> wrote in message
> news:m-84AF28.09044823122006@news.verizon.net...
>> hi
>>
>>
>> just wondering how much and how to calculate the loss in some common
>> coax for ex lmr400 over a given bend
>>
>> naturally i mean not to exceed it's bend radius spec
>>
>> but i figure electrons want to stay in motion and 'prefer' to go
>> straight so if i make a bend some of that energy i recon will be lost
>>
>>
>> a 90 degree bend is within spec for the above and i wonder how much i
>> loose
>>
>> i know some of my variables lmr400 90bend and for ex 20m and 70cm
>>
>>
>>
>> thanks
>
>

4249. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 15:02:20 UTC
From: chuck <nospam@nospam.org>
Message-ID: <1166886217_17359@sp6iad.superfeed.net>
Source record: 47773

Tom Donaly wrote:

>
> Hi Chuck,
> Read "Meteorological Aspects of Precipitation Static" By
> Lieutenant Robert C, Edwards, U.S.N.R., and Captain George W. Brock,
> U.S.A.A.F. from the Journal of Meteorology, Vol. 1, Number 4,
> December, 1945. If you Google "Precipitation Static" you can
> find a pdf file of it. They actually went up in three different
> airplanes, an RB-37, a B-25D, and a B-17G and did some measurements.
> You might be interested in their methods and conclusions.
> 73,
> Tom Donaly, KA6RUH

Hi Tom,

Thanks for the reference. Quite an interesting article.

My one problem with it after a quick reading is their autogenous/exogenous electrification dichotomy. More particularly, their notion of exogenous electrification, which " . . . occurs when an aircraft flies through electric fields previously established by a charge separation in the free atmosphere."

Not sure it is important to the physics exactly how the electric field was established, but taking the airplane to be an isolated conductor in an electric field, I wonder how "electrification" can take place.

Perhaps 60 years ago we used different terminology, but electrification usually refers to contact charge separation. Since there is no assumed contact with charged particles in the exogenous electrification mode, electrification may be a misnomer today. As I suggested in an earlier post, all an electric field can do to an isolated conductor is redistribute the charges preexisting on the conductor. Of course if the redistribution of charges leads to coronal discharges favoring either the positive or negative "end" of the plane, then the plane could acquire a non-zero net charge (i.e., be electrified). The authors don't give a hint that this is what was envisioned, though.

I'd appreciate comments on whether such a thing as "exogenous electrification" as described by the authors makes sense to anyone else.

73.

Chuck
NT3G

-----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

4250. Re: Question about 20-meter monoband vertical (kinda long - antenna gurus welcome)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 16:35:15 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <j8mqo2tnlst9ttl5uqp8p3s49hmuf0bjo7@4ax.com>
Source record: 47774

Your bandwidth is correct for a 20 meter ground plane. At 14 MHz, covering the entire band is not a problem.

To drop the resonant frequency down to what you want, you have three choices:

1. Add length to the vertical section.

2. Add length to all the radials equally.

3. Insert a small coil in series with the base of the vertical section. Start with about one turn, one inch in diameter.

Since you say this thing is hard to get up and down, I would recommend either 2 or 3. Either one will do, but my personal preference is for the coil *IF* you can insert it in series easily. If not, go for the radials.

It's good that you have the SWR analyzer. It will save a lot of hair pulling.

GL!

73, Bill W6WRT

4251. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 17:13:36 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <pqoqo2pv3mpf815dqk3grjl0nivjr484b9@4ax.com>
Source record: 47775

On Sat, 23 Dec 2006 03:38:18 GMT, "Tom Donaly"
<dtdonaly@sbcglobal.net> wrote:

>Cecil Moore wrote:
>>propagating EM static
>> --
>you're wrong, as usual.

Hi Tom,

But always entertaining if you haven't heard the joke before [rare].

73's
Richard Clark, KB7QHC

4252. distortion of the antenna pattern

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 17:43:54 UTC
From: Rohit <rksindhu@gmail.com>
Message-ID: <1166895834.170679.15030@h40g2000cwb.googlegroups.com>
Source record: 47626

i m studying the distortion of the antenna pattern located near any
conductor. i want to know how do i interpret the patterns obtained. i
know the ideal pattern of the antenna but when i place them near any
conductor, can the pattern distortion be studied by knowing the surface
currents in the object due to the antenna? how the E field and H field
behaviour changes as it travels from free space to any finite conductor
plate?
i m very new to antennas so i need answer in detail to understand.
thanks
rohit

4253. Re: Question about 20-meter monoband vertical (kinda long - antenna gurus welcome)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 17:50:45 UTC
From: Bob Miller <NOSPAM@neosoft.com>
Message-ID: <uqqqo29p88nl3vhu9frn3t5smq9ca9mo8v@4ax.com>
Source record: 47627

On Fri, 22 Dec 2006 20:34:19 -0800, "Zommbee" <devarim@hotmail.com>
wrote:

... excerpted...

What I'd do, is alligator-clip small lengths of wire to the tip end of
each radial to see if lengthening them just so does what you want.

On an L-wire I had up recently, I tuned it by rolling and unrolling
the tip-end of the single counterpoise.

bob
k5qwg
>

4254. Re: distortion of the antenna pattern

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 17:54:54 UTC
From: Dave <noone@nowhere.com>
Message-ID: <V6GdnZewmuhy8RDYnZ2dnUVZ_sKunZ2d@crocker.com>
Source record: 47628

the current in the object is at least part of the story. if the object is close enough to the antenna it can also change the currents in the antenna itself and distort the pattern.

"Rohit" <rksindhu@gmail.com> wrote in message news:1166895834.170679.15030@h40g2000cwb.googlegroups.com...
>i m studying the distortion of the antenna pattern located near any
> conductor. i want to know how do i interpret the patterns obtained. i
> know the ideal pattern of the antenna but when i place them near any
> conductor, can the pattern distortion be studied by knowing the surface
> currents in the object due to the antenna? how the E field and H field
> behaviour changes as it travels from free space to any finite conductor
> plate?
> i m very new to antennas so i need answer in detail to understand.
> thanks
> rohit
>

4255. Re: Hemispheric coverage CP antennas

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 17:58:09 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <R6ejh.1085$4e.283@trnddc04>
Source record: 47629

Hi Roy

I have tried to locate someone in the commercial level of antenna development to "show off" what I have uncovered with this hemispheric coverage antenna concept. I have no interest in making money with this concept. But, I am proud to have developed it.

It would wrong for me to say that this concept is any better than a Quad Helix for anything except NOAA satellite imaging. Its main superiority is its sensitivity to signals at the horizon, and thats no more than 6 dB. A major benefit associated with this design concept is it's being non critical to manufacturing tolerances. So, I thought it would be interesting to guys who build their own APT antennas.

The concept is -- an array of two pairs of 1/2 wave dipoles spaced about 1/4 wave apart and tilted slightly from vertical. One pair is fed in phase with each other. The other pair is also fed in phase with each other, but 90 degrees later than the other pair.

Jerry

"Roy Lewallen" <w7el@eznec.com> wrote in message
news:12oq3tjptg3jbff@corp.supernews.com...
> This sounds very much like the requirement faced by GPS receivers, so you
> might also try some forums dealing with that technology. To my knowledge,
> patch and quadrifilar helix antennas seem to be the most commonly used.
>
> Roy Lewallen, W7EL
>
> Jerry Martes wrote:
>> I have become interested in trying to develop antennas for hemispheric
>> coverage for circularly polarized signals. My interest in related to 137
>> MHz weather satellites, but not restricted to that frequency.
>> I have one concept for receiving NOAA satellite signals that is
>> slightly better than with a Quad Helix.
>>
>> My reason for this post is to try to communicate with anyone with
>> interest in this antenna development as a hobby. That is - I'd like to
>> be able to exchange ideas with another amateur antenna hobbyist.
>>
>> Jerry

4256. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 18:06:49 UTC
From: Cecil Moore <w5dxp@hotmail.com>
Message-ID: <1166897209.139334.161470@73g2000cwn.googlegroups.com>
Source record: 47630

Tom Donaly wrote:
> Many declarative sentences, Cecil, but you're wrong, as usual.
> When are you going to actually do some meaningful experiments to
> find out whether you're right or not?

Where are your experiments that prove you right and me
wrong? Where are your references for such?

All the experimentation has already been done by others,
Tom, and pretty well documented in publications available
on the web including a host of governmental and university
publications so I would be wasting my time. It is possible
that I misunderstood something but impossible that there
has not been enough experimentation. Wishing that all static
is caused by ionization of the air is just a pipe dream. There
would probably never be enough precipitation static on a
well-designed folded dipole to result in ionization of the air
but certainly enough to hear in a receiver.
--
73, Cecil, w5dxp.com

4257. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 18:07:50 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <f6qqo25iaisfoo5hkf54psmkl1qj7ep5gm@4ax.com>
Source record: 47631

On Sat, 23 Dec 2006 10:02:20 -0500, chuck <nospam@nospam.org> wrote:

>Since there is no assumed
>contact with charged particles in the exogenous electrification mode,
>electrification may be a misnomer today. As I suggested in an earlier
>post, all an electric field can do to an isolated conductor is
>redistribute the charges preexisting on the conductor. Of course if the
>redistribution of charges leads to coronal discharges favoring either
>the positive or negative "end" of the plane, then the plane could
>acquire a non-zero net charge (i.e., be electrified). The authors don't
>give a hint that this is what was envisioned, though.

Hi Chuck,

The author wasn't particularly interested in the electrification as he was the conduction and subsequent discharge. In actuality, what is described as exogenous electrification is no different from autogenous. The air currents described simply convect smaller particles as has been described in subsequent years in other aviation material starting with "Atmospheric Electricity," Chalmers, J.A. - 1967; or earlier with "The Fair Weather Atmospheric Electric Potential and its Gradient," Clark, J.F. 1958.

Normal convection builds up a charge stratification on the order of 190 V/m at ground level, but declines to half that a mile up. At that same mile altitude (above ground level) charge density increases 1000%.

Needless to say, aircraft at different altitudes in identical, clement weather are subject to vastly different fields.

73's
Richard Clark, KB7QHC

4258. Re: To W2DU

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 18:08:34 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <h4sqo2540coeqd02ijgjbm42no941vteif@4ax.com>
Source record: 47632

On Sat, 23 Dec 2006 09:05:26 -0500, jawod <jawod@fuse.net> wrote:

>Walter, I know you peruse the discourse in this NG from time to time.
>
>Very nice article you wrote in QST about FCC, Adcock antennas and WWII.
> An enjoyable read. Thanks.
>
>And to you and Richard, Owen, Cecil, Roy, Yuri, Chuck and anyone else
>I've talked to (or merely read) here:
>
>a Very Merry Christmas! (in any form you wish to take it)
>
>John
>AB8O

Merry Christmas, John.

73's
Richard Clark, KB7QHC

4259. Re: distortion of the antenna pattern

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 18:21:43 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <misqo2p52fcvho51n2j61svfvrpruh6n83@4ax.com>
Source record: 47633

On 23 Dec 2006 09:43:54 -0800, "Rohit" <rksindhu@gmail.com> wrote:

>i m studying the distortion of the antenna pattern located near any
>conductor. i want to know how do i interpret the patterns obtained. i
>know the ideal pattern of the antenna but when i place them near any
>conductor, can the pattern distortion be studied by knowing the surface
>currents in the object due to the antenna? how the E field and H field
>behaviour changes as it travels from free space to any finite conductor
>plate?
>i m very new to antennas so i need answer in detail to understand.
>thanks
>rohit

Hi Rohit,

An answer in detail is much too lengthy to present in one response.
The first consideration is the current amplitude and phase in the
antenna, the second consideration is the amplitude and phase in that
nearby conductor, and its distance to the antenna - the physical
distance is actually a third phase consideration.

The pattern is a combination of all amplitudes and phases as viewed
from an extreme (more than 100 wavelengths) distance.

73's
Richard Clark, KB7QHC

4260. Re: the bends

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 18:49:47 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <b8uqo25i4epbhjeun8ru98ga5l1793kc86@4ax.com>
Source record: 47634

On Sat, 23 Dec 2006 14:04:35 GMT, ml <m@di.net> wrote:

>but i figure electrons want to stay in motion and 'prefer' to go
>straight so if i make a bend some of that energy i recon will be lost

Hi Myles,

Any particular electron is not going very far, or very fast in that direction. In fact, if you wanted to attach a message to an electron, you could deliver the message faster by walking (much faster). Technically, this focus on the electron falls into the topic of Drift Velocity which in wire is literally as slow as molasses. Rather, it is the speed of charge transfer that does the work we are familiar with and with work, work lost to heat which returns us to your concern of bend radius.

73's
Richard Clark, KB7QHC

4261. Re: To W2DU

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 19:07:20 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <O7fjh.1951$Bf.1376@newsfe12.lga>
Source record: 47635

Thanks and Merry Christmas to all Antenna Aficionados and hard boiled Hams!
May the God bless us with more antenna wisdom and dBs!

73 Yuri, K3BU

"Richard Clark" <kb7qhc@comcast.net> wrote in message
news:h4sqo2540coeqd02ijgjbm42no941vteif@4ax.com...
> On Sat, 23 Dec 2006 09:05:26 -0500, jawod <jawod@fuse.net> wrote:
>
>>Walter, I know you peruse the discourse in this NG from time to time.
>>
>>Very nice article you wrote in QST about FCC, Adcock antennas and WWII.
>> An enjoyable read. Thanks.
>>
>>And to you and Richard, Owen, Cecil, Roy, Yuri, Chuck and anyone else
>>I've talked to (or merely read) here:
>>
>>a Very Merry Christmas! (in any form you wish to take it)
>>
>>John
>>AB8O
>
> Merry Christmas, John.
>
> 73's
> Richard Clark, KB7QHC

4262. Re: distortion of the antenna pattern

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 19:08:58 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <l9fjh.1952$Bf.848@newsfe12.lga>
Source record: 47636

Try modeling the various configuration in programs like EZNEC etc. and see
the current distributions and resultant antenna patterns.

Yuri, K3BU

"Rohit" <rksindhu@gmail.com> wrote in message
news:1166895834.170679.15030@h40g2000cwb.googlegroups.com...
>i m studying the distortion of the antenna pattern located near any
> conductor. i want to know how do i interpret the patterns obtained. i
> know the ideal pattern of the antenna but when i place them near any
> conductor, can the pattern distortion be studied by knowing the surface
> currents in the object due to the antenna? how the E field and H field
> behaviour changes as it travels from free space to any finite conductor
> plate?
> i m very new to antennas so i need answer in detail to understand.
> thanks
> rohit
>

4263. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 19:45:54 UTC
From: chuck <nospam@nospam.org>
Message-ID: <1166903228_18137@sp6iad.superfeed.net>
Source record: 47637

Richard Clark wrote:

>
> Hi Chuck,
>
> The author wasn't particularly interested in the electrification as he
> was the conduction and subsequent discharge. In actuality, what is
> described as exogenous electrification is no different from
> autogenous. The air currents described simply convect smaller
> particles as has been described in subsequent years in other aviation
> material starting with "Atmospheric Electricity," Chalmers, J.A. -
> 1967; or earlier with "The Fair Weather Atmospheric Electric Potential
> and its Gradient," Clark, J.F. 1958.
>
> Normal convection builds up a charge stratification on the order of
> 190 V/m at ground level, but declines to half that a mile up. At that
> same mile altitude (above ground level) charge density increases
> 1000%.
>
> Needless to say, aircraft at different altitudes in identical, clement
> weather are subject to vastly different fields.
>
> 73's
> Richard Clark, KB7QHC

Hi Richard,

Thanks for the second opinion and additional information. I agree with
your interpretation.

73,

Chuck

-----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

4264. Re: IMD products from VSWR meters

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 20:10:16 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1166904616.798891.86680@a3g2000cwd.googlegroups.com>
Source record: 47638

Well, the FT-857D comes in at -21dB according to ARRL lab tests.

A FT-1000MP is only 6dB better at -27dB.

An IC-746 is -23dB, as is an IC-756 (non pro, pro is -31dB)

An IC-703 is -24dB

The absolute best I can find in the ARRL comparison charts is the
TS-950SD which comes in at -42dB

So we don't need to worry about SWR meters that can, at most, cause -40
or -50dB IMD products.

Dan

4265. Re: IMD products from VSWR meters

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 20:12:28 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1166904747.984545.287000@42g2000cwt.googlegroups.com>
Source record: 47639

ARRL members can look at:

http://www.arrl.org/members-only/prodrev/pr-sum/pr-sum.pdf

4266. UPDATE: Question about 20-meter monoband vertical (kinda long - antenna gurus welcome)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 21:58:32 UTC
From: Zommbee <devarim@hotmail.com>
Message-ID: <jNednU0oCJcUOxDYnZ2dnUVZ_qK3nZ2d@comcast.com>
Source record: 47640

> I just put up a 20 meter monoband today. Been working on it for
> a week of nights, and got it in the air when I got off work today early.
> I used the 234/f formula and cut it for around 14.100 mHz which
> gave a length of 16 feet 7 inches. [snip]

Thanks for all the replies. I added about a foot to all 4 radials and now the antenna has an unreadable SWR (1.0+something small) from 14.005 to 14.200, where it barely starts to wiggle the needle! I had no idea a mono-band vertical was SO BROAD! Now most medium distance stations (1500 - 2500 miles and up) are easily 2 S-units above my 200' wire. Seems to be working quite well!

Thanks for all the assitance

Dave WB7AWK

4267. steve does this sort of thing for his vaction

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 22:15:10 UTC
From: Mark@kb9rqz.aprs
Message-ID: <qiaro2lf40214psooktam2vmi5g8sqsq31@4ax.com>
Source record: 47641
Cross-posted to: rec.radio.amateur.policy,rec.radio.shortwave,alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna

On Sat, 23 Dec 2006 15:57:17 -0500, "Mark@kb9rqz.aspr"
<Mark@kp9rqz.asr> wrote:

>
>I do make earth moon earth bluouce on my radois
steve does this sort of thing for his vaction
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4268. Proximity effect of 2 different vertical antennas

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-23 22:59:32 UTC
From: Zommbee <devarim@hotmail.com>
Message-ID: <E-CdnddZ15xPKRDYnZ2dnUVZ_ue3nZ2d@comcast.com>
Source record: 47642

Hello again,

How close to my 20-meter mono-band vertical could
I put a 15-meter version of the same? I have a great
spot that's only about 10 feet away - will there be
negative interactions of the two? (Of course, it would
be nice if the sun had a few more spots!)

Thanks

Dave WB7AWK

4269. Re: distortion of the antenna pattern

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-24 00:17:02 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12orho4sq241h5a@corp.supernews.com>
Source record: 47644

The phenomenon is known as "mutual coupling". The field from the antenna induces a current in the conductor. That current produces a field which does two things: it vectorally adds to the field from the antenna, which alters the overall field; and it in turn induces a current into the antenna conductors, which alter the field from the antenna.

A quantitative study of this phenomenon is complex and requires solution of Maxwell's equations as well as fundamental equations for radiation. The latter can't be solved at all in closed form, and the former can be far from trivial if the geometry isn't extremely simple. Many approximations have been developed over the years, but they can be applied only to a few simple geometrical configurations. You won't have any trouble finding an abundance of information in any antenna textbook or in papers of various publications like the IRE/IEEE Proceedings.

But with a home computer, you can now get very accurate solutions to even very complex geometries in seconds. They'll tell you not only the overall pattern, but the currents on each part of each conductor. As the author and seller of EZNEC, I recommend that you download the free demo version of that program from http://eznec.com. There are, however, a number of other readily available programs which all give essentially the same information with equal accuracy.

Roy Lewallen, W7EL

Rohit wrote:
> i m studying the distortion of the antenna pattern located near any
> conductor. i want to know how do i interpret the patterns obtained. i
> know the ideal pattern of the antenna but when i place them near any
> conductor, can the pattern distortion be studied by knowing the surface
> currents in the object due to the antenna? how the E field and H field
> behaviour changes as it travels from free space to any finite conductor
> plate?
> i m very new to antennas so i need answer in detail to understand.
> thanks
> rohit
>

4270. Re: Proximity effect of 2 different vertical antennas

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-24 00:17:14 UTC
From: Owen Duffy <none@no.where>
Message-ID: <Xns98A3710E5D692nonenowhere@61.9.191.5>
Source record: 47643

"Zommbee" <devarim@hotmail.com> wrote in news:E-CdnddZ15xPKRDYnZ2dnUVZ_ue3nZ2d@comcast.com:

> Hello again,
>
> How close to my 20-meter mono-band vertical could
> I put a 15-meter version of the same? I have a great
> spot that's only about 10 feet away - will there be
> negative interactions of the two? (Of course, it would
> be nice if the sun had a few more spots!)
>

Isn't that more like one antenna with two feedpoints. The 15m qw vertical at 3m distance from the 20m antenna is just within the radian sphere, so inside the near induction feild zone.

Owen

4271. Re: Proximity effect of 2 different vertical antennas

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-24 00:18:31 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12orhquj7r1dlb6@corp.supernews.com>
Source record: 47645

It depends.

This is an ideal problem for an antenna modeling program. You should be able to get a pretty good answer from the free EZNEC demo available at http://eznec.com.

Roy Lewallen, W7EL

Zommbee wrote:
> Hello again,
>
> How close to my 20-meter mono-band vertical could
> I put a 15-meter version of the same? I have a great
> spot that's only about 10 feet away - will there be
> negative interactions of the two? (Of course, it would
> be nice if the sun had a few more spots!)
>
> Thanks
>
> Dave WB7AWK
>
>

4272. Re: UPDATE: Question about 20-meter monoband vertical (kinda long - antenna gurus welcome)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-24 00:47:36 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <d4jro2557md4h3rrrt32sdpe2e22unn2ei@4ax.com>
Source record: 47646

ORIGINAL MESSAGE:

On Sat, 23 Dec 2006 13:58:32 -0800, "Zommbee" <devarim@hotmail.com>
wrote:

>I had no idea a
>mono-band vertical was SO BROAD!

---------- REPLY FOLLOWS ----------

It's not broad because it's a mono band vertical. It's broad because
of the relatively high frequency, relatively narrow bandwidth and it
being *not* inductively loaded. Try the identical design cut for 80
meters which is a much lower frequency and a larger band (500 KHz) and
you will be singing a different song. :-)

Have fun!

73, Bill W6WRT

4273. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-24 01:19:53 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <1166923193.269003.135470@h40g2000cwb.googlegroups.com>
Source record: 47647

Cecil Moore wrote:
> chuck wrote:
> > So we have at least two candidate causes for what is called by some
> > "precipitation static": charged particles physically impinging on the
> > antenna wire; and electrostatically induced charges that produce corona
> > discharges.
>
> Precipitation static requires static transferred from charged
> particles of rain, snow, or dust. Corona requires the ionization
> of air. These two phenomena can exist together or separately.
> Ionization of air requires a certain threshold. Precipitation
> static can exist either below or that threshold or be the cause
> of the corona. Corona can exist in the absence of precipitation
> static. There are other kinds of static, e.g. propagating EM
> static from numerous sources.
> --
> 73, Cecil, w5dxp.com

Exactly. Thank you, Cecil. There are many physical mechanisms for
generating natural electrical noise. Ask any radio astronomer.

73, Jim AC6XG

4274. 9 to 1 balun

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-24 01:21:57 UTC
From: ve2ztt <ve2ztt2@yahoo.ca>
Message-ID: <1166923317.709265.231810@73g2000cwn.googlegroups.com>
Source record: 47648

How do i make a 9 to 1 balun out of a 3/8 ferrite rod (Receiving only)

Gilles VE2ZTT

4275. Re: 9 to 1 balun

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-24 04:41:42 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <eml0e9$18f$2@aioe.org>
Source record: 47649

ve2ztt wrote:
> How do i make a 9 to 1 balun out of a 3/8 ferrite rod (Receiving only)
>
> Gilles VE2ZTT
>

http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=5979

JS

4276. Re: Hemispheric coverage CP antennas

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-24 05:10:00 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12os2tetiuru4db@corp.supernews.com>
Source record: 47650

Interesting. Does this really maintain circular polarization throughout
the hemisphere, or does it become elliptical or linear in some directions?

Roy Lewallen, W7EL

Jerry Martes wrote:
> Hi Roy
>
> I have tried to locate someone in the commercial level of antenna
> development to "show off" what I have uncovered with this hemispheric
> coverage antenna concept. I have no interest in making money with this
> concept. But, I am proud to have developed it.
>
> It would wrong for me to say that this concept is any better than a Quad
> Helix for anything except NOAA satellite imaging. Its main superiority is
> its sensitivity to signals at the horizon, and thats no more than 6 dB.
> A major benefit associated with this design concept is it's being non
> critical to manufacturing tolerances. So, I thought it would be
> interesting to guys who build their own APT antennas.
>
> The concept is -- an array of two pairs of 1/2 wave dipoles spaced about
> 1/4 wave apart and tilted slightly from vertical. One pair is fed in phase
> with each other. The other pair is also fed in phase with each other, but
> 90 degrees later than the other pair.
>
> Jerry

4277. Re: 9 to 1 balun

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-24 05:30:52 UTC
From: Owen Duffy <none@no.where>
Message-ID: <Xns98A3A63B765E3nonenowhere@61.9.191.5>
Source record: 47651
Body handling: HTML body converted to readable text

John Smith wrote in news:eml0e9$18f$2@aioe.org:

> http://www.dxzone.com/cgi- ...

Hmmm, another site hijacked by dxzone.com

If web developers don't use frames, the following code snippet inserted
after the tag will prevent dxzone and the like opening your content
under their banner... Owen

4278. Re: 9 to 1 balun

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-24 05:33:55 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <eml3g7$18f$3@aioe.org>
Source record: 47652
Body handling: HTML body converted to readable text

Owen Duffy wrote:
> John Smith wrote in news:eml0e9$18f$2@aioe.org:
>
>> http://www.dxzone.com/cgi- ...
>
>
> Hmmm, another site hijacked by dxzone.com
>
> If web developers don't use frames, the following code snippet inserted
> after the tag will prevent dxzone and the like opening your content
> under their banner... Owen
>
>

homepage:
http://www.qsl.net/wars/

mlb page:
http://www.qsl.net/wars/construct/mlb.htm

more balun stuff and just stuff:
http://www.qsl.net/wars/construct/

JS

4279. Re: Hemispheric coverage CP antennas

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-24 05:55:50 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <GDojh.1155$4e.4@trnddc04>
Source record: 47653

Hi Roy

Last year I "thought up" this super simple concept while driving along the freeway. Thats how simple it is. At that time I had no idea what the axial ratio of the RHCP would be in the "other directions. I could see (in my mind) that it would be excellent RHCP at the horizon, toward North, South, East and West., in free space.
I build maybe 50 different full size models in my effort to improve the performance. I was able to record some decent NOAA satellite pictures with the prototypes so I had strong hopes that the CP in the rest of the hemisphere was "OK".
Richard Clark occasionally helped my clear my thinking while I was building prototypes.. Then one day he suggested that I try modeling the concept with EZNEC. That EZNEC almost takes the work out of antenna design. With the computer modeling program, I am able to demonstrate that the free space radiation pattern shape in RHCP is Very good throughout the hemisphere.

One thing I like about the "Double Cross" concept is that anything a guy builds will work. The design has no tight tolerances on anything if/when the dipoles are phased properly.

I'd be honored to know that you'd look at my EZNEC file. Tell me if you'd consider reviewing one of the antennas that I consider quite good for APT imaging from NOAA weather satellites.

Jerry

"Roy Lewallen" <w7el@eznec.com> wrote in message
news:12os2tetiuru4db@corp.supernews.com...
> Interesting. Does this really maintain circular polarization throughout
> the hemisphere, or does it become elliptical or linear in some directions?
>
> Roy Lewallen, W7EL
>
> Jerry Martes wrote:
>> Hi Roy
>>
>> I have tried to locate someone in the commercial level of antenna
>> development to "show off" what I have uncovered with this hemispheric
>> coverage antenna concept. I have no interest in making money with this
>> concept. But, I am proud to have developed it.
>>
>> It would wrong for me to say that this concept is any better than a
>> Quad Helix for anything except NOAA satellite imaging. Its main
>> superiority is its sensitivity to signals at the horizon, and thats no

>> more than 6 dB.
>> A major benefit associated with this design concept is it's being non
>> critical to manufacturing tolerances. So, I thought it would be
>> interesting to guys who build their own APT antennas.
>>
>> The concept is -- an array of two pairs of 1/2 wave dipoles spaced
>> about 1/4 wave apart and tilted slightly from vertical. One pair is fed
>> in phase with each other. The other pair is also fed in phase with each
>> other, but 90 degrees later than the other pair.
>>
>> Jerry

4280. Re: 9 to 1 balun

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-24 13:25:44 UTC
From: Rick <ricknj10@hotmail.com>
Message-ID: <mdvjh.1706$h21.786@newsfe08.lga>
Source record: 47654

> How do i make a 9 to 1 balun out of a 3/8 ferrite rod (Receiving only)
>

Take 3 pcs of wire, put little temporary tags on them to identify the ends, wind them together on the core. Then wire them in series. Call one end ground and the other end hot. Your high impedance terminals are the hot to ground and your low Z terminals are one winding up from ground, and ground. In other words your low Z is one winding and your high Z is all three windings.

Rick K2XT

4281. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-24 13:31:56 UTC
From: chuck <nospam@nospam.org>
Message-ID: <1166967192_22301@sp6iad.superfeed.net>
Source record: 47655

Cecil Moore wrote:

. . .

>
> All the experimentation has already been done by others,
> Tom, and pretty well documented in publications available
> on the web including a host of governmental and university
> publications so I would be wasting my time. It is possible
> that I misunderstood something but impossible that there
> has not been enough experimentation. Wishing that all static
> is caused by ionization of the air is just a pipe dream. There
> would probably never be enough precipitation static on a
> well-designed folded dipole to result in ionization of the air
> but certainly enough to hear in a receiver.
> --
> 73, Cecil, w5dxp.com
>

Hi Cecil,

Though I must seem to be coveting the dead-horse-beating trophy, have you found an explanation of how the relatively low average currents that charged precipitation imparts to an antenna cause static? My back of the envelope calcs showed nanovolt-level signals at the receiver from this current. Clearly, adding charges could eventually result in a corona, but how does the typical current density found in a storm result in measurable (i.e., readily detectable) signals at the receiver front-end when no coronas are present? As I asked in an earlier post, is there a relaxation mechanism somewhere in the antenna/receiver system? Where? What determines its time constants?

Are the reported current densities wrong (i.e., not representative of the conditions under which non-coronal p-static is typically developed)? Is p-static somehow anomalous in that it is not found in all storms with charged precipitation?

The coronal mechanism is understandable to me, but the non-coronal p-static leaves me needing a better explanation than I have been able to find.

A special thanks to you for helping to keep the group lively and interesting, Cecil!

73,

Chuck
NT3G

----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

4282. Re: 9 to 1 balun

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-24 14:09:17 UTC
From: ve2ztt <ve2ztt2@yahoo.ca>
Message-ID: <1166969357.726056.197480@79g2000cws.googlegroups.com>
Source record: 47656

Thank you
No problem to make it now. By the way John i didn't know about it. One of these day my pc will post by itself and will be answered by another pc or what!!!!
Thank you Rick too and Merry Christmas
Gilles VE2ZTT

4283. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-24 15:28:32 UTC
From: chuck <nospam@nospam.org>
Message-ID: <1166974185_23691@sp6iad.superfeed.net>
Source record: 47657

Here's a link to a brief Navy document (gotta be true!) that gives a simple overview of noise. It claims coronal discharges are the principal cause of precipitation static. No mention, however, of any other, non-principal causes.

http://www.globalsecurity.org/military/library/policy/navy/nrtc/14030_ch10.pdf
14030_ch10.pdf (application/pdf Object)

Evidently, aircraft encounter current densities between 50-300 A/square meter, while typical current densities near the ground from charged precipitation are on the order of 1 uA/square meter. That's quite a few orders of magnitude difference.

http://www.jya.com/mil-std-464.htm
MIL-STD-464

Chuck

-----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

4284. Re: 9 to 1 balun

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-24 17:14:34 UTC
From: Tam/WB2TT <t-tammaru@c0mca$t.net>
Message-ID: <V_SdnRG27JzBKBPYnZ2dnUVZ_o-knZ2d@comcast.com>
Source record: 47658

"Rick" <ricknj10@hotmail.com> wrote in message
news:mdvjh.1706$h21.786@newsfe08.lga...
>
>
>> How do i make a 9 to 1 balun out of a 3/8 ferrite rod (Receiving only)
>>
>
> Take 3 pcs of wire, put little temporary tags on them to identify the
> ends, wind them together on the core. Then wire them in series. Call one
> end ground and the other end hot. Your high impedance terminals are the
> hot to ground and your low Z terminals are one winding up from ground, and
> ground. In other words your low Z is one winding and your high Z is all
> three windings.
>
> Rick K2XT
>
It might work better if you twist the three wires together first.

Tam/WB2TT

4285. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-24 18:17:04 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <ilgto2lj1gfco1ca7acuq06tvgaom78ah7@4ax.com>
Source record: 47659

On Sun, 24 Dec 2006 08:31:56 -0500, chuck <nospam@nospam.org> wrote:

>My back of the
>envelope calcs showed nanovolt-level signals at the receiver from this
>current.

Hi Chuck,

From the nature of your questions that follow, your envelope appears
to be insufficient to cover the topic.

>Clearly, adding charges could eventually result in a corona,
>but how does the typical current density found in a storm result in
>measurable (i.e., readily detectable) signals at the receiver front-end
>when no coronas are present? As I asked in an earlier post, is there a
>relaxation mechanism somewhere in the antenna/receiver system? Where?
>What determines its time constants?

There are two mechanisms at work, and they are classically the source
and the load. The source imparts an impulse, the load provides a
complex response. Any impulse's origin is the arrival of a charge.
The load (the antenna feeding the receiver) is very large in
comparison to the volume of charge arriving and all impulses are not
coherent.

Your nano-volt determination appears to neglect the accumulation of
charges which, in turn, does not take into account the reactance of
the load (there has to be a considerable mismatch involved here).

73's
Richard Clark, KB7QHC

4286. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-24 20:40:13 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <NABjh.6259$yC5.5612@newssvr27.news.prodigy.net>
Source record: 47660

chuck wrote:
> Though I must seem to be coveting the dead-horse-beating trophy, have
> you found an explanation of how the relatively low average currents that
> charged precipitation imparts to an antenna cause static? My back of the
> envelope calcs showed nanovolt-level signals at the receiver from this
> current.

Someone reported being able to hear each individual large
snowflake. Could be that the amount of charge in a large
snowflake or a large piece of dust is magnitudes higher than
in a drop of rain, which I assume is the charge you are talking
about above. In any case, a very large number of particles
hitting around the same time could have a cumulative effect.
I personally have never heard P-static from rain but I think
I have seen it remembered on the bandscope on my IC-756PRO.
--
73, Cecil http://www.w5dxp.com

4287. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-24 23:39:22 UTC
From: chuck <nospam@nospam.org>
Message-ID: <1167003635_26345@sp6iad.superfeed.net>
Source record: 47661

Cecil Moore wrote:

> Someone reported being able to hear each individual large
> snowflake. Could be that the amount of charge in a large
> snowflake or a large piece of dust is magnitudes higher than
> in a drop of rain, which I assume is the charge you are talking
> about above. In any case, a very large number of particles
> hitting around the same time could have a cumulative effect.
> I personally have never heard P-static from rain but I think
> I have seen it remembered on the bandscope on my IC-756PRO.

This study found that 20% of the observed charges were greater than 1.6
pC. Or, 80% were below 1.6 pC. At least it doesn't contradict your
hypothesis.

http://adsabs.harvard.edu/abs/1981PhDT.......149B
Collection of Electric Charge Information on Snowflakes in the Field.

73,

Chuck

-----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

4288. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-25 01:34:16 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <emn9qr$r8v$2@aioe.org>
Source record: 47662

Cecil Moore wrote:
> ...

Makes you wish we could shoot 'em through a darn cloud chamber! <grin>

Regards,
JS

4289. Re: Simple FM Antenna, C. Crane, Radio Your Way (Pogo) and Radio Shark (RS)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-25 01:39:03 UTC
From: "W. Watson" <wolf_tracks@invalid.com>
Message-ID: <XYFjh.6633$yC5.474@newssvr27.news.prodigy.net>
Source record: 47663

Sal M. Onella wrote:

> "W. Watson" <wolf_tracks@invalid.com> wrote in message
> news:8Syih.35833$wP1.4846@newssvr14.news.prodigy.net...
>
>>I had an occasion to talk with C. Crane today, and got onto the topic of
>
> an
>
>>FM Antenna for small digital radios. I have the two mentioned in the
>
> Subject
>
>>line. The agent menioned using just a sinple 5' wire for this purpose.
>>
>>I've not had good luck getting FM reception with RS, and have tried a
>
> simple
>
>>dipole without much luck. I live in the Sierra Foothills at 2700', and the
>>trouble is with stations in the Sacramento area (60 mi) and Chico (75 mi).
>>It occurred to me the simple 5' single wire antenna provided with Pogo has
>>been very effective in improving FM reception, so I put it on RS.
>
> Practially
>
>>no difference with or without it. What's up with that?
>>
>>Note that RS looks like shark fin, and has a built in FM and AM antenna,
>
> and
>
>>a jack to plug in an external FM antenna. The RS is plugged into a USB
>
> port
>
>>and it is very much like Tivo but for radio.
>
>
> FM signals have a wavelength around 3 meters, so a quarter wave whip antenna
> would be in the range of 75 cm long. Not fitting that into the fin, are we?
> A built-in is a bad-deal compromise for FM.
>

> How was your "simple dipole" connected to the RS? With two wires, perhaps
> one to the FM antenna terminal and the other to common on the radio? You
> don't say whether the jack was a coaxial jack or just a single-conductor pin
> jack.
>
> Not every antenna needs to be connected with two wires to work, but it's
> true for the ones that work the best on FM broadcast. They're either coax
> or twinlead -- two conductors either way. If EXT FM ANT is just a pin jack,
> I'd get to the common electrically by soldering a wire to the negative
> battery terminal and running it out of the case to connect to one of the
> antenna leads. A cap in that lead will isolate any DC path off the antenna
> jack.
>
> A folded dipole is common antenna for FM -- easy to build, easy to hang on
> the wall or tape on a stick for elevating outside a window. First ones I
> ever saw were on my high school A/V Dept televisions. Cut for Channel 13,
> the local educational station, and taped to a stick. Worked.
>
>
As far as I can tell, the "simple" dipole is a single strand of wire wrapped
in plastic. It's supplied by the Pogo mfger. In the shark it plugs into a
single antenna socket for an external. For the Pogo it plugs into what is
called the phones socket. The question remains. Why does this simple wire
work reasonably well in one radio device but not the other? The connection
looks snug in both cases.

See <http://www.griffintechnology.com/products/radioshark2/> and
<http://www.ccrane.com/radios/am-fm-radios/pogo-radio-yourway-lx/index.aspx>.
I'm not sure the shark page is functioning properly. I don't see a picture
at the top, which I've seen before. The antenna socket is near the USB wire
on the vertical section of the fin. A picture of the antenna wire is buried
in the manual for Pogo.

Wayne T. Watson (Watson Adventures, Prop., Nevada City, CA)
(121.015 Deg. W, 39.262 Deg. N) GMT-8 hr std. time)
Obz Site: 39ï¿½ 15' 7" N, 121ï¿½ 2' 32" W, 2700 feet

"It is better to be ï¿½approximately rightï¿½ rather than
ï¿½exactly wrong." -- John Tukey, Statistican
--
Web Page: <home.earthlink.net/~mtnviews>

4290. Re: Proximity effect of 2 different vertical antennas

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-25 01:39:59 UTC
From: AC7PN <brunius@rockisland.com>
Message-ID: <1167010799.102821.75340@a3g2000cwd.googlegroups.com>
Source record: 47664

I suggest you put up the 15M and check how much the SWR on the 20M antenna changes. I don't think it will change much at all. If the SWR doesn't move then you don't have a problem.

Also, if you use a relay to disconnect the 15M antenna from it's coax at the base of the antenna then you get a 42MHz resonant half wave which will be even more out of the picture for your 20M antenna.

Bob AC7PN

Zommbee wrote:
> Hello again,
>
> How close to my 20-meter mono-band vertical could
> I put a 15-meter version of the same? I have a great
> spot that's only about 10 feet away - will there be
> negative interactions of the two? (Of course, it would
> be nice if the sun had a few more spots!)
>
> Thanks
>
> Dave WB7AWK

4291. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-25 03:04:50 UTC
From: Tom Ring <news0003@taring.org>
Message-ID: <458f3fd3$0$3852$39cecf19@news.twtelecom.net>
Source record: 47665

Richard Clark wrote:
>
> There are two mechanisms at work, and they are classically the source
> and the load. The source imparts an impulse, the load provides a
> complex response. Any impulse's origin is the arrival of a charge.
> The load (the antenna feeding the receiver) is very large in
> comparison to the volume of charge arriving and all impulses are not
> coherent.
>
> Your nano-volt determination appears to neglect the accumulation of
> charges which, in turn, does not take into account the reactance of
> the load (there has to be a considerable mismatch involved here).
>
> 73's
> Richard Clark, KB7QHC

I'm not sure of the numbers involved, but as someone who has lived in a
300 inch of snow per season and storms with up to 10 inch/hour plus high
winds, that snow static is real and a real pain in the ass. It makes
small pops as it hits, and eventually you will hear a large amount of
noise apparently from discharge. Dependant on antenna type, etc.

I have no experience with dust.

tom
K0TAR

4292. Re: the bends

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-25 11:45:09 UTC
From: ml <m@di.net>
Message-ID: <m-5FB71E.06452125122006@news.verizon.net>
Source record: 47666

In article <N6ydnZAzU6DD3hDYnZ2dnUVZ_uyknZ2d@crocker.com>,
"Dave" <noone@nowhere.com> wrote:

> oh, and don't forget.. individual electrons are oscillating back and forth
> at the frequency of the rf, they aren't moving in one direction very far
> before they reverse direction anyway.
>
> "Dave" <noone@nowhere.com> wrote in message
> news:P7GdnSXGiaEP3xDYnZ2dnUVZ_rWnnZ2d@crocker.com...
> > the only effect you will notice is if the bend is tight enough to move the
> > conductors enough to change the characteristic impedance. electrons are
> > moving so slowly compared to the fields that their individual energy is
> > not affected by physical conditions of the coax in any way that you or I
> > will ever measure.
> >
> > "ml" <m@di.net> wrote in message
> > news:m-84AF28.09044823122006@news.verizon.net...
> >> hi
> >>
> >>
> >> just wondering how much and how to calculate the loss in some common
> >> coax for ex lmr400 over a given bend
> >>
> >> naturally i mean not to exceed it's bend radius spec
> >>
> >> but i figure electrons want to stay in motion and 'prefer' to go
> >> straight so if i make a bend some of that energy i recon will be lost
> >>
> >>
> >> a 90 degree bend is within spec for the above and i wonder how much i
> >> loose
> >>
> >> i know some of my variables lmr400 90bend and for ex 20m and 70cm
> >>
> >>
> >>
> >> thanks
> >>
> >

ahh ok thanks guys, i don't know why i was looking at an electron and
thought it wanted to keep going in same direction (objects want to keep
going ...) so i thought that a bend wouldn't have made the electron
'want' to change direction

but i followed what you spoke of, i was thinking more volts and
forgot about rf still made me ponder

but all clear now

thanks again and HAPPY HOLIDAYS !!

4293. Re: the bends

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-25 14:32:26 UTC
From: Ralph Mowery <rmowery28146@earthlink.net>
Message-ID: <_hRjh.2859$pQ3.117@newsread4.news.pas.earthlink.net>
Source record: 47667

"ml" <m@di.net> wrote in message
news:m-5FB71E.06452125122006@news.verizon.net...
> ahh ok thanks guys, i don't know why i was looking at an electron and
> thought it wanted to keep going in same direction (objects want to keep
> going ...) so i thought that a bend wouldn't have made the electron
> 'want' to change direction
>
> but i followed what you spoke of, i was thinking more volts and
> forgot about rf still made me ponder
>
> but all clear now
>
> thanks again and HAPPY HOLIDAYS !!

While the others have given an explination, I have measuered the loss in the past, did it on 4 pieces about 130 feet long wound in coils about 2 feet in diameter a few weeks ago . Did that to check out the new coax I used to install new antennas at my house to make sure the coax and connectors were installed correctly. While I did not streach the coax out and do another measurment, the losses met the specifications .

4294. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-25 14:45:16 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <0uRjh.11647$hI.8759@newssvr11.news.prodigy.net>
Source record: 47668

chuck wrote:
> This study found that 20% of the observed charges were greater than 1.6
> pC. Or, 80% were below 1.6 pC. At least it doesn't contradict your
> hypothesis.

Let me make it clear that virtually all of my precipitation static experience has been with wind-blown dust in the Arizona desert with absolutely no personal experience with snow static and very little with rain static. All I know about snow and rain static is what I have read and heard. Here in East Texas, rain is usually preceded by lightning so precipitation noise from rain is hard to detect. I think I saw it on the bandscope display of my IC-756PRO the other day, didn't see any lightning or hear any thunder but, of course, I can't say for certain.

However, I can say with certainty that precipitation static from wind-blown dust can exist on a low humidity clear-sky day and was somewhat proportional to wind speed. Changing over from a bare-wire dipole to an insulated folded dipole reduced the problem to a tolerable level. The folded dipole was less noisy on dry windy days than a bare-wire dipole with a 4:1 voltage balun (DC short) on the feedline. I can't swear that corona didn't exist during receive, but I never saw any glow at night even when I was transmitting 500 watts. Corona should be less of a problem in low humidity like Arizona.
--
73, Cecil http://www.w5dxp.com

4295. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-25 14:52:11 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <vARjh.11648$hl.5324@newssvr11.news.prodigy.net>
Source record: 47669

Tom Ring wrote:
> I'm not sure of the numbers involved, but as someone who has lived in a
> 300 inch of snow per season and storms with up to 10 inch/hour plus high
> winds, that snow static is real and a real pain in the ass. It makes
> small pops as it hits, and eventually you will hear a large amount of
> noise apparently from discharge. Dependant on antenna type, etc.

Tom, do you have any experience with bare-wire dipoles Vs
insulated folded dipoles?

> I have no experience with dust.

Add your snow static experience to my dust static experience
and all we need is someone with rain static experience. :-)
--
73, Cecil http://www.w5dxp.com

4296. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-25 15:05:19 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <PMRjh.11649$hI.4910@newssvr11.news.prodigy.net>
Source record: 47670

chuck wrote:
> This study found that 20% of the observed charges were greater than 1.6
> pC. Or, 80% were below 1.6 pC. At least it doesn't contradict your
> hypothesis.

One other thought based on Richard C's comments:
Your calculation didn't take reflections in a resonant
antenna system into account which could cause the maximum
voltage to be a couple of magnitudes larger at the antinodes.
That assumes the burst of RF from the discharge is a few
cycles long at the resonant frequency. As an IEEE paper
says, resonance can cause "voltage magnification by coherent
spatial modes".
--
73, Cecil http://www.w5dxp.com

4297. i punce in agin on hloiday

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-25 17:30:45 UTC
From: "Mark@kb9rqz.aspr" <Mark@kp9rqz.asr>
Message-ID: <458ffe0a$0$30216$88260bb3@free.teranews.com>
Source record: 47671
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb,alt.usenet.kooks,rec.arts.poems,rec.music.hip-hop

ok I back four anoter tuff day on the news grupes it my job tast is waht I
do so bringit on you loosers
show-na-to-va (that is the greeting for this time of year as JEW rendered
phonicticaly)
happy new years it means and it can be better one if Wismen Robson and SC a
few just decided to not to be as hateful with the punce gotcha he wonders
why I simple don't bother to ty impoving my spelling do u hav anyting
cognet two say?
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4298. steve does this sort of stuff for his vacation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-25 17:38:36 UTC
From: Mark@kb9rqz.aprs
Message-ID: <c230p21mplhp1eatqtk49trd7fo6qstu66@4ax.com>
Source record: 47672
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb,rec.arts.poems,rec.music.hip-hop

On Mon, 25 Dec 2006 12:30:45 -0500, "Mark@kb9rqz.aspr"
<Mark@kp9rqz.asr> wrote:

> ok I back four anoter tuff day on the news grupes it my job tast is waht I
>do so bringit on you loosers

poor woger spending Christmas allone forging someone who has never
harmed him in the slightest becuase you are desperate for even that
attention
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4299. Barium Titanate powder problems

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-25 17:41:49 UTC
From: Sutor78 <Sutor78@libero.com>
Message-ID: <45900d5d$0$3848$39cecf19@news.twtelecom.net>
Source record: 47673

I need to find a binding for barium titanate powder. I think to use
a silicon glue as binding but I don't know in what proportion .
I am interested too to not very difficult alternatives i.e. to use
other binding , different from silicon , to make compact bariun
titanate powder.
Besides I have found for liquid silicon glue a relative dielectric
constant of about 11 . When silicon became rigid it decrease?

Thanks

This article posted from the web-interface to the Internet Partners news
server (news.ipinc.net), Portland's full-service business Internet
provider. Check out http://news.ipinc.net/ for free web access to Usenet
news.

4300. Re: i punce in agin on hloiday

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-25 17:56:55 UTC
From: ogrowup@webtv.net
Message-ID: <469-459010E7-409@storefull-3111.bay.webtv.net>
Source record: 47675

Drinking the bong water again?

"Do not meddle in the affairs of dragons...for you are crunchy & good
with ketchup."

4301. Re: Barium Titanate powder problems

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-25 17:57:40 UTC
From: Dave <noone@nowhere.com>
Message-ID: <cuqdneGz4sZAkw3YnZ2dnUVZ_h63nZ2d@crocker.com>
Source record: 47674

just what are you trying to do?? there are all sorts of binding agents you could use depending on the requirements, just about any glue could be used, but they have different mechanical and chemical properties. probably the most durable would be an epoxy, but there are also castable plastic resins like the ones used for hobbyist to make paperweights, all the way down to simple casein based glues.

"Sutor78" <Sutor78@libero.com> wrote in message news:45900d5d$0$3848$39cecf19@news.twtelecom.net...
>I need to find a binding for barium titanate powder. I think to use
> a silicon glue as binding but I don't know in what proportion .
> I am interested too to not very difficult alternatives i.e. to use
> other binding , different from silicon , to make compact bariun
> titanate powder.
> Besides I have found for liquid silicon glue a relative dielectric
> constant of about 11 . When silicon became rigid it decrease?
>
> Thanks
>
>
>
>
> -----
> This article posted from the web-interface to the Internet Partners news
> server (news.ipinc.net), Portland's full-service business Internet
> provider. Check out http://news.ipinc.net/ for free web access to Usenet
> news.

4302. Re: i punce in agin on hloiday

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-25 18:03:35 UTC
From: The Demon Prince of Absurdity <absurd_number_of_nicks@hell.corn>
Message-ID: <pan.2006.12.25.18.03.31.884174@hell.corn>
Source record: 47576
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb,alt.usenet.kooks,rec.arts.poems,rec.music.hip-hop

On Mon, 25 Dec 2006 12:30:45 -0500, Wabbit, posting as Mark@kb9rqz.aspr,
did the cha-cha, and screamed:

> ok I back four anoter tuff day on the news grupes it my job tast is waht
> I
> do so bringit on you loosers
> show-na-to-va (that is the greeting for this time of year as JEW
> rendered
> phonicticaly)
> happy new years it means and it can be better one if Wismen Robson and SC
> a few just decided to not to be as hateful with the punce gotcha he
> wonders why I simple don't bother to ty impoving my spelling do u hav
> anyting
> cognet two say?

Yes. I do hope the FNVW remembers Wabbit for the Edmond Wollmann
Memorial Rubber Xmas Turkey. Chung shouldn't always get it.

--

_____
Hail Eris! TM#5; COOSN-029-06-71069
Cardinal Snarky of the Fannish Inquisition
http://www6.kingdomofloathing.com/login.php

"This is a sandwich made by a Spam Witch. You know why Spam Witches
can't starve if they're at the beach? Because they can always eat the
sand which is there." -- Spam Witch sammich, from The Kingdom of
Loathing

http://www.runescape.com/
No one expects the Fannish Inquisition!
http://groups.yahoo.com/group/Cabal_of_the_Holy_Pretzel/join

"What are marijuana tablets?"

I own "James C Cracked is God!!!":
MID: <1161060410.704020.285410@i42g2000cwa.googlegroups.com>

"Chips on you dud, you got bugged for being near me, Viruses transmit
that way you know." -- Blooey: Master of the Autoflame. Message-ID:
<4556A926.6F259DC9@pharae.org>

"Q: How many Bush administration officials does it take to change a
light bulb?
A: None. There is no need to change anything. We made the right decision

to stick with that light bulb. People who say that it is burned out are giving aid and encouragement to the Forces of Darkness." -- Anon.

"Etymology:
Argumentum ad Septicus : argument to putrefaction. Derived from Septicum Argumentum : putrefaction of argument.

"Septic \Sep"tic\, Septical \Sep"tic*al\
a. [L. septicus to make putrid: cf. F. septique.]
Having power to promote putrefaction. Of or relating to or caused by putrefaction." -- Kadaitcha Man, indirectly to Donald "Skeptic"/"Septic" Alford, in MID: <a3svh.djj.19.1@news.alt.net>

"I never fail to be amazing" -- Looney Maroon for September 2006 nominee William Barwell's ego knows no bounds. MID: 12ggt3q3uti3t52@corp.supernews.com

"We are most nearly ourselves when we achieve the seriousness of the child at play." -- Heraclitus

"And thats another mistake on your part. Your 'playing' games on usenet, and I'm not playing...It has nothing to do with impressing you, it has more to do with making sure you have the education you'll need to debate. The debate is no fun for me if you are mentally incapable of it. I'm giving you an opportunity to educate yourself. That's all." -- A trashy former virus-writer turned Outer Filth doesn't know if he's playing or working, in MID: <1159389579.179851.33970@e3g2000cwe.googlegroups.com>

"I am incapable of original thoughts" -- Ctrlï¿½/Altï¿½/Delï¿½ has an honest moment, in MID: <0h59i25ejlthqeeitdp0hlk4kvo1ejpkt9@4ax.com>

"But now the end is near. Now Mark Foley comes along and is making almost all liberal dreams come true and seriously, I'm sorry for it. See, I believe in karma. I believe what comes around goes around and I know full well that it's just bad juju to wish such a level of turmoil and ill upon other humans, warmongering gay-hating maladroits or no, and that the real path of enlightenment is paved with forgiveness and progress and white-hot love and turning the other cheek and scotch.

"In fact, Jesus said something about that, I do believe. He said, "Knock it off already with the warmongering and the hating of each other and let's all get some wine and party like it's 2012." Then again, he never saw Karl Rove stab the nation with the dull ice pick of bogus fear. He never heard George W. Bush describe brutal war and the death of tens of thousands as "just a comma" in world history.

"Check that. Maybe I'm not so sorry after all." -- Mark Morford, http://sfgate.com/cgi-bin/article.cgi?f=/gate/archive/2006/10/11/notes101106.DTL&nl=fix
http://tinyurl.com/kusmr

4303. Re: Barium Titanate powder problems

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-25 19:18:31 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <buVjh.3434$x67.41@newssvr17.news.prodigy.net>
Source record: 47577

Dave wrote:
> just what are you trying to do?? there are all sorts of binding agents you
> could use depending on the requirements, just about any glue could be used,
> but they have different mechanical and chemical properties. probably the
> most durable would be an epoxy, but there are also castable plastic resins
> like the ones used for hobbyist to make paperweights, all the way down to
> simple casein based glues.

Is there a superstrong glue that remains flexible after
hardening? Something with a little give to it?
--
73, Cecil http://www.w5dxp.com

4304. Re: Barium Titanate powder problems

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-25 20:49:33 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <xPWjh.41293$wP1.2504@newssvr14.news.prodigy.net>
Source record: 47579

Dave wrote:
> depends on what you are trying to glue. plain old rubber cement when used
> properly has those properties.

You just reminded me of the stuff I once used on
my wet suit in CA - thanks.
--
73, Cecil http://www.w5dxp.com

4305. Re: Barium Titanate powder problems

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-25 20:49:47 UTC
From: Dave <noone@nowhere.com>
Message-ID: <J-ednRXWxofqqA3YnZ2dnUVZ_qOpnZ2d@crocker.com>
Source record: 47578

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:buVjh.3434$x67.41@newssvr17.news.prodigy.net...
> Dave wrote:
>> just what are you trying to do?? there are all sorts of binding agents
>> you could use depending on the requirements, just about any glue could be
>> used, but they have different mechanical and chemical properties.
>> probably the most durable would be an epoxy, but there are also castable
>> plastic resins like the ones used for hobbyist to make paperweights, all
>> the way down to simple casein based glues.
>
> Is there a superstrong glue that remains flexible after
> hardening? Something with a little give to it?

depends on what you are trying to glue. plain old rubber cement when used
properly has those properties.

4306. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-25 21:02:32 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <I%Wjh.41294$wP1.595@newssvr14.news.prodigy.net>
Source record: 47580

Jim Kelley wrote:
> Exactly. Thank you, Cecil. There are many physical mechanisms for
> generating natural electrical noise. Ask any radio astronomer.

But I suspect the died-in-the-wool corona-ites would
argue that all EM noise is caused by corona even if
it originally occurred on another heavenly body.
Speaking of which, do you think Miss America's
aura is caused by corona?
--
73, Cecil http://www.w5dxp.com

4307. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-25 22:40:21 UTC
From: chuck <nospam@nospam.org>
Message-ID: <1167086504_41195@sp6iad.superfeed.net>
Source record: 47581

OK, lets try to model the fundamental phenomena we're talking about and try to understand them in terms of simple electrostatic principles.

We start with these assumptions:

1. Vertical antenna of length l
2. Antenna grounded at base
3. Ideal RF current sensor at base (i.e., receiver)
4. Complete absence of electrostatic fields except from #5 below
5. A single negative charge Q that can be moved from infinity to actual contact with the antenna.
6. Electromagnetic effects of a moving charge are not considered; they do exist, of course, so reader beware.

We start by placing the charge Q at infinity so that there is no net charge on the antenna.

As Q is brought near the antenna, its field will cause a redistribution of charges on the antenna. Because the antenna is connected to the earth at its base, a negative charge will flow into the earth from the antenna. This will result in the antenna having a net positive charge Q' such that |Q'|<|Q| (i.e., the closer the charge is to the antenna, the smaller the difference between Q' and Q, and in the limit, they are equal). The negative charge flowing to earth causes a current to be detected by the RF current sensor at the base of the antenna.

As the charge moves closer and ultimately touches the antenna, a movement of exactly -Q into the earth is completed, with the result that the antenna once again has a net charge of zero and from the moment of impact, no further charge redistributions or currents take place.

Note that in this model, the signal we hear is actually generated by the approach of the charge, rather than by its actual physical presence on the antenna. (Consider the effect of insulated wire with this model.)

This is the specific mechanism in the model by which a charge colliding with the antenna causes a quantifiable current in the receiver. Our objective is to get a handle on the waveshape (risetime, peak, etc.) of this current; i.e., can it be detected by a receiver as a noise impulse?

The waveshape of the current pulse will be determined mainly by 1) the magnitude of the charge; 2) the time required for the charge redistribution to propagate through the antenna; and 3) the velocity with which the charge approaches the antenna. We know the magnitude of the charge by construction and assume propagation of the charge redistribution (i.e., we are not talking about charge carrier drift) at the speed of light.

The critical element, of course, is the velocity of the charge as it approaches the antenna. The lower its velocity, the longer the risetime of the induced current pulse. If Q is attached to a snowflake with a velocity of one mile per hour, the current peak will be quite low because the charge redistribution will occur over a relatively long time period.

But if we assume the charge velocity is so high that the other factors establish risetime, we can estimate some of the interesting pulse parameters.

For example, if the antenna is conveniently 1/100 mile long and Q = 1 pC, we get a peak current on the order of 20 uA. If our receiver front end is 50 ohms, that peak current would generate a 1 mV peak voltage pulse with a negligible risetime. (Please check my arithmetic) I think the model shows this to be the highest peak current attainable (under quite unrealistic assumptions).

If the rise-time of the current pulse depends on the particle's velocity, then it is not clear how that pulse's peak amplitude can be increased. I'm not persuaded that resonance is relevant, particularly since so much of the noise we are discussing is very broadband.

We can explore the number of charges that must arrive in some time window to achieve a given combined pulse magnitude at the receiver.

First, however, someone who has not forgotten his math and physics should algebraically relate pulse risetime and peak value to charge velocity. Then we would have an indication of the detectability of a single charge striking an antenna. We could predict the magnitude of the charge and/or the velocity needed to achieve some specified signal level at the input of the receiver. This relationship has not yet been presented and without it, understanding of the possibility of non-coronal precipitation static remains elusive.

Are there other approaches to quantitative demonstrations out there? Does someone have an alternative model of how a charge striking an antenna is translated into a detectable signal?

Have fun!

73,
Chuck

-----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

4308. Antenna Stirs Up Controversy :-)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 00:06:28 UTC
From: Neno <dobardabarBEZSPAMA@mail.com>
Message-ID: <empora$l89$1@news1.carnet.hr>
Source record: 47582

http://youtube.com/watch?v=aC_EeWSKJII&search=ham%20radio

:-) :-)
Someone should press charges against this TV company.
Music like from movie psycho as background.
That is crime on Ham radio.
73 from 9A4MN Nenad Mihajlovic

4309. Re: Antenna Stirs Up Controversy :-)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 00:53:49 UTC
From: merlin-7 <merlin-7@sc.rr.com>
Message-ID: <459072d3$0$8979$4c368faf@roadrunner.com>
Source record: 47583

Yea thats the kind of crap us hams get, up untill theres a local emergancy.
Like a hurricane or such.
Besides,I think It was ugly too...it needs to be higher and maybe
stacked...

Joe
"Neno" <dobardabarBEZSPAMA@mail.com> wrote in message
news:empora$l89$1@news1.carnet.hr...
> http://youtube.com/watch?v=aC_EeWSKJII&search=ham%20radio
>
> :-) :-)
> Someone should press charges against this TV company.
> Music like from movie psycho as background.
> That is crime on Ham radio.
> 73 from 9A4MN Nenad Mihajlovic
>
>

4310. Re: Barium Titanate powder problems

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 03:56:39 UTC
From: Roger <GetValidAddress@my.com>
Message-ID: <va71p29qgmhsms89a649lgjtcv27r1qfc7@4ax.com>
Source record: 47584

On Mon, 25 Dec 2006 20:49:47 -0000, "Dave" <noone@nowhere.com> wrote:

>
>"Cecil Moore" <mycall@hotmail.com> wrote in message
>news:buVjh.3434$x67.41@newssvr17.news.prodigy.net...
>> Dave wrote:
>>> just what are you trying to do?? there are all sorts of binding agents
>>> you could use depending on the requirements, just about any glue could be
>>> used, but they have different mechanical and chemical properties.
>>> probably the most durable would be an epoxy, but there are also castable
>>> plastic resins like the ones used for hobbyist to make paperweights, all
>>> the way down to simple casein based glues.
>>
>> Is there a superstrong glue that remains flexible after
>> hardening? Something with a little give to it?
>
>depends on what you are trying to glue. plain old rubber cement when used
>properly has those properties.

So does good lold Silastic RTV (TM)

>
Roger Halstead (K8RI & ARRL life member)
(N833R, S# CD-2 Worlds oldest Debonair)
www.rogerhalstead.com

4311. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 05:10:00 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <J82kh.17905$QU1.13410@newssvr22.news.prodigy.net>
Source record: 47585

chuck wrote:
> ... understanding of the possibility of
> non-coronal precipitation static remains elusive.

Please note that human understanding is not
necessary for something to exist and denying
its existence because of a lack of understanding
doesn't make it go away. It is what it is.
--
73, Cecil http://www.w5dxp.com

4312. Re: Barium Titanate powder problems

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 05:52:37 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <emqco2$7e2$1@aioe.org>
Source record: 47586

Cecil Moore wrote:
> Dave wrote:
>> depends on what you are trying to glue. plain old rubber cement when
>> used properly has those properties.
>
> You just reminded me of the stuff I once used on
> my wet suit in CA - thanks.

How about the clear silicone stuff they use to cement aquariums with?
Should be able to pick up a tube of it in any large pet supply ...

Regards,
JS

4313. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 05:57:07 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <5Q2kh.11914$3v6.7978@bignews8.bellsouth.net>
Source record: 47587

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:NABjh.6259$yC5.5612@newssvr27.news.prodigy.net...
> chuck wrote:
>> Though I must seem to be coveting the dead-horse-beating trophy, have you
>> found an explanation of how the relatively low average currents that
>> charged precipitation imparts to an antenna cause static? My back of the
>> envelope calcs showed nanovolt-level signals at the receiver from this
>> current.
>
> Someone reported being able to hear each individual large
> snowflake. Could be that the amount of charge in a large
> snowflake or a large piece of dust is magnitudes higher than
> in a drop of rain, which I assume is the charge you are talking
> about above. In any case, a very large number of particles
> hitting around the same time could have a cumulative effect.
> I personally have never heard P-static from rain but I think
> I have seen it remembered on the bandscope on my IC-756PRO.
> --
> 73, Cecil http://www.w5dxp.com

My first experience with p-static was with snow in Norway 1984. The air was very cold and dry before it started snowing it seemed like at first you could hear each flake that hit the wire then finally it just became a rushing sound.

4314. Re: 9 to 1 balun

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 06:05:36 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <6Y2kh.11916$3v6.10372@bignews8.bellsouth.net>
Source record: 47588

"Tam/WB2TT" <t-tammaru@c0mca$t.net> wrote in message
news:V_SdnRG27JzBKBPYnZ2dnUVZ_o-knZ2d@comcast.com...
>
> "Rick" <ricknj10@hotmail.com> wrote in message
> news:mdvjh.1706$h21.786@newsfe08.lga...
>>
>>
>>> How do i make a 9 to 1 balun out of a 3/8 ferrite rod (Receiving only)
>>>
>>
>> Take 3 pcs of wire, put little temporary tags on them to identify the
>> ends, wind them together on the core. Then wire them in series. Call
>> one end ground and the other end hot. Your high impedance terminals are
>> the hot to ground and your low Z terminals are one winding up from
>> ground, and ground. In other words your low Z is one winding and your
>> high Z is all three windings.
>>
>> Rick K2XT
>>
> It might work better if you twist the three wires together first.
>
> Tam/WB2TT
>

Made one up tonight and hooked it up to my Halicrafter rx. I never knew how
much I was missing on this radio.

4315. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 06:18:03 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <H73kh.11920$3v6.7726@bignews8.bellsouth.net>
Source record: 47589

"Jimmie D" <jimmiedee@bellsouth.net> wrote in message
news:5Q2kh.11914$3v6.7978@bignews8.bellsouth.net...
>
> "Cecil Moore" <mycall@hotmail.com> wrote in message
> news:NABjh.6259$yC5.5612@newssvr27.news.prodigy.net...
>> chuck wrote:
>>> Though I must seem to be coveting the dead-horse-beating trophy, have
>>> you found an explanation of how the relatively low average currents that
>>> charged precipitation imparts to an antenna cause static? My back of the
>>> envelope calcs showed nanovolt-level signals at the receiver from this
>>> current.
>>
>> Someone reported being able to hear each individual large
>> snowflake. Could be that the amount of charge in a large
>> snowflake or a large piece of dust is magnitudes higher than
>> in a drop of rain, which I assume is the charge you are talking
>> about above. In any case, a very large number of particles
>> hitting around the same time could have a cumulative effect.
>> I personally have never heard P-static from rain but I think
>> I have seen it remembered on the bandscope on my IC-756PRO.
>> --
>> 73, Cecil http://www.w5dxp.com
>
> My first experience with p-static was with snow in Norway 1984. The air
> was very cold and dry before it started snowing it seemed like at first
> you could hear each flake that hit the wire then finally it just became a
> rushing sound.
>
I ve been trying to piece together what everyone has been saying about it
with my own experience. So far I suspect that the weather must be fairly dry
just before the precipitation starts.

4316. Re: RoomCap Antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 06:36:44 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <0q3kh.15232$jU.5970@newsfe10.phx>
Source record: 47590

"John Smith" <assemblywizard@gmail.com> wrote in message
news:elqj7d$6ji$1@aioe.org...

> And, yesterday I walked on water, in front of 12 witnesses.
>
> Fortunate for you, I made a video of this! If you go to my webpage you
> can purchase a high definition video in true color of this truly amazing
> feat of mine, for the most reasonable price of $29.95 USD! Click here
> to purchase this truly remarkable video--a real once in a lifetime
> opportunity:
>
> http://BridgeForSale.org
>
> Regards,
> JS

Blasphemy ought to have a point -- and I had the misfortune to open this on
Christmas Night. If you think the OP's assertions are bogus, maybe you
should say why. (There's enough snot being slung around in this newsgroup
for it to be declared an epidemic.)

4317. Re: RoomCap Antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 07:32:21 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <emqij1$hm4$1@aioe.org>
Source record: 47591

Sal M. Onella wrote:
> Blasphemy ought to have a point -- and I had the misfortune to open
this on
> Christmas Night. If you think the OP's assertions are bogus, maybe you
> should say why. (There's enough snot being slung around in this newsgroup
> for it to be declared an epidemic.)
>
>

Very sorry you feel that way OM. Because your opinion matters to me, I
have went to the time and expense of setting up a special support
hotline for you. Just dial the following number:

1-800-call-mental-health

The nice folks there can straighten everything out ...

Regards,
JS

4318. Re: Antenna Stirs Up Controversy :-)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 08:18:16 UTC
From: Pete <zs5actRemovethis@mweb.co.za>
Message-ID: <emqlsj$e2s$1@ctb-nnrp2.saix.net>
Source record: 47592

If the neighbourhood had not removed every single tree around, the antenna would not look so stark in it's nested state. We have a lot of those walled estates here in ZS and they seem to attract the same anal residents! The developments here are also devoid of trees. Unfortunately, we don't have a federal law to rely on here, our amateurs have to rely on sneaky antennas only.
Lucily I live in a freehold suburb with plenty of trees. My 55' crank-up also nests at about 20' and is virtually invisible from all roads but one due to the trees around it. Only my immediate neighbours can see it in the nested position, but they still have the trees to get an idea of the proportions so it is not a problem. Trees have more bulk than the antenna and give proportion to it's size.

Maybe that guy should print some info leaflets for the neighbours to inform them that in an emergency situation, that 'eyesore' could be their only communications system and their lifeline to help?

People forget surprisingly quickly that the distance from the top of the (technological) heap to the bottom is an incredibly short distance! One big storm in the right place and infrastructure can crumble and take them back to their medievil walled villages that they appear to be longingly trying to emulate!

What hole comes before a B-Hole?

Merry Christmas to all!

73 from Sunny Durban South Africa

--
Pete . .
ZS5ACT / ZS5ZZ

------ Reply Separator ------

"merlin-7" <merlin-7@sc.rr.com> wrote in message
news:459072d3$0$8979$4c368faf@roadrunner.com...
> Yea thats the kind of crap us hams get, up untill theres a local
> emergancy.
> Like a hurricane or such.
> Besides,I think It was ugly too...it needs to be higher and maybe
> stacked...
>
> Joe
> "Neno" <dobardabarBEZSPAMA@mail.com> wrote in message
> news:empora$l89$1@news1.carnet.hr...
>> http://youtube.com/watch?v=aC_EeWSKJII&search=ham%20radio

>>
>> :-) :-)
>> Someone should press charges against this TV company.
>> Music like from movie psycho as background.
>> That is crime on Ham radio.
>> 73 from 9A4MN Nenad Mihajlovic
>>
>>
>
>

4319. Re: Antenna Stirs Up Controversy :-)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 10:05:39 UTC
From: Gene Fuller <W4SZzzzzzz@att.net>
Message-ID: <Tt6kh.579330$QZ1.480492@bgtnsc04-news.ops.worldnet.att.net>
Source record: 47593

Pete wrote:
> If the neighbourhood had not removed every single tree around, the antenna
> would not look so stark in it's nested state. We have a lot of those walled
> estates here in ZS and they seem to attract the same anal residents! The
> developments here are also devoid of trees. Unfortunately, we don't have a
> federal law to rely on here, our amateurs have to rely on sneaky antennas
> only.
> Lucily I live in a freehold suburb with plenty of trees. My 55' crank-up
> also nests at about 20' and is virtually invisible from all roads but one
> due to the trees around it. Only my immediate neighbours can see it in the
> nested position, but they still have the trees to get an idea of the
> proportions so it is not a problem. Trees have more bulk than the antenna
> and give proportion to it's size.
>
> Maybe that guy should print some info leaflets for the neighbours to inform
> them that in an emergency situation, that 'eyesore' could be their only
> communications system and their lifeline to help?
>
> People forget surprisingly quickly that the distance from the top of the
> (technological) heap to the bottom is an incredibly short distance! One big
> storm in the right place and infrastructure can crumble and take them back
> to their medievil walled villages that they appear to be longingly trying to
> emulate!
>
> What hole comes before a B-Hole?
>
>
> Merry Christmas to all!
>
> 73 from Sunny Durban South Africa
>

Pete,

It is possible that you may have avoided a scenic trip to Lubbock,
Texas. I am not in any way trying to defend the clowns on the video.
However, one thing they did not do is remove any trees.

73,
Gene
W4SZ

4320. will a 10 meter fm antenna work on SSB

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 10:40:16 UTC
From: nobody@nowhere.com
Message-ID: <ksu1p257lnl938alftj6drpheak809mocn@4ax.com>
Source record: 47594

I'm thinking of getting a quad antenna for my car. I believe its 10m, 6m, 2m, and 70cm. I wondering if the 10m will work with ssb.

Just curious.

4321. Re: will a 10 meter fm antenna work on SSB

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 11:20:58 UTC
From: johan PA5TIG <pa5tig>
Message-ID: <459131b1$0$20380$bf4948fe@news.tele2.nl>
Source record: 47600

just tune it to the ssbsection instead of the fmsection....

<nobody@nowhere.com> schreef in bericht
news:ksu1p257lnl938alftj6drpheak809mocn@4ax.com...
> I'm thinking of getting a quad antenna for my car. I believe its 10m,
> 6m, 2m, and 70cm. I wondering if the 10m will work with ssb.
>
> Just curious.
>
>
>

4322. Re: will a 10 meter fm antenna work on SSB

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 12:01:50 UTC
From: Dave <noone@nowhere.com>
Message-ID: <HbadnQtEBrJhkwzYnZ2dnUVZ_qmpnZ2d@crocker.com>
Source record: 47595

hopefully by 'quad' you mean a 4-band antenna. it could be a bit of a
problem with low bridges and parking garages otherwise. and yes, an antenna
doesn't care what kind of modulation you use, though you may want to
lengthen it a bit if its tuned up near the top of the band for fm repeaters
and such.
<nobody@nowhere.com> wrote in message
news:ksu1p257lnl938alftj6drpheak809mocn@4ax.com...
> I'm thinking of getting a quad antenna for my car. I believe its 10m,
> 6m, 2m, and 70cm. I wondering if the 10m will work with ssb.
>
> Just curious.
>
>
>

4323. Re: Antenna Stirs Up Controversy :-)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 12:31:40 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <MC8kh.2571$sR.1308@newssvr29.news.prodigy.net>
Source record: 47596

Gene Fuller wrote:
> It is possible that you may have avoided a scenic trip to Lubbock,
> Texas.

On another note, has the state of Texas passed PRB1?
--
73, Cecil http://www.w5dxp.com

4324. Re: Antenna Stirs Up Controversy :-)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 12:43:26 UTC
From: Dave <W1MCE@comcast.net>
Message-ID: <QYGdnYnqWKN0hQzYnZ2dnUVZ_h7inZ2d@comcast.com>
Source record: 47597

This news spot is OLD!

OLD news is NO NEWS.

NEW news is NEWS [so, I'm told].

In the USA there is a federal pre-emption limiting local laws against antennas.

Neno wrote:

> http://youtube.com/watch?v=aC_EeWSKJII&search=ham%20radio
>
> :-) :-)
> Someone should press charges against this TV company.
> Music like from movie psycho as background.
> That is crime on Ham radio.
> 73 from 9A4MN Nenad Mihajlovic
>
>

4325. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 14:02:43 UTC
From: chuck <nospam@nospam.org>
Message-ID: <1167141835_45455@sp6iad.superfeed.net>
Source record: 47598

Cecil Moore wrote:
> chuck wrote:
>> ... understanding of the possibility of
>> non-coronal precipitation static remains elusive.
>
> Please note that human understanding is not
> necessary for something to exist and denying
> its existence because of a lack of understanding
> doesn't make it go away. It is what it is.

Nicely said, Cecil.

Hope you didn't get the impression I was denying the existence of non-coronal p-static, or attempting to make it go away. But I hope you'll agree that to be detected in a receiver, the static has to have a certain amplitude. We know what that amplitude is and we know the kinds of charges scientists have measured on precipitation as well as typical current densities. What is elusive is how the charges get changed into a detectable signal. Hardly metaphysics, and no more intended to attain Human Understanding than the application of Ohm's law! ;-)

Actually, I was trying to provide a basis or framework within which non-coronal static could be analyzed. Except for the unfortunate paragraph with hypothetical numbers (the sad result of an embarrassing senior moment) the rest seems a reasonable start.

Will you tell me again how we know that non-coronal p-static exists? Without that information we need to say "It is what it is iff it exists", no? ;-)

73,

Chuck

-----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

4326. Re: will a 10 meter fm antenna work on SSB

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 14:08:39 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <H1akh.398$Xr.363@trnddc04>
Source record: 47599

<nobody@nowhere.com> wrote in message
news:ksu1p257lnl938alftj6drpheak809mocn@4ax.com...
> I'm thinking of getting a quad antenna for my car. I believe its 10m,
> 6m, 2m, and 70cm. I wondering if the 10m will work with ssb.
>
> Just curious.

That seems like an odd trade. Perhaps it would be better if you tried to
borrow the money from a friend and pay cash for the quad.

Also curious

4327. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 14:53:20 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <AHakh.273$ji1.205@newssvr12.news.prodigy.net>
Source record: 47601

chuck wrote:
> What is elusive is how the charges get changed into a
> detectable signal.

Yes, there's a broad range of possible explanations.
One interesting theory is that uncharged particles
rubbing against an uncharged antenna results in a
triboelectric effect that, after contact, leaves the
antenna and particles with opposite charges. You might
call it the relativity theory of charged particles. :-)

> Will you tell me again how we know that non-coronal p-static exists?

By definition, corona requires ionization of the air
which requires a certain current through the air, i.e.
at least a small arc. The question is, can p-static
exist and be heard below the corona threshold?

In 1939, another C. Moore, W9LZX, solved the corona
problem at HCJB in Quito, Ecuador by inventing the
cubical quad antenna. Describing the problem with the
Yagi beam: "Gigantic corona discharges sprang full-
blown from the tips of the driven element and directors,
standing out in mid-air and burning with a wicked hiss
and crackle. The heavy industrial aluminum tubing used
for the elements of the doomed beam glowed with the
heat of the arc and turned incandescent at the tips.
Large molten chunks of aluminum dropped to the ground
as the inexorable fire slowly consumed the antenna. The
corona discharges were so loud and so intense that they
could be seen and heard singing and burning a quarter-
mile away from the station."

So Clarence Moore invented the cubical quad to solve
the corona problem. One must admit that the cubical
quad at least reduced the corona problem by many
magnitudes during transmit. One must also admit that
the corona problem during receive is magnitudes below
the problem during transmit. At some level, the air
ceases to be ionized and corona ceases to exist, by
definition. What can we conclude by applying the
principle of antenna transmit/receive reciprocity?

Comparing the Yagi to the cubical quad is similar to
comparing a single-wire 1/2WL dipole to a full-wave loop.
The ground referenced loop with its rounded corners

certainly reduces the corona threshold level. It is possible that the loop is quieter *because* it is below the corona threshold and the single-wire dipole is not. Can we hear p-static on a full-wave loop? Yes, I have heard it on a clear-sky, low-humidity, windy day in the Arizona desert. Did it occur without ionization of the air? There probably were no points (pun intended) in the system conducive to corona discharge.

Obviously a qualitative argument rather than a quantitative one but possibly valid nonetheless based on the Quito experience.
--
73, Cecil http://www.w5dxp.com

4328. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 14:54:15 UTC
From: Dave <noone@nowhere.com>
Message-ID: <yJadndr0xLQKqgzYnZ2dnUVZ_uC3nZ2d@crocker.com>
Source record: 47602

"chuck" <nospam@nospam.org> wrote in message
news:1167141835_45455@sp6iad.superfeed.net...
> Cecil Moore wrote:
>> chuck wrote:
>>> ... understanding of the possibility of
>>> non-coronal precipitation static remains elusive.
>>
>> Please note that human understanding is not
>> necessary for something to exist and denying
>> its existence because of a lack of understanding
>> doesn't make it go away. It is what it is.
>
> Nicely said, Cecil.
>
> Hope you didn't get the impression I was denying the existence of
> non-coronal p-static, or attempting to make it go away. But I hope you'll
> agree that to be detected in a receiver, the static has to have a certain
> amplitude. We know what that amplitude is and we know the kinds of charges
> scientists have measured on precipitation as well as typical current
> densities. What is elusive is how the charges get changed into a
> detectable signal. Hardly metaphysics, and no more intended to attain
> Human Understanding than the application of Ohm's law! ;-)
>
> Actually, I was trying to provide a basis or framework within which
> non-coronal static could be analyzed. Except for the unfortunate paragraph
> with hypothetical numbers (the sad result of an embarrassing senior
> moment) the rest seems a reasonable start.
>
> Will you tell me again how we know that non-coronal p-static exists?
> Without that information we need to say "It is what it is iff it exists",
> no? ;-)

i have a feeling that what you will find is that the individual charges on
drops, flakes, and dust is too small to be detected by a normal amateur
receiver. However, the electric field that must accompany them is what
generates the corona effects that can be heard. Just think about it, how do
small particles get charged without also generating a larger bulk field?
The effect that charges the particles, be it dry friction from wind on dust,
or freezing and convection in clouds (any cloud, not just those with enough
charge to generate lightning) is not an individual particle effect, it
happens to many, many particles at once which cumulatively create a much
larger electric field than any one of them alone could create. And while
the charge transfer of small drops striking a conductor may not be enough to
stimulate a receiver the corona caused by the accumulated field over the

whole height of the structure can be significant.

4329. Re: will a 10 meter fm antenna work on SSB

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 14:57:27 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <rLakh.274$ji1.203@newssvr12.news.prodigy.net>
Source record: 47603

nobody@nowhere.com wrote:
> I wondering if the 10m [fm] will work with ssb.

Sky-wave or surface-wave?
--
73, Cecil http://www.w5dxp.com

4330. Confused how I2 gets coupled to the dipole element

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 15:17:15 UTC
From: k1drw <k1drw@comcast.net>
Message-ID: <1167146235.925206.296270@i12g2000cwa.googlegroups.com>
Source record: 47604

I just read one of Cebik's lessons on common mode currents and am looking at a diagram he posts. The diagram shows I1 as the RF current on the center conductor, I2 as RF current on the inside of the braid and I3 as commond mode current on the outside of the braid.

Since I have not seen my query posted anywhere, I am a bit reluctant to ask because the answer is probably very obvious. I hope I don't get chided that I an an Extra, asking a simple, fundamental question. I have studied hard most every day but without the benefit of an electrical/electronics/engineering background, it is going to take the rest of my lifetime to acquire all that I am curious about.

This particular bit of confusion comes from knowing how I attach a PL-259 to the braid of coax. The OUTSIDE surface of the braid fits flush to the PL-259 shell, not the INSIDE surface of the braid where I2 is portrayed to be. Subsequently, the shell of the PL-259 gets coupled to one side of the antenna. I understand the potential for I3. And, I reasoned that the RF current could be initially placed on the inside surface of the braid at the transmitter end of the coax run. But then, back at the antenna end of the coax and PL-259 connector, I only see a dead end for the I2 current. I added a Balun component to my thinking about the issue, but the confusion did not go away.

I just cannot understand how I2 gets coupled to the dipole antenna element since the coax gets coupled at the PL-259 via the outside surface of the braid.

4331. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 15:21:56 UTC
From: Dave <noone@nowhere.com>
Message-ID: <EvidnfGOLrGJowzYnZ2dnUVZ_sqdnZ2d@crocker.com>
Source record: 47605

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:AHakh.273$ji1.205@newssvr12.news.prodigy.net...
> chuck wrote:
>> What is elusive is how the charges get changed into a detectable signal.
>
> By definition, corona requires ionization of the air
> which requires a certain current through the air, i.e.
> at least a small arc. The question is, can p-static
> exist and be heard below the corona threshold?

corona is not an 'arc', an arc is normally between two conductors. corona is a local cascade breakdown in air as electrons are accelerated enough so that when they colide with another molecule of the air they can knock off more electrons. That is why there is a threshold voltage for corona inception, below a given field strength the electrons can't gain enough energy to sustain the breakdown. note that the shape of the conductor is very important in this process also, a blunt smooth surface will produce smaller fields and have a higher inception voltage than a sharp point because the field gets concentrated more around the point and thus requires a lower voltage to start corona breakdown.

> What can we conclude by applying the
> principle of antenna transmit/receive reciprocity?

in this case, nothing. the tx problem was because the rf voltage at the antenna tips was high enough to cause corona on a massive scale. rf voltage on a receiving antenna is miniscule and so can not be the source of corona... this means other sources, not related to rf and the intended use of the structure as an antenna, are the cause.

4332. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 15:24:16 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <R8bkh.9690$ZT3.1117@newssvr19.news.prodigy.com>
Source record: 47606

Dave wrote:
> However, the electric field that must accompany them is what
> generates the corona effects that can be heard.

Wouldn't the whole sky glow at night like the
Northern Lights if the entire dust cloud was
ionizing the air to the corona threshold?

The fair weather current doesn't meet the
corona threshold so how could corona occur
with a rounded full-wave loop under fair
weather conditions?
--
73, Cecil http://www.w5dxp.com

4333. Re: Confused how I2 gets coupled to the dipole element

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 15:36:50 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <mkbkh.41356$wP1.37687@newssvr14.news.prodigy.net>
Source record: 47607

k1drw wrote:
> I just cannot understand how I2 gets coupled to the dipole antenna
> element since the coax gets coupled at the PL-259 via the outside
> surface of the braid.

It is the physics of the coaxial cable that causes I1
and I2 to be equal in magnitude and opposite in phase.
The internal coax fields force that condition. At the
antenna, I1 has only one choice of paths - into the
antenna (if matched). But I2 has two choices - into
the antenna (if matched) or down the outside of the
coax. It will divide at that point according to Ohm's
law most of it taking the path of least impedance.
A choke increases the impedance down the outside of
the coax making the antenna impedance more attractive
to the current.
--
73, Cecil http://www.w5dxp.com

4334. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 15:41:49 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <jpbkh.9694$ZT3.563@newssvr19.news.prodigy.com>
Source record: 47608

Dave wrote:
> note that the shape of the conductor is
> very important in this process also, a blunt smooth surface will produce
> smaller fields and have a higher inception voltage than a sharp point
> because the field gets concentrated more around the point and thus requires
> a lower voltage to start corona breakdown.

So the sharp ends of a single-wire dipole would be more
conducive to corona than would a rounded full-wave loop.
Would you say that an antenna without corona is quieter
than an antenna with corona?
--
73, Cecil http://www.w5dxp.com

4335. Re: Confused how I2 gets coupled to the dipole element

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 16:22:33 UTC
From: k1drw <k1drw@comcast.net>
Message-ID: <1167150153.387261.258470@f1g2000cwa.googlegroups.com>
Source record: 47609

Cecil:

Thank you for the quick reply and clear explanation. I now
understand the coupling of rf current from inside the braid to
potentially, depending on impedance, both paths.

Sincere thanks..!

4336. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 16:36:14 UTC
From: Dave <noone@nowhere.com>
Message-ID: <mpudnZAoNd_j0gzYnZ2dnUVZ_ragnZ2d@crocker.com>
Source record: 47610

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:R8bkh.9690$ZT3.1117@newssvr19.news.prodigy.com...
> Dave wrote:
>> However, the electric field that must accompany them is what generates
>> the corona effects that can be heard.
>
> Wouldn't the whole sky glow at night like the
> Northern Lights if the entire dust cloud was
> ionizing the air to the corona threshold?

no, the field in the air is below the threshold. it is the concentrated
field around objects that cause the field to exceed the threshold.

>
> The fair weather current doesn't meet the
> corona threshold so how could corona occur
> with a rounded full-wave loop under fair
> weather conditions?

the fair weather current and the field that drives it is fairly small, not
normally enough to cause corona or we would be hearing it all the time.

4337. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 16:37:30 UTC
From: Dave <noone@nowhere.com>
Message-ID: <AZKdne88x6ZU0gzYnZ2dnUVZ_qSrnZ2d@crocker.com>
Source record: 47611

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:jpbkh.9694$ZT3.563@newssvr19.news.prodigy.com...
> Dave wrote:
>> note that the shape of the conductor is very important in this process
>> also, a blunt smooth surface will produce smaller fields and have a
>> higher inception voltage than a sharp point because the field gets
>> concentrated more around the point and thus requires a lower voltage to
>> start corona breakdown.
>
> So the sharp ends of a single-wire dipole would be more
> conducive to corona than would a rounded full-wave loop.
> Would you say that an antenna without corona is quieter
> than an antenna with corona?

of course. we see that here all the time, the top antenna of a stack can be
very noisy with corona, but those lower down on the tower (even though they
are getting hit by the same rain/snow) are quiet.

4338. Re: i punce in agin on hloiday

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 17:27:40 UTC
From: Andy the Perv Timberlake <andy_theperv_timberlake@yahoo.com>
Message-ID: <1167154060.208049.126680@a3g2000cwd.googlegroups.com>
Source record: 47612
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.cb,alt.usenet.kooks

The Demon Princess of Obtusity blathered in a syphilitic rage:
> On Mon, 25 Dec 2006 12:30:45 -0500, Wabbit, posting as Mark@kb9rqz.aspr,
> did the cha-cha, and screamed:
>
> > ok I back four anoter tuff day on the news grupes it my job tast is waht
> > I
> > do so bringit on you loosers
> > show-na-to-va (that is the greeting for this time of year as JEW
> > rendered
> > phonicticaly)
> > happy new years it means and it can be better one if Wismen Robson and SC
> > a few just decided to not to be as hateful with the punce gotcha he
> > wonders why I simple don't bother to ty impoving my spelling do u hav
> > anyting
> > cognet two say?
>
> Yes. I do hope the FNVW remembers Wabbit for the Edmond Wollmann
> Memorial Rubber Xmas Turkey. Chung shouldn't always get it.

Just like you hope to remember how your daddy gives you your xmas
present from behind without K-Y and pressing down on your zit filled
back, no doubt.

4339. steve veraion of christmas cheer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 17:29:36 UTC
From: Mark@kb9rqz.aprs
Message-ID: <mum2p2touvade2agh6cu8fist765vbmhjg@4ax.com>
Source record: 47613
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.cb

On 26 Dec 2006 09:27:40 -0800, "Andy the Perv Timberlake"
<andy_theperv_timberlake@yahoo.com> wrote:

>The Demon Princess of Obtusity blathered in a syphilitic rage:
>> On Mon, 25 Dec 2006 12:30:45 -0500, Wabbit, posting as Mark@kb9rqz.aspr,
>> did the cha-cha, and screamed:
>>
>> > ok I back four anoter tuff day on the news grupes it my job tast is waht
>> > I
>> > do so bringit on you loosers
>> > show-na-to-va (that is the greeting for this time of year as JEW
>> > rendered
>> > phonicticaly)
>> > happy new years it means and it can be better one if Wismen Robson and SC
>> > a few just decided to not to be as hateful with the punce gotcha he
>> > wonders why I simple don't bother to ty impoving my spelling do u hav
>> > anyting
>> > cognet two say?
>>
>> Yes. I do hope the FNVW remembers Wabbit for the Edmond Wollmann
>> Memorial Rubber Xmas Turkey. Chung shouldn't always get it.
>
>Just like you hope to remember how your daddy gives you your xmas
>present from behind without K-Y and pressing down on your zit filled
>back, no doubt.
stick to Hal tuner he might be dumb enough for you to tackle
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4340. Markie's father sodomises Markie for fun

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 17:35:32 UTC
From: Andy the Perv Timberlake <andy_theperv_timberlake@yahoo.com>
Message-ID: <1167154532.857929.19530@h40g2000cwb.googlegroups.com>
Source record: 47614
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

Mark@kb9rqz.aprs wrote:
> On 17 Dec 2006 12:36:02 -0800, "Not Cocksucker Lloyd"
> <not_time_turd_lloyd@yahoo.com> wrote:
>
> > >
> > >Mark@kb9rqz.aprs wrote:
> > >> On 17 Dec 2006 07:42:28 -0800, "K4YZ" <stevenrobeson@aol.com>
> > >> wrote:Re: "Mark C Morgan" Is What Happens When The Short Yellow Bus
> > >> Takes A Detour
> > >>
> > >>
> > >> stop being such absolute horror of a human being
> > >>
> > >> you have admited you post this way becuase it entertains like you were
> > >> posting at one the RAPE was funny too
> > >
> > >You are the one who claimed to enjoy being raped, Marqueer.
> >
> > lying again woger

You admitted it on here.

> > >
> > >BTW, what happened to your statement that if they drop the code you
> > >were out of here for good? Looks like you lied again!
> >
> > woger I said I would leave when I could sign kb9rqz/ae

Nope you siad you'd leave once they dropped the code requirement.

> can't do that yet

You'll never be able to do it, retard.

> but you can't tell the truth

Oh, the irony.

4341. Re: steve veraion of christmas cheer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 17:38:29 UTC
From: Andy the Perv Timberlake <andy_theperv_timberlake@yahoo.com>
Message-ID: <1167154709.624314.299470@42g2000cwt.googlegroups.com>
Source record: 47615
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.cb

Mark@kb9rqz.aprs wrote:
> On 26 Dec 2006 09:27:40 -0800, "Andy the Perv Timberlake"
> <andy_theperv_timberlake@yahoo.com> wrote:
>
> >The Demon Princess of Obtusity blathered in a syphilitic rage:
> >> On Mon, 25 Dec 2006 12:30:45 -0500, Wabbit, posting as Mark@kb9rqz.aspr,
> >> did the cha-cha, and screamed:
> >>
> >> > ok I back four anoter tuff day on the news grupes it my job tast is waht
> >> > I
> >> > do so bringit on you loosers
> >> > show-na-to-va (that is the greeting for this time of year as JEW
> >> > rendered
> >> > phonicticaly)
> >> > happy new years it means and it can be better one if Wismen Robson and SC
> >> > a few just decided to not to be as hateful with the punce gotcha he
> >> > wonders why I simple don't bother to ty impoving my spelling do u hav
> >> > anyting
> >> > cognet two say?
> >>
> >> Yes. I do hope the FNVW remembers Wabbit for the Edmond Wollmann
> >> Memorial Rubber Xmas Turkey. Chung shouldn't always get it.
> >
> >Just like you hope to remember how your daddy gives you your xmas
> >present from behind without K-Y and pressing down on your zit filled
> >back, no doubt.
> stick to Hal tuner he might be dumb enough for you to tackle

What's a "Hal tuner?" Is that what they used on the computer in 2001: A
Space Odyssey, you fucking illiterate faggot?

4342. Re: steve veraion of christmas cheer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 17:42:14 UTC
From: Mark@kb9rqz.aprs
Message-ID: <0mn2p21nufsl2sa4trdqs3rth9rk9qj92q@4ax.com>
Source record: 47616
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.cb

```
On 26 Dec 2006 09:38:29 -0800, "Andy the Perv Timberlake"
<andy_theperv_timberlake@yahoo.com> wrote:

>
>Mark@kb9rqz.aprs wrote:
>> On 26 Dec 2006 09:27:40 -0800, "Andy the Perv Timberlake"
>> <andy_theperv_timberlake@yahoo.com> wrote:
>>
>> >The Demon Princess of Obtusity blathered in a syphilitic rage:
>> >> On Mon, 25 Dec 2006 12:30:45 -0500, Wabbit, posting as Mark@kb9rqz.aspr,
>> >> did the cha-cha, and screamed:
>> >>
>> >> > ok I back four anoter tuff day on the news grupes it my job tast is waht
>> >> > I
>> >> > do so bringit on you loosers
>> >> > show-na-to-va (that is the greeting for this time of year as JEW
>> >> > rendered
>> >> > phonicticaly)
>> >> > happy new years it means and it can be better one if Wismen Robson and SC
>> >> > a few just decided to not to be as hateful with the punce gotcha he
>> >> > wonders why I simple don't bother to ty impoving my spelling do u hav
>> >> > anyting
>> >> > cognet two say?
>> >>
>> >> Yes. I do hope the FNVW remembers Wabbit for the Edmond Wollmann
>> >> Memorial Rubber Xmas Turkey. Chung shouldn't always get it.
>> >
>> >Just like you hope to remember how your daddy gives you your xmas
>> >present from behind without K-Y and pressing down on your zit filled
>> >back, no doubt.
>> stick to Hal tuner he might be dumb enough for you to tackle
>
>What's a "Hal tuner?" Is that what they used on the computer in 2001: A
>Space Odyssey, you fucking illiterate faggot?

you know who he is he has threatened your murder woger and sadly I
feel that is the only hope you have for release form your sad and
sorry mental state
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com
```

4343. steve veraion of christmas cheer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 17:46:41 UTC
From: Mark@kb9rqz.aprs
Message-ID: <qrn2p216mh3m91ov6h3g4ncde20ntckhg4@4ax.com>
Source record: 47617
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

On 26 Dec 2006 09:35:32 -0800, "Andy the Perv Timberlake"
<andy_theperv_timberlake@yahoo.com> wrote:

>
>Mark@kb9rqz.aprs wrote:
>> On 17 Dec 2006 12:36:02 -0800, "Not Cocksucker Lloyd"
>> <not_time_turd_lloyd@yahoo.com> wrote:
>>
>> >
>> >Mark@kb9rqz.aprs wrote:
>> >> On 17 Dec 2006 07:42:28 -0800, "K4YZ" <stevenrobeson@aol.com>
>> >> wrote:Re: "Mark C Morgan" Is What Happens When The Short Yellow Bus
>> >> Takes A Detour
>> >>
>> >>
>> >> stop being such absolute horror of a human being
>> >>
>> >> you have admited you post this way becuase it entertains like you were
>> >> posting at one the RAPE was funny too
>> >
>> >You are the one who claimed to enjoy being raped, Marqueer.
>>
>> lying again woger
>
>You admitted it on here.

no woger
>
>> >
>> >BTW, what happened to your statement that if they drop the code you
>> >were out of here for good? Looks like you lied again!
>>
>> woger I said I would leave when I could sign kb9rqz/ae
>
>Nope you siad you'd leave once they dropped the code requirement.

stop lying woger
>
>> can't do that yet
>
>You'll never be able to do it, retard.

saure I will be able to sign kb9rqz/ae soon enough mostly a matter of
finding a test sesion I can easily get to the weather is runing cold

and snow/icey
>
>> but you can't tell the truth
>
>Oh, the irony.

you can't tell the truth that is why you spread Steve version of
christmass cheer

becuase you can't even invent your own lies you need someone to do it
for you
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4344. QSL Cards

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 19:09:21 UTC
From: "qslcanadagroups@gmail.com" <qslcanadagroups@gmail.com>
Message-ID: <1167160161.644579.203860@73g2000cwn.googlegroups.com>
Source record: 47618

Name: Kirill
Call: VE3AXC

Merry Christmas and Happy New Year everyone! I will be a subscriber of this forum from now on, so nice meeting everybody!

On this note, please allow me to stray a bit off this forum's topic but my info might still be relevant for some. I myself have been a ham for 8 years; also run a small QSL card printing business (my printishop is located in Toronto, Canada) and have a web site specifically dedicated to that www.qslcanada.com

Reason I would like to post this message on this forum is to let your group know that I have a pretty good group referral discount program.

The idea is quite simple and there is no catch.... For each HAM who is referred by you and who wishes to place an minimum order of 500 cards, you would receive 100 (custom designed) cards of the same type free of charge. The offer is transferable, so if for example you let me know that you don't need any more cards, I will be happy to print additional 100 cards for your friend free of charge (or charge for 100 cards less)

This offer may be ideal for your group or a club you belong to. For example, if you
refer say 3 HAMs who would like to print a minimum 500 cards for themselves, you would receive 300 cards as appreciation for spreading the word about qslcanada
; you could transfer it to someone as a gift ; or each of 3 Hams would only pay
for 400 cards, since each one will get 100 cards free. To sum it up, each of the referral counts as 100 free cards in any shape or form. Pse let me know if you have any questions.

So if bunch of Hams in this group who are into QSLing might be interested to giving someone a free gift or getting a good deal on the next batch, pse let me know. The offer is valid any time in future. www.qslcanada.com has quite a bit of samples, more info and e-ham reviews

PS Have got to mention this, since it did happen before, where some folks took this posting too personally. I just wanted to get this info out there ONE TIME ONLY! Please don't call me any spammer names or hate mail me. I believe this to be a fair group offer any hams by hams enterprise deserves a little exposure to start out with.

I will try to participate in this group from now on, so best 73 to everyone! Happy New Year!

4345. Re: UPDATE: Question about 20-meter monoband vertical (kinda long - antenna gurus welcome)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 20:24:24 UTC
From: Steve Reinhardt <stevereinhardt@noearthspamlink.net>
Message-ID: <Zxfkh.18$SF4.17@newsfe03.lga>
Source record: 47619

Zommbee wrote:
>> I just put up a 20 meter monoband today. Been working on it for
>> a week of nights, and got it in the air when I got off work today early.
>> I used the 234/f formula and cut it for around 14.100 mHz which
>> gave a length of 16 feet 7 inches. [snip]
>
>
> Thanks for all the replies. I added about a foot to all 4 radials and now
> the antenna has an unreadable SWR (1.0+something small) from 14.005
> to 14.200, where it barely starts to wiggle the needle! I had no idea a
> mono-band vertical was SO BROAD! Now most medium distance
> stations (1500 - 2500 miles and up) are easily 2 S-units above my 200'
> wire. Seems to be working quite well!
>
> Thanks for all the assitance
>
> Dave WB7AWK
>
>

And thank you for doing much of my work for me! I was planning to put up
such an antenna (20 M ground plane vertical)a few weeks ago. Your post,
and the replies to it, will allow me to erect and tune mine quite a bit
faster.

Thanks for the Xmas present!

73's

Steve
W1KF

4346. [Off Topic] QRA? QCX?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 20:51:11 UTC
From: lu6etj <lu6etj@gmail.com>
Message-ID: <1167166270.917806.294900@n51g2000cwc.googlegroups.com>
Source record: 47620

Dear friends: I have a doubt. All of my life (for me and the others
local Hams), QRA = Call sign.

Recently a colleage said me - No... Call sign is QCX - . I don't knew
QCX, but I found it searching the web, Q code listings says:

QRA = The name of my station is...
QCX = My full call sign is...

How old is QCX Q code?

Some stations (no Ham, of course) has a name and a call sign,
broadcasting, coastals , etc.

What do you think about it?

Miguel Ghezzi (LU 6ETJ)

4347. Mechanics of AC current flow - ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 21:04:14 UTC
From: k1drw <k1drw@comcast.net>
Message-ID: <1167167054.718747.134870@i12g2000cwa.googlegroups.com>
Source record: 47621

I have a question about AC Circuitry (as it relates to my antenna system) where I cannot seem to arrive at an answer by reading reference material:

RE: The mechanics of current flow as it relates to a 1/4~ vertical working against ground and separately, in comparison as it relates to the dipole elements.

Is an AC circuit like DC, whereas there must be a ground return path for a "flow" to happen ?

RE Dipole: If yes, then I get confused when thinking about ac current flow relative to a dipole antenna. I can image current flow on the center conductor side, since it seems the current +/- can keep going back and forth from the transceiver to the end of the antenna element (independent of the braid or other half side). But, it is hard to understand how current can go back and forth on the braid side, since it has a path to ground. Seems like on the braid side the current would make its way down to the end of the dipole element and then start back, but go right to the low impedance ground and be gone.

RE: Vertical 1/4~: Again, here I image the ground side of the AC circuit works as described above. But I read references to radials on the ground side "collecting and returning ground currents" and that confuses me. Returning currents to where ?, the current as pushed out on the braid side seems to be where it was supposed to go - to ground.

Do both "legs" of AC current push out on the + and "pull" back on the - , independent of 'ground' ?

I don't have an elec or engnr backgound so if you please to help me understand, please try hard to keep it very basic. I just cannot use math and AC formulas yet.

thanks, and 73, dennis

4348. Re: Mechanics of AC current flow - ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 21:57:11 UTC
From: Dave Oldridge <doldridg@leavethisoutshaw.ca>
Message-ID: <Xns98A58DEF5B99Ddoldridgsprintca@64.59.135.159>
Source record: 47622

"k1drw" <k1drw@comcast.net> wrote in news:1167167054.718747.134870
@i12g2000cwa.googlegroups.com:

> I have a question about AC Circuitry (as it relates to my antenna
> system) where I cannot seem to arrive at an answer by reading reference
> material:
>
> RE: The mechanics of current flow as it relates to a 1/4~ vertical
> working against ground and separately, in comparison as it relates to
> the dipole elements.
>
> Is an AC circuit like DC, whereas there must be a ground return path
> for a "flow" to happen ?
>
> RE Dipole: If yes, then I get confused when thinking about ac current
> flow relative to a dipole antenna. I can image current flow on the
> center conductor side, since it seems the current +/- can keep going
> back and forth from the transceiver to the end of the antenna element
> (independent of the braid or other half side). But, it is hard to
> understand how current can go back and forth on the braid side, since
> it has a path to ground. Seems like on the braid side the current would
> make its way down to the end of the dipole element and then start back,
> but go right to the low impedance ground and be gone.
>
> RE: Vertical 1/4~: Again, here I image the ground side of the AC
> circuit works as described above. But I read references to radials on
> the ground side "collecting and returning ground currents" and that
> confuses me. Returning currents to where ?, the current as pushed out
> on the braid side seems to be where it was supposed to go - to ground.

> Do both "legs" of AC current push out on the + and "pull" back on the -
> , independent of 'ground' ?
>
> I don't have an elec or engnr backgound so if you please to help me
> understand, please try hard to keep it very basic. I just cannot use
> math and AC formulas yet.

You can sometimes model an antenna as a set of lumped circuit constants,
but, in actual fact, at least one of these must represent the induced
impedance of the space around it. After all, that's what the antenna
really is--a device to couple energy from the feedline into the space
surrounding the antenna, where it will be lost to radiation.

I realize this isn't going to be that satisfactory an answer. Ground
currents do flow in radials and, because they (theoretically) flow equally

in opposite directions should add up to close to ZERO at the coax braid.

The current at the base of the antenna is high (the only thing keeping it from trying to be a short circuit is the radiation resistance and any resistive losses in the antenna itself). But it need not be matched by any currents elsewhere. It IS "matched" by the induced radiation in free space, though.

--
Dave Oldridge+
ICQ 1800667

4349. Re: RoomCap Antenna

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 22:09:15 UTC
From: hb9abx@freesurf.ch
Message-ID: <1167170955.348600.234450@h40g2000cwb.googlegroups.com>
Source record: 47623

Let's come back to the subject here, the RoomCap
antenna:

Read what wrote a builder of the antenna:
Paul VE3UNF was answering my question, if his report is a joke, with
the following reply:

I am 60 years old - a retired airline pilot whom has flown all over the
world from small turbo props, right up to the Boeing 747 with over
21,000.0 flying hours.

I have been building antennas off and on now for 15 years at my various
QTH's.
Most of the antennas I have built came from various antenna books which
were mainly stealth type antennas, as
most of my past QTH's were in deed restricted locations. eg . attic
antennas , hidden wire antennas, vertical
antennas off of balconies, short dipoles with traps, the list goes on
and on and I have never been able to make
an antenna that for it's size can perform at all, or as well as, or
outperform this G5RV.

I moved to this location in Florida last year which has an acre and a
half and was able to build this G5RV shortly thereafter.

After reading up on your other antennas and now this antenna. I decided
to build the RoomCap out of curiosity,
-- just to see how well it performed -- in the chance that if it did
give a reasonable account of itself, -- it would be beneficial to all
those hams that I know, that cannot put up a very visible antenna -- as
I remembered how difficult and frustrating it was for me to just get on
the air when I was in Toronto. Well, I built it and I was pleasantly
surprised.

I am going to continue to test this antenna with the G5RV and keep
recording the results irregardless of what anyone says.

If any of these armchair electronic communiction antenna experts want
to keep debunking it with their idea of the laws of physics without
reading all your theories on it--Well so be it, with their ignorance .
They obviously have thousands of dollars invested in their huge beams
and don't care about the poor guys that have to live in deed restricted
areas, who could greatly benefit from this. It would be great if they
could keep an open mind and just start listening to some of the other
reports that will be coming in from other builders.

Like I said before, I have built many many small and large wire
antennas only to have little to mediocre performance. Your antenna just
blew me away with it's performance.

Even though I am not an antenna expert - I know antenna performance
when I see it. I don't care if it defies the laws of physics or you
have come up with some new technological break through --
it bloody works and that's all there is to it .
I really don't care if these so called experts don't believe us. They
can just keep their ignoramist heads stuck in the sand and keep
studying and memorizing the old formulas in their old physics books
till they are blue in the face.

Thanks , -- Paul VE3UNF

John Smith wrote:

> Sal M. Onella wrote:
> > Blasphemy ought to have a point -- and I had the misfortune to open
> this on
>...
>
> Very sorry you feel that way OM. Because your opinion matters to me, I
> have went to the time and expense of setting up a special support
> hotline for you. ...
> JS

4350. Re: [Off Topic] QRA? QCX?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 22:25:56 UTC
From: Caveat Lector <CL@nowhere.com>
Message-ID: <Tjhkh.56565$0D2.4417@newsfe15.phx>
Source record: 47624

Don't know how old QCX is but Q-codes date back to 1912 -- see URL:

http://www.kloth.net/radio/qcodes.php

Many Q-Codes listed there as well

Happy Holidays --- CL

"lu6etj" <lu6etj@gmail.com> wrote in message
news:1167166270.917806.294900@n51g2000cwc.googlegroups.com...
> Dear friends: I have a doubt. All of my life (for me and the others
> local Hams), QRA = Call sign.
>
> Recently a colleage said me - No... Call sign is QCX - . I don't knew
> QCX, but I found it searching the web, Q code listings says:
>
> QRA = The name of my station is...
> QCX = My full call sign is...
>
> How old is QCX Q code?
>
> Some stations (no Ham, of course) has a name and a call sign,
> broadcasting, coastals , etc.
>
> What do you think about it?
>
> Miguel Ghezzi (LU 6ETJ)
>

4351. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 22:29:01 UTC
From: chuck <nospam@nospam.org>
Message-ID: <1167172211_1273@sp6iad.superfeed.net>
Source record: 47625

Dave wrote:

> i have a feeling that what you will find is that the individual charges on
> drops, flakes, and dust is too small to be detected by a normal amateur
> receiver. However, the electric field that must accompany them is what
> generates the corona effects that can be heard. Just think about it, how do
> small particles get charged without also generating a larger bulk field?
> The effect that charges the particles, be it dry friction from wind on dust,
> or freezing and convection in clouds (any cloud, not just those with enough
> charge to generate lightning) is not an individual particle effect, it
> happens to many, many particles at once which cumulatively create a much
> larger electric field than any one of them alone could create. And while
> the charge transfer of small drops striking a conductor may not be enough to
> stimulate a receiver the corona caused by the accumulated field over the
> whole height of the structure can be significant.
>
>
Charges can be accumulated on objects so as to produce a corona
breakdown in many ways. I think this is one of our fundamental starting
points and hopefully, was never in question. The separation of charges
can be accomplished by a variety of techniques, not all well-understood.

A moving cloud of charged particles can induce very large charges into a
grounded conductor. A sufficient concentration of charge at pointed
components of the conductor will produce a corona. The corona plainly
radiates "noise" that is detected by our receivers.

There is less certainty about whether an ungrounded conductor (say, an
unattached wire) can be made to produce a corona via electrostatic
induction. As I wrote in an earlier post in this thread, an ungrounded
conductor cannot be charged by an external field, but the distribution
of charges preexisting on the conductor can be affected by the field,
perhaps causing coronal discharges. I recall writing that uneven
discharges of the positive and negative "ends" of the conductor could
even leave the conductor with a net charge.

Your points are good ones, Dave, and worth keeping in mind.

73,

Chuck

----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

4352. Re: Mechanics of AC current flow - ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 22:43:01 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Vzhkh.41441$wP1.18319@newssvr14.news.prodigy.net>
Source record: 47527

k1drw wrote:
> Seems like on the braid side the current would
> make its way down to the end of the dipole element and then start back,
> but go right to the low impedance ground and be gone.

Except it is not DC. If that coax is an odd multiple
of 1/4 wavelengths long, the impedance looking down
the outside of the braid is very, very high. Or if
a choke is installed on the coax, the impedance may
be very high. On a macro scale, RF obeys the rules
of the distributed network model and doesn't respond
like DC.
--
73, Cecil http://www.w5dxp.com

4353. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 22:43:46 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <CAhkh.431$Xr.330@trnddc04>
Source record: 47526

Hi Art

Thanks for taking your time to direct me to some very complex thinking.
But, I'm a rather simple guy who isnt well educated. You apparently expect
a "just regular guy" like me to understand the ccomplex convoluted
theoretical stuff that you write about.
When I did work as an antenna design engineer, years ago, I saw some of my
buddies working on the distribution of energy across apertures in an effort
to shape beams. One of their considerations was to decrease the power to
the elements as they were more distant from the center of the array. I
remember reading that when the power is tapered to provide a distribution
about equivalent to a Gaussian Distribution, the side lobes were minimal.

I really enjoy thinking about real antenna construction projects. but,
when it gets to the Maxwell's Equation kind of analysis, I get lost. I dont
even know what a Vector is.
You may have the wrong impression about me, Art, I'm an old guy who wants
to have fun with antennas. It isnt necessary for you to tell me to "get back
to basics". I dont have interest in the "basics" you refer to.

Is it possible for you to tell us (me) what you are referring to without
referring to Vectors, Gauss's law, Lorentz, "Nagi", and even elementary
calculus? Frankly, Art, you confuse me when you write such scholarly
paragraphs. You and I are so far removed from each other intellectually
that I can never keep up with your texts.

Jerry

"art" <aunwin@insightbb.com> wrote in message
news:1167167953.784946.88350@h40g2000cwb.googlegroups.com...
> Jerry, get back to basics and look up a conservative field relative to
> Gaussian law.
> Step 1
> It is a group of electric charges with an addition vector of zero. So
> move backwards and remove that vector if you wish and you have a
> gaussian field of electrical charges which in the case of a bunch of
> resonant elements can be seen as all positive or all negative charges
> and we also know that Gaussian law is valid even for enclosed charges
> in motion.
>
> Step 2 The vector that we removed is known as curl but at this time nit
> has no valu is the samee tho the vector direction is known.
> Step 3 Faraday's law of Induced electromotive force. This is somewhat
> opposite to the consevative field in terms of rotation but in relative
> terms it where the consevative field is revolving around a magnetic
> field (hopefully you can visualise this) So we have a charge q in an

> element of length ds, which element, at the instant considered has
> velocity u,experiences a force. Now I know some have difficulty with
> what I said earlier with respect to adding " at an instant of time) to
> Gausses law which is the same length of time referred to above as " at
> the instant considered "
>
> Gtep 4 We then examine Lorentz equation which refers to an induced
> electric field which is present when, for example the magnetic field is
> changing with time such that
> v1 = 1/q integral F.ds. You can now see that any CONSERVATIVE force
> that might be included in F would integrate to zero thus ommiting any
> electrostatic field that might be present Note again faradays law, it
> is valid regardloess of the nature of the factor or factors responsible
> for change in magnetic flux. So now the overview of the cluster of
> resonant elements projected a conservative field with a magnetic vector
> of zero reflecting" an instant of time" with respect to resonant
> elements and where the magnetic field will provide
> motion to the electrostatic field where all charges will exibit the
> same direction of charge and will change in unison
>
> Now no amount of writing will get you to understand this flow of
> concept if you are not willing to have an open mind or think around
> something that at the present time you fail to understand and are not
> willing to rethink thing, possibly in a different way than I presented
> it.
>
> If you are so inclined you can go back further in history and play with
> the 4 vertical array of elements formed by Nagi to obtain possible
> insights since he also worked with an array of vertical elements all of
> which were resonant. His work has been rechecked via Matlab and found
> to be correct so you have a viable path to follow if you have a modicom
> of interest in this new concept. It must be noted that the above is
> only a partial description of the concept
> because I have yet to add a detuned element for directional purposes
> for the radiation field.
>
> There is nothing more that I can add that will persuade you to follow
> thru with this concept
> so I believe I have now reached the Rubicon with respect to this vision
> of mine. If you can't understand it now put it down to me not being
> smart enough to explain clearly electromagnetics to those skilled in
> the art which I am now finding to be a hopeless task at least here in
> the U.S. unless one can read it in a book and memorise it so one can
> pass an exam..
> Art
>
>
>
>
>

>
>
>
> Jerry Martes wrote:
>> "JIMMIE" <JIMMIEDEE123@YAHOO.COM> wrote in message
>> news:1166838834.614006.26080@i12g2000cwa.googlegroups.com...
>> >
>> > Dave wrote:
>> >> "art" <aunwin@insightbb.com> wrote in message
>> >> news:1166543181.269834.203030@f1g2000cwa.googlegroups.com...
>> >> > In the thread Rain static I referred to a closed surface which is
>> >> > clearly
>> >> > defined by Gauss's law.
>> >>
>> >> Gauss's law doesn't define a surface, the surface is any arbitrary
>> >> surface
>> >> surrounding a charge.
>> >>
>> >> >Let us now look at a time vary field applied to
>> >> >
>> >> > a dielectric. I fht efield is applied for the shortest of time the
>> >> > charges
>> >> > will stay on the surface. If time is longer than the shortest space
>> >> > of
>> >> > time
>> >>
>> >> you make it sound like there is some 'shortest' time where charges
>> >> won't
>> >> move. this is not true. no matter how short you make the time it will
>> >> move
>> >> the charges.
>> >>
>> >> > then charges will openetrate the closed surface. If the surface is
>> >> > an
>> >> > insulator type then it takes a long while to penetrate but if the
>> >> > surface
>> >>
>> >> Here you mix up 'surface' and 'surface'. the gauss's law 'surface' is
>> >> a
>> >> mathematically useful construction around a charge, it does not have
>> >> any
>> >> charge 'on' it, nor is there any 'penetration' of it by charge in
>> >> gauss's
>> >> law. it is strictly a non-material thing that is used only for
>> >> calculation
>> >> purposes.
>> >>
>> >> > is a good conductor then the charges will penetrate very quickly so
>> >> > we can associate the time constant of penetration to the subject of
>> >> > skin depth. If we are to associate the time varying field to a

>> >> > gaussian field
>> >>
>> >> you have yet to define a 'gaussian field'. gauss's law applies to
>> >> electric
>> >> fields and their relation to charges.
>> >>
>> >> > all the excess charges must be on the surface by law.
>> >>
>> >> only in a 'perfect' conductor. dielectrics and 'empty' space can have
>> >> distributed charges throughout.
>> >>
>> >> >Or in other words
>> >> > the time evolved must be shorter than the time required to begin
>> >> > penetration.
>> >>
>> >> huh? it just goes down hill from here. write some equations, do some
>> >> drawings, publish a manuscript. all the rest is empty handwaving
>> >> based
>> >> on
>> >> incorrect assumptions and missing definitions.
>> >>
>> >> > Thus for a short space of time all charges are on the surface and
>> >> > the
>> >> > charges
>> >> > have a magnhe radiating eneetic and electric field vectors. Just
>> >> > having
>> >> > charges is not enough to convert to a gaussian field in that a
>> >> > gaussian
>> >> > field must be in equilibrium thus a cluster of elements
>> >> > must have the direction of the surface charges change in unison. For
>> >> > a
>> >> > cluster of elements to do this they must all be resonant such that
>> >> > the
>> >> > charges reach the ends of the elements at the same time. Resonance
>> >> > of
>> >> > an element is determined by its diameter and its length and because
>> >> > it
>> >> > is coupled to other elements in the cluster the coupling must be
>> >> > taken
>> >> > into account to secure resonance of not only the individual elements
>> >> > but of the cluster as a whole. When this is accomplished the charges
>> >> > on
>> >> > the surface of the closed volume are in equilibrium but onty for
>> >> > that
>> >> > shortest of short time and where that time is added to the gaussian
>> >> > formulae for the transition to be complete. For the Gaussian field
>> >> > or
>> >> > volume we can say the energy inside the gaussian field is equal to
>> >> > that
>> >> > supplied by flux to the outside of the border and remember the flux

>> >> > inside consists of magnetic and electric vectoirs. We now can say
>> >> > that
>> >> > in a moment of time the flux produced from each element that
>> >> > breaches
>> >> > the border in summation with the other elements is equal to the
>> >> > radiating field outside of the border when each element energy makes
>> >> > the transmittion. Thus the summation of each of the clustered
>> >> > elements
>> >> > individual energy when the vectors are given a value
>> >> > must equal the flux on the outside of the border that produces
>> >> > radiation. We also know that if we have a cluster of elements that
>> >> > are
>> >> > clustered together we can obtain radiation by just applying a time
>> >> > varing field to just one of the elements and by virtue of
>> >> > intercoupling
>> >> > all the radiating energy
>> >> > will leave the near field. Thus we have two different methods of
>> >> > determining the value of the radiated field
>> >> > ! radiation from the clustered within a Gaussian field and
>> >> > 2 radiation from an array of coupled elements
>> >> > Since the elements within the cluster are all of the same "Q'" the
>> >> > determination of all factors
>> >> > in the resulting equation are simplified to Ohms law and where the
>> >> > laborious coupling calculations
>> >> > are omitted. The above describes in first principles as to how a
>> >> > Gaussian field in a short space of time can be equated to a
>> >> > radiating
>> >> > cluster using existing laws of the masters which also embraces NEC
>> >> > code. Now many have said I have no understanding of radiation
>> >> > concepts
>> >> > so go ahead and tear this apart and have a merry Xmas doing it
>> >> > Art Unwin KB9MZ.....XG
>> >> >
>> >
>> > It appears Art has picked up some phrases haphazardly and is trying to
>> > apply them to antennas some how, If I remember correctly doesnt
>> > Gaussian field apply to statistical distribution. Been a long time
>> > since I had statistical analysis back in the early 70s but I think this
>> > is also refered to as a "normal distribution".
>>
>> Hi Jimmy
>>
>> By my standards, you are *Right On* on all you wrote. I'm pretty sure
>> Gaussian distribution of power across a radiating plane results
>> (theoretically) in zero side lobes, That is also a very poor
>> distribution
>> when gain is a goal. I think the term Normal is synonymous with
>> Gaussian
>> when referring to aperture distribution.
>>

>> Jerry
>

4354. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-26 22:46:48 UTC
From: Dave <noone@nowhere.com>
Message-ID: <s7OdnZSB8fvEOwzYnZ2dnUVZ_oytnZ2d@crocker.com>
Source record: 47528

"chuck" <nospam@nospam.org> wrote in message
news:1167172211_1273@sp6iad.superfeed.net...
> Dave wrote:
>
>> i have a feeling that what you will find is that the individual charges
>> on drops, flakes, and dust is too small to be detected by a normal
>> amateur receiver. However, the electric field that must accompany them
>> is what generates the corona effects that can be heard. Just think about
>> it, how do small particles get charged without also generating a larger
>> bulk field? The effect that charges the particles, be it dry friction
>> from wind on dust, or freezing and convection in clouds (any cloud, not
>> just those with enough charge to generate lightning) is not an individual
>> particle effect, it happens to many, many particles at once which
>> cumulatively create a much larger electric field than any one of them
>> alone could create. And while the charge transfer of small drops
>> striking a conductor may not be enough to stimulate a receiver the corona
>> caused by the accumulated field over the whole height of the structure
>> can be significant.
> Charges can be accumulated on objects so as to produce a corona breakdown
> in many ways. I think this is one of our fundamental starting points and
> hopefully, was never in question. The separation of charges can be
> accomplished by a variety of techniques, not all well-understood.
>
> A moving cloud of charged particles can induce very large charges into a
> grounded conductor. A sufficient concentration of charge at pointed
> components of the conductor will produce a corona. The corona plainly
> radiates "noise" that is detected by our receivers.
>
> There is less certainty about whether an ungrounded conductor (say, an
> unattached wire) can be made to produce a corona via electrostatic
> induction. As I wrote in an earlier post in this thread, an ungrounded
> conductor cannot be charged by an external field, but the distribution of
> charges preexisting on the conductor can be affected by the field, perhaps
> causing coronal discharges. I recall writing that uneven discharges of the
> positive and negative "ends" of the conductor could even leave the
> conductor with a net charge.
>
> Your points are good ones, Dave, and worth keeping in mind.

floating conductors can definitely create corona. this can be seen in
corona camera pictures of power line insulators and other hardware that is
insulated but still in the high field near a power line. even water drops
on insulators can cause corona in a very strong field. and even if you get
away from power line stuff, a leyden jar has an insulated conductor and it

can obviously be charged, as can aircraft... and if they accumulate enough charge they can cause corona.

4355. Re: Mechanics of AC current flow - ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 00:17:44 UTC
From: k1drw <k1drw@comcast.net>
Message-ID: <1167178664.598219.275570@h40g2000cwb.googlegroups.com>
Source record: 47529

You are correct Dave, I did not get much out of your response. Again, my knowledge and experience level is such that I have no idea what a lumped circuit constant is.

What is the current flow as it leaves the transceiver, down each of the two pieces of the coax, in very fundamental terms ? Is there a picture or an animation you can point me to so that I may visualize what is actually happening (assuming no impedance mismatch).

I am having difficulty visualizing the current flow in the circuit. Going beyond that with a description of other activity and components and variables, is not what I am hoping to understand initially. When you say "current at the base of the antenna is high", that still does not help me visualize what is actually, fundamentally happening. Current is flowing, ok, I assume up and down the coax on both conductors (+ and -) and into the antenna elements. Referring back to my original post, for the 1/4~ vertical, current is flowing into the vertical radiator via the coax center conductor and into the ground radials from the inside face of the coax shield. I seem to think that current is also flowing into the radials from other sources, but input from the tail end of the radials. Now what.? Does the current flow go back to the source (the transceiver) and then turn around and combine with more current coming out of the transceiver ? What for ? Why is current flowing into the radials from the transceiver - what purpose ? I can see the purpose of current flowing into the upright vertical element and being radiated. I don't understand the PURPOSE and disposition of current flowing into the radials from either source.

I really want to understand this fundamental concept but seem to have difficulty explaining myself because the responses are not anywhere near what I need explained in a very basic way.

If you would please take another shot at explaining what you think I am asking, it would be appreciated.

Same thing for Cecil. Just a very, very clear, basic explanation of the current flow in both pieces of the coax, into the antenna elements (on the vertical, the antenna 'elements' are the vertical radiator and the ground radials).

sincere thanks for any repsonse.

73, dennis

4356. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 00:47:38 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <Kojkh.7489$Rc5.4488@trnddc01>
Source record: 47530

Hi Art

I hurt my knee, so I have alot of time to spend on this computer right
now. I've been trying to develop skills with Roy's EZNEC. Can you send me
enough data on your concept as I'd need to model it with EZNEC?

I missed the point about the unsatisfactory aspects of a Yagi antenna.

Is there any similarity between your "cluster" and the Wullenweber" (?sp?)
antenna concept?

How are you able to measure the resistive component of an antenna's
terminal impedance then seperate it into two parts? You state that one
resistance is related to current below the surface and the other the current
that flows on the top of the surface.
What frequency band do you do your testing on?? You must have some very
good test equipment.

Is it easy for you to tell me why you want to avoid "reactiveness"?

Tell me how I can model your antenna with EZNEC.

Jerry

"art" <aunwin@insightbb.com> wrote in message
news:1167178264.386581.257980@h40g2000cwb.googlegroups.com...
> Jerh each otherry
> What I am doing is to get away from inline coupling of elements. The
> Yagi antenna is one of these where all the elements are in line. What I
> am doing is to arrange a a bunch of elements in a group or cluster such
> that each and all elements couple with each other rather than the the
> two elements along side. By doing this and yet making the bunch of
> elements resonant on their own as well as being driven by one element
> as with the normal antenna you have to make changes in either the
> length, dia or material of each element to compensate for all the other
> factors implanted on them by the proximity of all the other elements in
> the bunch or cluster. When this is done correctly the bunch of elements
> are in equilibrium with each other and where each element impedance is
> devoid or has reactance minimised. The reason for this aproach is the
> two resistances that you encounter are the resistance of the material
> used for the element which is where the current flows below the surface
> and the radiation resistance which is from the current that flows on
> top of the surface
> to produce radiation. Since it is radiation that we are concerned with
> only true resistance is of importance and where reactiveness in the
> impedances provide no benefit to radiation.
> The bottom line is that we want to avoid reactivenes whereas the yagi

> by coupling elements
> that are untuned or not resonant promotes reactiveness. An example of
> what this reactiveness does to an array is to make the value curves for
> gain, back to front and swr all peaking at different frequencies where
> as the ideal arrangement is to have all the curves peak near the same
> frequency so that when using the antenna across the band you have a
> fairly consistent gain figure instead of having to cut it at the high
> or low end of the band in a compromising effort. When building such an
> array you take advantage of height in the turning radius of the beam
> since you dont have to place all elements in a single line as with a
> yagi which imposes limits on antenna length. by utilising height of the
> array you can have a smaller rotating radius with the same gain of a
> yagi with a larger turning radius together with a bandwidth with
> smoothed variables.
> Hope that helps and clears some of the mystery away from clustered
> arrays. This aproach by the way also applies to vertical arrays from
> which you can get horizontal, vertical and circular radiation where
> each has its special place of use. Use of academic terms was only
> provided because some academics don't like change and want to see the
> same things they see in books and for some reason were taught that talk
> of statics in the same room as electromagnetics is blasphamy yet they
> cannot bring forward anything in the books that say they are totally
> separable. By the way I mentioned Nagy where as it should have been
> Brown who did so much in recent years in broadcasting and T.V.
> Have fun with antennas and don't get intimidated by those who learned
> things in College only to memorise and pass exams instead of using
> knoweledge to advance the quality of life.
> Best regards
> Art
>
>
> Jerry Martes wrote:
>> Hi Art
>>
>> Thanks for taking your time to direct me to some very complex thinking.
>> But, I'm a rather simple guy who isnt well educated. You apparently
>> expect
>> a "just regular guy" like me to understand the ccomplex convoluted
>> theoretical stuff that you write about.
>> When I did work as an antenna design engineer, years ago, I saw some of
>> my
>> buddies working on the distribution of energy across apertures in an
>> effort
>> to shape beams. One of their considerations was to decrease the power
>> to
>> the elements as they were more distant from the center of the array. I
>> remember reading that when the power is tapered to provide a distribution
>> about equivalent to a Gaussian Distribution, the side lobes were minimal.
>>
>> I really enjoy thinking about real antenna construction projects.

>> but,
>> when it gets to the Maxwell's Equation kind of analysis, I get lost. I
>> dont
>> even know what a Vector is.
>> You may have the wrong impression about me, Art, I'm an old guy who
>> wants
>> to have fun with antennas. It isnt necessary for you to tell me to "get
>> back
>> to basics". I dont have interest in the "basics" you refer to.
>>
>> Is it possible for you to tell us (me) what you are referring to
>> without
>> referring to Vectors, Gauss's law, Lorentz, "Nagi", and even elementary
>> calculus? Frankly, Art, you confuse me when you write such scholarly
>> paragraphs. You and I are so far removed from each other intellectually
>> that I can never keep up with your texts.
>>
>> Jerry
>>
>>
>> "art" <aunwin@insightbb.com> wrote in message
>> news:1167167953.784946.88350@h40g2000cwb.googlegroups.com...
>> > Jerry, get back to basics and look up a conservative field relative to
>> > Gaussian law.
>> > Step 1
>> > It is a group of electric charges with an addition vector of zero. So
>> > move backwards and remove that vector if you wish and you have a
>> > gaussian field of electrical charges which in the case of a bunch of
>> > resonant elements can be seen as all positive or all negative charges
>> > and we also know that Gaussian law is valid even for enclosed charges
>> > in motion.
>> >
>> > Step 2 The vector that we removed is known as curl but at this time nit
>> > has no valu is the samee tho the vector direction is known.
>> > Step 3 Faraday's law of Induced electromotive force. This is somewhat
>> > opposite to the consevative field in terms of rotation but in relative
>> > terms it where the consevative field is revolving around a magnetic
>> > field (hopefully you can visualise this) So we have a charge q in an
>> > element of length ds, which element, at the instant considered has
>> > velocity u,experiences a force. Now I know some have difficulty with
>> > what I said earlier with respect to adding " at an instant of time) to
>> > Gausses law which is the same length of time referred to above as " at
>> > the instant considered "
>> >
>> > Gtep 4 We then examine Lorentz equation which refers to an induced
>> > electric field which is present when, for example the magnetic field is
>> > changing with time such that
>> > v1 = 1/q integral F.ds. You can now see that any CONSERVATIVE force
>> > that might be included in F would integrate to zero thus ommiting any
>> > electrostatic field that might be present Note again faradays law, it

>> > is valid regardloess of the nature of the factor or factors responsible
>> > for change in magnetic flux. So now the overview of the cluster of
>> > resonant elements projected a conservative field with a magnetic vector
>> > of zero reflecting" an instant of time" with respect to resonant
>> > elements and where the magnetic field will provide
>> > motion to the electrostatic field where all charges will exibit the
>> > same direction of charge and will change in unison
>> >
>> > Now no amount of writing will get you to understand this flow of
>> > concept if you are not willing to have an open mind or think around
>> > something that at the present time you fail to understand and are not
>> > willing to rethink thing, possibly in a different way than I presented
>> > it.
>> >
>> > If you are so inclined you can go back further in history and play with
>> > the 4 vertical array of elements formed by Nagi to obtain possible
>> > insights since he also worked with an array of vertical elements all of
>> > which were resonant. His work has been rechecked via Matlab and found
>> > to be correct so you have a viable path to follow if you have a modicom
>> > of interest in this new concept. It must be noted that the above is
>> > only a partial description of the concept
>> > because I have yet to add a detuned element for directional purposes
>> > for the radiation field.
>> >
>> > There is nothing more that I can add that will persuade you to follow
>> > thru with this concept
>> > so I believe I have now reached the Rubicon with respect to this vision
>> > of mine. If you can't understand it now put it down to me not being
>> > smart enough to explain clearly electromagnetics to those skilled in
>> > the art which I am now finding to be a hopeless task at least here in
>> > the U.S. unless one can read it in a book and memorise it so one can
>> > pass an exam..
>> > Art
>> >
>> >
>> >
>> >
>> >
>> >
>> >
>> >
>> > Jerry Martes wrote:
>> >> "JIMMIE" <JIMMIEDEE123@YAHOO.COM> wrote in message
>> >> news:1166838834.614006.26080@i12g2000cwa.googlegroups.com...
>> >> >
>> >> > Dave wrote:
>> >> >> "art" <aunwin@insightbb.com> wrote in message
>> >> >> news:1166543181.269834.203030@f1g2000cwa.googlegroups.com...
>> >> >> > In the thread Rain static I referred to a closed surface which is
>> >> >> > clearly

>> >> >> > defined by Gauss's law.
>> >> >>
>> >> >> Gauss's law doesn't define a surface, the surface is any arbitrary
>> >> >> surface
>> >> >> surrounding a charge.
>> >> >>
>> >> >> >Let us now look at a time vary field applied to
>> >> >> >
>> >> >> > a dielectric. I fht efield is applied for the shortest of time
>> >> >> > the
>> >> >> > charges
>> >> >> > will stay on the surface. If time is longer than the shortest
>> >> >> > space
>> >> >> > of
>> >> >> > time
>> >> >>
>> >> >> you make it sound like there is some 'shortest' time where charges
>> >> >> won't
>> >> >> move. this is not true. no matter how short you make the time it
>> >> >> will
>> >> >> move
>> >> >> the charges.
>> >> >>
>> >> >> > then charges will openetrate the closed surface. If the surface
>> >> >> > is
>> >> >> > an
>> >> >> > insulator type then it takes a long while to penetrate but if the
>> >> >> > surface
>> >> >>
>> >> >> Here you mix up 'surface' and 'surface'. the gauss's law 'surface'
>> >> >> is
>> >> >> a
>> >> >> mathematically useful construction around a charge, it does not
>> >> >> have
>> >> >> any
>> >> >> charge 'on' it, nor is there any 'penetration' of it by charge in
>> >> >> gauss's
>> >> >> law. it is strictly a non-material thing that is used only for
>> >> >> calculation
>> >> >> purposes.
>> >> >>
>> >> >> > is a good conductor then the charges will penetrate very quickly
>> >> >> > so
>> >> >> > we can associate the time constant of penetration to the subject
>> >> >> > of
>> >> >> > skin depth. If we are to associate the time varying field to a
>> >> >> > gaussian field
>> >> >>
>> >> >> you have yet to define a 'gaussian field'. gauss's law applies to
>> >> >> electric

>> >> >> fields and their relation to charges.
>> >> >>
>> >> >> > all the excess charges must be on the surface by law.
>> >> >>
>> >> >> only in a 'perfect' conductor. dielectrics and 'empty' space can
>> >> >> have
>> >> >> distributed charges throughout.
>> >> >>
>> >> >> >Or in other words
>> >> >> > the time evolved must be shorter than the time required to begin
>> >> >> > penetration.
>> >> >>
>> >> >> huh? it just goes down hill from here. write some equations, do
>> >> >> some
>> >> >> drawings, publish a manuscript. all the rest is empty handwaving
>> >> >> based
>> >> >> on
>> >> >> incorrect assumptions and missing definitions.
>> >> >>
>> >> >> > Thus for a short space of time all charges are on the surface and
>> >> >> > the
>> >> >> > charges
>> >> >> > have a magnhe radiating eneetic and electric field vectors. Just
>> >> >> > having
>> >> >> > charges is not enough to convert to a gaussian field in that a
>> >> >> > gaussian
>> >> >> > field must be in equilibrium thus a cluster of elements
>> >> >> > must have the direction of the surface charges change in unison.
>> >> >> > For
>> >> >> > a
>> >> >> > cluster of elements to do this they must all be resonant such
>> >> >> > that
>> >> >> > the
>> >> >> > charges reach the ends of the elements at the same time.
>> >> >> > Resonance
>> >> >> > of
>> >> >> > an element is determined by its diameter and its length and
>> >> >> > because
>> >> >> > it
>> >> >> > is coupled to other elements in the cluster the coupling must be
>> >> >> > taken
>> >> >> > into account to secure resonance of not only the individual
>> >> >> > elements
>> >> >> > but of the cluster as a whole. When this is accomplished the
>> >> >> > charges
>> >> >> > on
>> >> >> > the surface of the closed volume are in equilibrium but onty for
>> >> >> > that
>> >> >> > shortest of short time and where that time is added to the
>> >> >> > gaussian

>> >> >> > formulae for the transition to be complete. For the Gaussian
>> >> >> > field
>> >> >> > or
>> >> >> > volume we can say the energy inside the gaussian field is equal
>> >> >> > to
>> >> >> > that
>> >> >> > supplied by flux to the outside of the border and remember the
>> >> >> > flux
>> >> >> > inside consists of magnetic and electric vectoirs. We now can say
>> >> >> > that
>> >> >> > in a moment of time the flux produced from each element that
>> >> >> > breaches
>> >> >> > the border in summation with the other elements is equal to the
>> >> >> > radiating field outside of the border when each element energy
>> >> >> > makes
>> >> >> > the transmittion. Thus the summation of each of the clustered
>> >> >> > elements
>> >> >> > individual energy when the vectors are given a value
>> >> >> > must equal the flux on the outside of the border that produces
>> >> >> > radiation. We also know that if we have a cluster of elements
>> >> >> > that
>> >> >> > are
>> >> >> > clustered together we can obtain radiation by just applying a
>> >> >> > time
>> >> >> > varing field to just one of the elements and by virtue of
>> >> >> > intercoupling
>> >> >> > all the radiating energy
>> >> >> > will leave the near field. Thus we have two different methods of
>> >> >> > determining the value of the radiated field
>> >> >> > ! radiation from the clustered within a Gaussian field and
>> >> >> > 2 radiation from an array of coupled elements
>> >> >> > Since the elements within the cluster are all of the same "Q'"
>> >> >> > the
>> >> >> > determination of all factors
>> >> >> > in the resulting equation are simplified to Ohms law and where
>> >> >> > the
>> >> >> > laborious coupling calculations
>> >> >> > are omitted. The above describes in first principles as to how a
>> >> >> > Gaussian field in a short space of time can be equated to a
>> >> >> > radiating
>> >> >> > cluster using existing laws of the masters which also embraces
>> >> >> > NEC
>> >> >> > code. Now many have said I have no understanding of radiation
>> >> >> > concepts
>> >> >> > so go ahead and tear this apart and have a merry Xmas doing it
>> >> >> > Art Unwin KB9MZ.....XG
>> >> >> >
>> >> >
>> >> > It appears Art has picked up some phrases haphazardly and is trying
>> >> > to

>> >> > apply them to antennas some how, If I remember correctly doesnt
>> >> > Gaussian field apply to statistical distribution. Been a long time
>> >> > since I had statistical analysis back in the early 70s but I think
>> >> > this
>> >> > is also refered to as a "normal distribution".
>> >>
>> >> Hi Jimmy
>> >>
>> >> By my standards, you are *Right On* on all you wrote. I'm pretty
>> >> sure
>> >> Gaussian distribution of power across a radiating plane results
>> >> (theoretically) in zero side lobes, That is also a very poor
>> >> distribution
>> >> when gain is a goal. I think the term Normal is synonymous with
>> >> Gaussian
>> >> when referring to aperture distribution.
>> >>
>> >> Jerry
>> >
>

4357. Re: morkins loves christmas cock

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 01:27:48 UTC
From: an_old_friend <kb9rqz69@hotmail.com>
Message-ID: <1167182868.801978.67080@79g2000cws.googlegroups.com>
Source record: 47531
Cross-posted to: alt.usenet.kooks,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

Mark@kb9rqz.aprs wrote:
> On 26 Dec 2006 09:35:32 -0800, "Andy the Perv Timberlake"
> <andy_theperv_timberlake@yahoo.com> wrote:
>
> >
> >Mark@kb9rqz.aprs wrote:
> >> On 17 Dec 2006 12:36:02 -0800, "Not Cocksucker Lloyd"
> >> <not_time_turd_lloyd@yahoo.com> wrote:
> >>
> >> >
> >> >Mark@kb9rqz.aprs wrote:
> >> >> On 17 Dec 2006 07:42:28 -0800, "K4YZ" <stevenrobeson@aol.com>
> >> >> wrote:Re: "Mark C Morgan" Is What Happens When The Short Yellow Bus
> >> >> Takes A Detour
> >> >>
> >> >>
> >> >> stop being such absolute horror of a human being
> >> >>
> >> >> you have admited you post this way becuase it entertains like you were
> >> >> posting at one the RAPE was funny too
> >> >
> >> >You are the one who claimed to enjoy being raped, Marqueer.
> >>
> >> lying again woger
> >
> >You admitted it on here.
>
> no woger
> >
> >> >
> >> >BTW, what happened to your statement that if they drop the code you
> >> >were out of here for good? Looks like you lied again!
> >>
> >> woger I said I would leave when I could sign kb9rqz/ae
> >
> >Nope you siad you'd leave once they dropped the code requirement.
>
> stop lying woger
> >
> >> can't do that yet
> >
> >You'll never be able to do it, retard.
>

> saure I will be able to sign kb9rqz/ae soon enough mostly a matter of
> finding a ve team who will let me suck them off for a ticket.

4358. Re: Mechanics of AC current flow - ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 01:53:41 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Fmkkh.362$ji1.269@newssvr12.news.prodigy.net>
Source record: 47532

k1drw wrote:
> Same thing for Cecil. Just a very, very clear, basic explanation of
> the current flow in both pieces of the coax, into the antenna elements
> (on the vertical, the antenna 'elements' are the vertical radiator and
> the ground radials).

Let's say we have two wires running out to a load.
If we hook a 12 volt battery to those two wires,
DC current flows out to the load through one of
the wires and back to the battery through the
other wire such that the current loop is closed.

With an AC signal, current flows out through one
wire and back through the other for 1/2 cycle.
It then reverses direction in both wires for
the other 1/2 cycle.

Coax is like those two wires. The center conductor
of the coax is one wire and the inside of the
coax braid is the other conductor. When current
is flowing out through the center conductor, it
is flowing back through the braid. 1/2 cycle later
both currents are reversed.

When current is flowing into the vertical antenna
element, an equal amount of current is flowing
out of the radials. 1/2 cycle later, current is
flowing out of the vertical antenna element and
into the radials. Radiation losses from the
antenna and radials make it look like there
might be a 35 ohm resistor attached to the
end of the coax instead of the antenna.
--
73, Cecil http://www.w5dxp.com

4359. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 02:04:47 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <3xkkh.1279$Ej7.102@trnddc02>
Source record: 47533

Hi Art

I have to tell you that I am beginning to loose interest in this thread.
I read about "equilibrium" and began to wonder what that meant in a
discussion about a cluster of radiators. Then, when you explained
equilibrium in terms of balloons, ball bearings and sweat, I began to
wonder if you are pulling my leg.

Now, I really feel like a guy who went snipe hunting and got left out
alone all night. You are playing with me, aren't you?? I asked for data
and dimensions so I could work *with* you to better understand your
"Cluster"
You reply to my request for information with sentences like this --

>Sound simple but there are difficulties, when you weaken the enclosing
> force it does produce a major hole for directive purposes however at
> the same time multiple fissures open in other areas which provides a
> leakage trail for the swerling innards such that radiative energy on a
> smaller scale still escaopes to form radiation in other areas than the
> forward direction envisioned.

If your goal is to show that I am too stupid to know when I am being
tricked, you won.

Jerry

"art" <aunwin@insightbb.com> wrote in message
news:1167181823.646582.21290@79g2000cws.googlegroups.com...
> Jerry,
> Let me take the opportunity of explaning the term equilibrium in a
> folksy sort of way
> to give you a better idea or insight to what it is really about.
> Basicaly when we talk of equilibrium we are talking about things that
> are somehow bound together. You often see in antenna books the squeezed
> ballon to show how energy is pushed from the rear to the front of the
> antenna, in that case the balloon is reacting or holding back the
> pressure inside the balloon so you can see in that case that the inside
> is in equilibrium by virtue of the holding power of the balloon.
> Another way of looking at equyilibrium is by placing a bunch of
> magnetised ball bearings that no matter how you juggle with them they
> stay together but you can't see any bag holding them together. Well in
> this case it is the magnetic energy holding things together instead of
> gravity taking over and pulling them apart one after the other. So how
> can we use this equilibrium glue thing when dealing with antennas? well
> you can see now that equoilibrium is really a stand off in forces, two
> people pushing against each other yet nothing is moving yet it is

> evident by the sweat that both men are working hard. Same way with the
> balloon that is holding all that radiation energy together and where
> the balloon is applying pressure on the energy inside of the balloon
> and like two men pushing there is no movement going on. If the balloon
> weakens somewhere you will see that the balloon will swoosh away in an
> undetermined direction but wait a minite if it is radiation energy we
> would sure like to push it all in the forward direction for maximum
> gain. So if we have a bunch of resonant elements in equilibrium
> containing the means for radiation we have to find a method of
> providing the break in a ideal position so that the innards are
> directed the same way. Well what we do with the bunch of radiating
> elements that are in equilibrium is to place another element into the
> bunch that is not resonant like it doesn't belong. What we find by
> doing thid is that all the radiation energy will swirl around striving
> to get to the weak part remembering that it is only when the energy
> escapes thru the hole can it start to produce a electrical and magnetic
> field which creates radiation , where as with a yagi the near field is
> produced immediatly the driven energy is provided and where the fields
> generate new field around each element it meets on its journey. So with
> equilibrium we can break it at any place we want to to provide
> directivenes where as with a yagi the radiation begins to start forming
> even tho it is being directed in many different directions. Naturally
> you can see the advantages of energy going in a single direction versus
> energy being bounced around
> until it sees daylight. So back to the beginning we have a bunch of
> elements that are resonant inside a surface like a balloon where if
> energy is applied to one of the elements it is sharedf with the other
> ele4ments immediatly without commensing the radiation trail and by
> placing a detuned element in the cluster we can chose the directiopn
> than the energy of each element takes and where it follows its
> predessesor in releasing its radiative energy.
> Sound simple but there are difficulties, when you weaken the enclosing
> force it does produce a major hole for directive purposes however at
> the same time multiple fissures open in other areas which provides a
> leakage trail for the swerling innards such that radiative energy on a
> smaller scale still escaopes to form radiation in other areas than the
> forward direction envisioned. The next person to come along will
> address this problem I am sure once presentented with the incentive
> that this new concept provides. No miricals but one step forward makes
> all things possible
> Regards
> Art
> art wrote:
>> Jerh each otherry
>> What I am doing is to get away from inline coupling of elements. The
>> Yagi antenna is one of these where all the elements are in line. What I
>> am doing is to arrange a a bunch of elements in a group or cluster such
>> that each and all elements couple with each other rather than the the
>> two elements along side. By doing this and yet making the bunch of
>> elements resonant on their own as well as being driven by one element

>> as with the normal antenna you have to make changes in either the
>> length, dia or material of each element to compensate for all the other
>> factors implanted on them by the proximity of all the other elements in
>> the bunch or cluster. When this is done correctly the bunch of elements
>> are in equilibrium with each other and where each element impedance is
>> devoid or has reactance minimised. The reason for this aproach is the
>> two resistances that you encounter are the resistance of the material
>> used for the element which is where the current flows below the surface
>> and the radiation resistance which is from the current that flows on
>> top of the surface
>> to produce radiation. Since it is radiation that we are concerned with
>> only true resistance is of importance and where reactiveness in the
>> impedances provide no benefit to radiation.
>> The bottom line is that we want to avoid reactivenes whereas the yagi
>> by coupling elements
>> that are untuned or not resonant promotes reactiveness. An example of
>> what this reactiveness does to an array is to make the value curves for
>> gain, back to front and swr all peaking at different frequencies where
>> as the ideal arrangement is to have all the curves peak near the same
>> frequency so that when using the antenna across the band you have a
>> fairly consistent gain figure instead of having to cut it at the high
>> or low end of the band in a compromising effort. When building such an
>> array you take advantage of height in the turning radius of the beam
>> since you dont have to place all elements in a single line as with a
>> yagi which imposes limits on antenna length. by utilising height of the
>> array you can have a smaller rotating radius with the same gain of a
>> yagi with a larger turning radius together with a bandwidth with
>> smoothed variables.
>> Hope that helps and clears some of the mystery away from clustered
>> arrays. This aproach by the way also applies to vertical arrays from
>> which you can get horizontal, vertical and circular radiation where
>> each has its special place of use. Use of academic terms was only
>> provided because some academics don't like change and want to see the
>> same things they see in books and for some reason were taught that talk
>> of statics in the same room as electromagnetics is blasphamy yet they
>> cannot bring forward anything in the books that say they are totally
>> separable. By the way I mentioned Nagy where as it should have been
>> Brown who did so much in recent years in broadcasting and T.V.
>> Have fun with antennas and don't get intimidated by those who learned
>> things in College only to memorise and pass exams instead of using
>> knoweledge to advance the quality of life.
>> Best regards
>> Art
>>
>>
>> Jerry Martes wrote:
>> > Hi Art
>> >
>> > Thanks for taking your time to direct me to some very complex
>> > thinking.

>> > But, I'm a rather simple guy who isnt well educated. You apparently
>> > expect
>> > a "just regular guy" like me to understand the ccomplex convoluted
>> > theoretical stuff that you write about.
>> > When I did work as an antenna design engineer, years ago, I saw some
>> > of my
>> > buddies working on the distribution of energy across apertures in an
>> > effort
>> > to shape beams. One of their considerations was to decrease the power
>> > to
>> > the elements as they were more distant from the center of the array. I
>> > remember reading that when the power is tapered to provide a
>> > distribution
>> > about equivalent to a Gaussian Distribution, the side lobes were
>> > minimal.
>> >
>> > I really enjoy thinking about real antenna construction projects.
>> > but,
>> > when it gets to the Maxwell's Equation kind of analysis, I get lost. I
>> > dont
>> > even know what a Vector is.
>> > You may have the wrong impression about me, Art, I'm an old guy who
>> > wants
>> > to have fun with antennas. It isnt necessary for you to tell me to "get
>> > back
>> > to basics". I dont have interest in the "basics" you refer to.
>> >
>> > Is it possible for you to tell us (me) what you are referring to
>> > without
>> > referring to Vectors, Gauss's law, Lorentz, "Nagi", and even elementary
>> > calculus? Frankly, Art, you confuse me when you write such scholarly
>> > paragraphs. You and I are so far removed from each other
>> > intellectually
>> > that I can never keep up with your texts.
>> >
>> > Jerry
>> >
>> >
>> > "art" <aunwin@insightbb.com> wrote in message
>> > news:1167167953.784946.88350@h40g2000cwb.googlegroups.com...
>> > > Jerry, get back to basics and look up a conservative field relative
>> > > to
>> > > Gaussian law.
>> > > Step 1
>> > > It is a group of electric charges with an addition vector of zero. So
>> > > move backwards and remove that vector if you wish and you have a
>> > > gaussian field of electrical charges which in the case of a bunch of
>> > > resonant elements can be seen as all positive or all negative charges
>> > > and we also know that Gaussian law is valid even for enclosed charges
>> > > in motion.

>> > >
>> > > Step 2 The vector that we removed is known as curl but at this time
>> > > nit
>> > > has no valu is the samee tho the vector direction is known.
>> > > Step 3 Faraday's law of Induced electromotive force. This is somewhat
>> > > opposite to the consevative field in terms of rotation but in
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>> > > field (hopefully you can visualise this) So we have a charge q in an
>> > > element of length ds, which element, at the instant considered has
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>> > > what I said earlier with respect to adding " at an instant of time)
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>> > > Gtep 4 We then examine Lorentz equation which refers to an induced
>> > > electric field which is present when, for example the magnetic field
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>> > > changing with time such that
>> > > v1 = 1/q integral F.ds. You can now see that any CONSERVATIVE force
>> > > that might be included in F would integrate to zero thus ommiting any
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>> > > is valid regardloess of the nature of the factor or factors
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>> > > elements and where the magnetic field will provide
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>> > > Now no amount of writing will get you to understand this flow of
>> > > concept if you are not willing to have an open mind or think around
>> > > something that at the present time you fail to understand and are not
>> > > willing to rethink thing, possibly in a different way than I
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>> > > it.
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>> > > If you are so inclined you can go back further in history and play
>> > > with
>> > > the 4 vertical array of elements formed by Nagi to obtain possible
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>> > >> >>
>> > >> >> Gauss's law doesn't define a surface, the surface is any
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>> > >> >> surface
>> > >> >> surrounding a charge.
>> > >> >>
>> > >> >> >Let us now look at a time vary field applied to
>> > >> >> >
>> > >> >> > a dielectric. I fht efield is applied for the shortest of time
>> > >> >> > the
>> > >> >> > charges
>> > >> >> > will stay on the surface. If time is longer than the shortest
>> > >> >> > space
>> > >> >> > of
>> > >> >> > time
>> > >> >>
>> > >> >> you make it sound like there is some 'shortest' time where

>> > >> >> charges
>> > >> >> won't
>> > >> >> move. this is not true. no matter how short you make the time it
>> > >> >> will
>> > >> >> move
>> > >> >> the charges.
>> > >> >>
>> > >> >> > then charges will openetrate the closed surface. If the surface
>> > >> >> > is
>> > >> >> > an
>> > >> >> > insulator type then it takes a long while to penetrate but if
>> > >> >> > the
>> > >> >> > surface
>> > >> >>
>> > >> >> Here you mix up 'surface' and 'surface'. the gauss's law
>> > >> >> 'surface' is
>> > >> >> a
>> > >> >> mathematically useful construction around a charge, it does not
>> > >> >> have
>> > >> >> any
>> > >> >> charge 'on' it, nor is there any 'penetration' of it by charge in
>> > >> >> gauss's
>> > >> >> law. it is strictly a non-material thing that is used only for
>> > >> >> calculation
>> > >> >> purposes.
>> > >> >>
>> > >> >> > is a good conductor then the charges will penetrate very
>> > >> >> > quickly so
>> > >> >> > we can associate the time constant of penetration to the
>> > >> >> > subject of
>> > >> >> > skin depth. If we are to associate the time varying field to a
>> > >> >> > gaussian field
>> > >> >>
>> > >> >> you have yet to define a 'gaussian field'. gauss's law applies
>> > >> >> to
>> > >> >> electric
>> > >> >> fields and their relation to charges.
>> > >> >>
>> > >> >> > all the excess charges must be on the surface by law.
>> > >> >>
>> > >> >> only in a 'perfect' conductor. dielectrics and 'empty' space can
>> > >> >> have
>> > >> >> distributed charges throughout.
>> > >> >>
>> > >> >> >Or in other words
>> > >> >> > the time evolved must be shorter than the time required to
>> > >> >> > begin
>> > >> >> > penetration.
>> > >> >>
>> > >> >> huh? it just goes down hill from here. write some equations, do

>> > >> >> some
>> > >> >> drawings, publish a manuscript. all the rest is empty handwaving
>> > >> >> based
>> > >> >> on
>> > >> >> incorrect assumptions and missing definitions.
>> > >> >>
>> > >> >> > Thus for a short space of time all charges are on the surface
>> > >> >> > and
>> > >> >> > the
>> > >> >> > charges
>> > >> >> > have a magnhe radiating eneetic and electric field vectors.
>> > >> >> > Just
>> > >> >> > having
>> > >> >> > charges is not enough to convert to a gaussian field in that a
>> > >> >> > gaussian
>> > >> >> > field must be in equilibrium thus a cluster of elements
>> > >> >> > must have the direction of the surface charges change in
>> > >> >> > unison. For
>> > >> >> > a
>> > >> >> > cluster of elements to do this they must all be resonant such
>> > >> >> > that
>> > >> >> > the
>> > >> >> > charges reach the ends of the elements at the same time.
>> > >> >> > Resonance
>> > >> >> > of
>> > >> >> > an element is determined by its diameter and its length and
>> > >> >> > because
>> > >> >> > it
>> > >> >> > is coupled to other elements in the cluster the coupling must
>> > >> >> > be
>> > >> >> > taken
>> > >> >> > into account to secure resonance of not only the individual
>> > >> >> > elements
>> > >> >> > but of the cluster as a whole. When this is accomplished the
>> > >> >> > charges
>> > >> >> > on
>> > >> >> > the surface of the closed volume are in equilibrium but onty
>> > >> >> > for
>> > >> >> > that
>> > >> >> > shortest of short time and where that time is added to the
>> > >> >> > gaussian
>> > >> >> > formulae for the transition to be complete. For the Gaussian
>> > >> >> > field
>> > >> >> > or
>> > >> >> > volume we can say the energy inside the gaussian field is equal
>> > >> >> > to
>> > >> >> > that
>> > >> >> > supplied by flux to the outside of the border and remember the
>> > >> >> > flux
>> > >> >> > inside consists of magnetic and electric vectoirs. We now can

>> > >> >> > say
>> > >> >> > that
>> > >> >> > in a moment of time the flux produced from each element that
>> > >> >> > breaches
>> > >> >> > the border in summation with the other elements is equal to the
>> > >> >> > radiating field outside of the border when each element energy
>> > >> >> > makes
>> > >> >> > the transmittion. Thus the summation of each of the clustered
>> > >> >> > elements
>> > >> >> > individual energy when the vectors are given a value
>> > >> >> > must equal the flux on the outside of the border that produces
>> > >> >> > radiation. We also know that if we have a cluster of elements
>> > >> >> > that
>> > >> >> > are
>> > >> >> > clustered together we can obtain radiation by just applying a
>> > >> >> > time
>> > >> >> > varing field to just one of the elements and by virtue of
>> > >> >> > intercoupling
>> > >> >> > all the radiating energy
>> > >> >> > will leave the near field. Thus we have two different methods
>> > >> >> > of
>> > >> >> > determining the value of the radiated field
>> > >> >> > ! radiation from the clustered within a Gaussian field and
>> > >> >> > 2 radiation from an array of coupled elements
>> > >> >> > Since the elements within the cluster are all of the same "Q'"
>> > >> >> > the
>> > >> >> > determination of all factors
>> > >> >> > in the resulting equation are simplified to Ohms law and where
>> > >> >> > the
>> > >> >> > laborious coupling calculations
>> > >> >> > are omitted. The above describes in first principles as to how
>> > >> >> > a
>> > >> >> > Gaussian field in a short space of time can be equated to a
>> > >> >> > radiating
>> > >> >> > cluster using existing laws of the masters which also embraces
>> > >> >> > NEC
>> > >> >> > code. Now many have said I have no understanding of radiation
>> > >> >> > concepts
>> > >> >> > so go ahead and tear this apart and have a merry Xmas doing it
>> > >> >> > Art Unwin KB9MZ.....XG
>> > >> >> >
>> > >> >
>> > >> > It appears Art has picked up some phrases haphazardly and is
>> > >> > trying to
>> > >> > apply them to antennas some how, If I remember correctly doesnt
>> > >> > Gaussian field apply to statistical distribution. Been a long time
>> > >> > since I had statistical analysis back in the early 70s but I think
>> > >> > this
>> > >> > is also refered to as a "normal distribution".
>> > >>

>> > >> Hi Jimmy
>> > >>
>> > >> By my standards, you are *Right On* on all you wrote. I'm pretty
>> > >> sure
>> > >> Gaussian distribution of power across a radiating plane results
>> > >> (theoretically) in zero side lobes, That is also a very poor
>> > >> distribution
>> > >> when gain is a goal. I think the term Normal is synonymous with
>> > >> Gaussian
>> > >> when referring to aperture distribution.
>> > >>
>> > >> Jerry
>> > >
>

4360. Re: Mechanics of AC current flow - ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 02:19:28 UTC
From: k1drw <k1drw@comcast.net>
Message-ID: <1167185968.742496.235910@42g2000cwt.googlegroups.com>
Source record: 47534

Hello Cecil:

Once again, I extend thanks to you for your 'elmering'. I understood your response completely.

RE: the vertical configuration: It seems then, that the 2nd half of the cycle on the vertical (where the current flow is coming out of the vertical element and into the radials) is practically worthless in terms of radiating signal into the 'ether'. At first thought it would appear that there is more efficiency with an elevated 1/4~ vertical element and using elevated radials and or counterpoise -vs- ground radials.

Cecil, I can only offer thanks, but it is many thanks...!

73, dennis, k1drw

4361. steve posts this for fun

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 02:29:14 UTC
From: Mark@kb9rqz.aprs
Message-ID: <bim3p25d3uf9l93mt62phraasnmvqugb37@4ax.com>
Source record: 47535
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

On 26 Dec 2006 17:27:48 -0800, "an_old_friend" <kb9rqz69@hotmail.com>
wrote:

>
>Mark@kb9rqz.aprs wrote:
>> On 26 Dec 2006 09:35:32 -0800, "Andy the Perv Timberlake"
>> <andy_theperv_timberlake@yahoo.com> wrote:

>> saure I will be able to sign kb9rqz/ae soon enough mostly a matter of
>> finding a ve team who will let me suck them off for a ticket.
moe forgery
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4362. Re: Barium Titanate powder problems

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 02:29:42 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12p3mkm8vo0sga0@corp.supernews.com>
Source record: 47536

I'm not sure some of the suggested compounds would work.

I assume the OP is interested in maintaining a very high dielectric constant -- at least, that's a common reason for using barium titanate. The presence of even tiny gaps between particles will drastically lower the overall dielectric constant, for the same basic reason (substituting electric for magnetic fields) that an air gap in a magnetic path consisting of otherwise high permeability material will drastically lower the overall permeability. So what's required is a compound that allows the barium titanate particles to contact each other. I don't know what kind of binder might do this, but it seems to me it would have to be something that shrinks as it dries or cures, like conductive epoxy binder. Conductive epoxy binder pulls the gold or silver particles together when it cures to get good electrical conductivity.

I thought that capacitors and the like which use barium titanate were fired into a homogeneous ceramic.

Roy Lewallen, W7EL

4363. Re: Confused how I2 gets coupled to the dipole element

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 02:32:46 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12p3mqei5njci49@corp.supernews.com>
Source record: 47537

You might get a little more insight from
http://eznec.com/Amateur/Articles/Baluns.pdf.

Roy Lewallen, W7EL

4364. Re: Mechanics of AC current flow - ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 02:40:46 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12p3n9ejfs42kf8@corp.supernews.com>
Source record: 47538

k1drw wrote:
> I have a question about AC Circuitry (as it relates to my antenna
> system) where I cannot seem to arrive at an answer by reading reference
> material:
>
> RE: The mechanics of current flow as it relates to a 1/4~ vertical
> working against ground and separately, in comparison as it relates to
> the dipole elements.
>
> Is an AC circuit like DC, whereas there must be a ground return path
> for a "flow" to happen ?

Yes.

> RE Dipole: If yes, then I get confused when thinking about ac current
> flow relative to a dipole antenna. I can image current flow on the
> center conductor side, since it seems the current +/- can keep going
> back and forth from the transceiver to the end of the antenna element
> (independent of the braid or other half side). But, it is hard to
> understand how current can go back and forth on the braid side, since
> it has a path to ground. Seems like on the braid side the current would
> make its way down to the end of the dipole element and then start back,
> but go right to the low impedance ground and be gone.

Current flows into one half the antenna, which causes it to create a field. The field strikes the other half of the dipole, inducing a current in it. The current into one half the dipole has to equal, at every instant, the current out of the other half. The path is through the air, with the coupling mechanism being the electric and magnetic fields. If this is hard to swallow, think a bit about how current flows "through" a capacitor or transformer.

> RE: Vertical 1/4~: Again, here I image the ground side of the AC
> circuit works as described above. But I read references to radials on
> the ground side "collecting and returning ground currents" and that
> confuses me. Returning currents to where ?, the current as pushed out
> on the braid side seems to be where it was supposed to go - to ground.

The field created by the current in the vertical couples to the ground, and induces a current in it. This current flows in the braid. The current into the vertical has to, at every instant, equal the current flowing out of the ground. The radials lower the resistance of the current path through the ground.

> Do both "legs" of AC current push out on the + and "pull" back on the -
> , independent of 'ground' ?

Sorry, I don't know what a current "leg" is.

> I don't have an elec or engnr backgound so if you please to help me
> understand, please try hard to keep it very basic. I just cannot use
> math and AC formulas yet.

Hope this helps. A quantitative understanding requires an extensive math background.

Roy Lewallen, W7EL

4365. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 02:42:31 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12p3ncne47uh953@corp.supernews.com>
Source record: 47539

Jerry Martes wrote:
> Hi Art
>
> Thanks for taking your time to direct me to some very complex thinking.
> But, I'm a rather simple guy who isnt well educated. You apparently expect
> a "just regular guy" like me to understand the ccomplex convoluted
> theoretical stuff that you write about.
> . . .

Don't feel bad, Jerry. Quite a few of us who do have an engineering education and a lot of experience with antennas don't understand Art's postings either.

Roy Lewallen, W7EL

4366. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 03:02:53 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <xnlkh.2706$%M1.2266@trnddc08>
Source record: 47540

OK Art, if you say that you arent actually "pulling my leg", perhaps *I* can help *you*. It doesnt require computer literacy to be able to use Roy's EZNEC. I am perhaps the least computer savy reader of this News Group. But, I am beginning to learn things with this antenna modeling program. I suggest to you that you will benefit so much as the result of buying Roy's program that you will thank me for having suggested it to you. I dont consider it appropriate to use the free EZNEC program. The "paid for" version has somewhat improved capabilities. And the cost of that program is far less than the excellent test equipment you now have. It just seems Right to buy from Roy since he took so much time to make such a capable tool for us.

Go to Roy and buy the program best suited for analyzing your concept. It is actually fun to see that program at work. You wont regret having EZNEC in your "tool box". Value per dollar, there is no tool available to the antenna designer that is better than EZNEC.

Try it, you'll like it.
Jerry

"art" <aunwin@insightbb.com> wrote in message
news:1167186544.518456.204770@73g2000cwn.googlegroups.com...
> No Jerry You couldn't be more wrong. I am not talking down to you
> I am responding in a way that didn't involve technical terms but
> evolved
> around the every day world. I could have quoted the law of every
> action has an equal and opposite reaction but I didn't think that
> fitted in with your request. Some people measure work as being the
> amount moved rather than the release of energy so I wanted to portray
> an amount of contained energy or potential energy which when allowed
> escapes the hold of equilibrium so the radiation process can start. I
> used the magnetised bearing to follow up where the retaining surface
> was not visible but still there as a magnetic field. I don't know of
> another way of explaining it unless I want to be preyed apon by spam.
> Jerry I am sharing things so people can participate in my journey. You
> must know I am very interested in what I am pursueing otherwise I would
> have just collapsed in the face of the naysayers. if you wish to pursue
> my line of thought but are concerned how others view you then keep
> everything to a private Email. It does not serve me well to make
> enemies in this group if my idea is to debate my thought though some do
> enjoy the thinking that the result elevates their iwn status and you
> learn to live with that. I responded to you in a lengthy dialogue which
> was in kind with your request which did not provide animosity of any
> sort which provided me the impetus to respond in the same manner. Jerry
> you haven't attacked me

> you were polite so have a rethink about this debate, I am sharing not
> taking
> Very best regards
> Art
>
>
> Jerry Martes wrote:
>> Hi Art
>>
>> I have to tell you that I am beginning to loose interest in this
>> thread.
>> I read about "equilibrium" and began to wonder what that meant in a
>> discussion about a cluster of radiators. Then, when you explained
>> equilibrium in terms of balloons, ball bearings and sweat, I began to
>> wonder if you are pulling my leg.
>>
>> Now, I really feel like a guy who went snipe hunting and got left out
>> alone all night. You are playing with me, aren't you?? I asked for
>> data
>> and dimensions so I could work *with* you to better understand your
>> "Cluster"
>> You reply to my request for information with sentences like this --
>>
>> >Sound simple but there are difficulties, when you weaken the enclosing
>> > force it does produce a major hole for directive purposes however at
>> > the same time multiple fissures open in other areas which provides a
>> > leakage trail for the swerling innards such that radiative energy on a
>> > smaller scale still escaopes to form radiation in other areas than the
>> > forward direction envisioned.
>>
>>
>> If your goal is to show that I am too stupid to know when I am being
>> tricked, you won.
>>
>> Jerry
>>
>>
>>
>> "art" <aunwin@insightbb.com> wrote in message
>> news:1167181823.646582.21290@79g2000cws.googlegroups.com...
>> > Jerry,
>> > Let me take the opportunity of explaning the term equilibrium in a
>> > folksy sort of way
>> > to give you a better idea or insight to what it is really about.
>> > Basicaly when we talk of equilibrium we are talking about things that
>> > are somehow bound together. You often see in antenna books the squeezed
>> > ballon to show how energy is pushed from the rear to the front of the
>> > antenna, in that case the balloon is reacting or holding back the
>> > pressure inside the balloon so you can see in that case that the inside
>> > is in equilibrium by virtue of the holding power of the balloon.

>> > Another way of looking at equyilibrium is by placing a bunch of
>> > magnetised ball bearings that no matter how you juggle with them they
>> > stay together but you can't see any bag holding them together. Well in
>> > this case it is the magnetic energy holding things together instead of
>> > gravity taking over and pulling them apart one after the other. So how
>> > can we use this equilibrium glue thing when dealing with antennas? well
>> > you can see now that equoilibrium is really a stand off in forces, two
>> > people pushing against each other yet nothing is moving yet it is
>> > evident by the sweat that both men are working hard. Same way with the
>> > balloon that is holding all that radiation energy together and where
>> > the balloon is applying pressure on the energy inside of the balloon
>> > and like two men pushing there is no movement going on. If the balloon
>> > weakens somewhere you will see that the balloon will swoosh away in an
>> > undetermined direction but wait a minite if it is radiation energy we
>> > would sure like to push it all in the forward direction for maximum
>> > gain. So if we have a bunch of resonant elements in equilibrium
>> > containing the means for radiation we have to find a method of
>> > providing the break in a ideal position so that the innards are
>> > directed the same way. Well what we do with the bunch of radiating
>> > elements that are in equilibrium is to place another element into the
>> > bunch that is not resonant like it doesn't belong. What we find by
>> > doing thid is that all the radiation energy will swirl around striving
>> > to get to the weak part remembering that it is only when the energy
>> > escapes thru the hole can it start to produce a electrical and magnetic
>> > field which creates radiation , where as with a yagi the near field is
>> > produced immediatly the driven energy is provided and where the fields
>> > generate new field around each element it meets on its journey. So with
>> > equilibrium we can break it at any place we want to to provide
>> > directivenes where as with a yagi the radiation begins to start forming
>> > even tho it is being directed in many different directions. Naturally
>> > you can see the advantages of energy going in a single direction versus
>> > energy being bounced around
>> > until it sees daylight. So back to the beginning we have a bunch of
>> > elements that are resonant inside a surface like a balloon where if
>> > energy is applied to one of the elements it is sharedf with the other
>> > ele4ments immediatly without commensing the radiation trail and by
>> > placing a detuned element in the cluster we can chose the directiopn
>> > than the energy of each element takes and where it follows its
>> > predessesor in releasing its radiative energy.
>> > Sound simple but there are difficulties, when you weaken the enclosing
>> > force it does produce a major hole for directive purposes however at
>> > the same time multiple fissures open in other areas which provides a
>> > leakage trail for the swerling innards such that radiative energy on a
>> > smaller scale still escaopes to form radiation in other areas than the
>> > forward direction envisioned. The next person to come along will
>> > address this problem I am sure once presentented with the incentive
>> > that this new concept provides. No miricals but one step forward makes
>> > all things possible
>> > Regards
>> > Art

>> > art wrote:
>> >> Jerh each otherry
>> >> What I am doing is to get away from inline coupling of elements. The
>> >> Yagi antenna is one of these where all the elements are in line. What
>> >> I
>> >> am doing is to arrange a a bunch of elements in a group or cluster
>> >> such
>> >> that each and all elements couple with each other rather than the the
>> >> two elements along side. By doing this and yet making the bunch of
>> >> elements resonant on their own as well as being driven by one element
>> >> as with the normal antenna you have to make changes in either the
>> >> length, dia or material of each element to compensate for all the
>> >> other
>> >> factors implanted on them by the proximity of all the other elements
>> >> in
>> >> the bunch or cluster. When this is done correctly the bunch of
>> >> elements
>> >> are in equilibrium with each other and where each element impedance is
>> >> devoid or has reactance minimised. The reason for this aproach is the
>> >> two resistances that you encounter are the resistance of the material
>> >> used for the element which is where the current flows below the
>> >> surface
>> >> and the radiation resistance which is from the current that flows on
>> >> top of the surface
>> >> to produce radiation. Since it is radiation that we are concerned with
>> >> only true resistance is of importance and where reactiveness in the
>> >> impedances provide no benefit to radiation.
>> >> The bottom line is that we want to avoid reactivenes whereas the yagi
>> >> by coupling elements
>> >> that are untuned or not resonant promotes reactiveness. An example of
>> >> what this reactiveness does to an array is to make the value curves
>> >> for
>> >> gain, back to front and swr all peaking at different frequencies where
>> >> as the ideal arrangement is to have all the curves peak near the same
>> >> frequency so that when using the antenna across the band you have a
>> >> fairly consistent gain figure instead of having to cut it at the high
>> >> or low end of the band in a compromising effort. When building such an
>> >> array you take advantage of height in the turning radius of the beam
>> >> since you dont have to place all elements in a single line as with a
>> >> yagi which imposes limits on antenna length. by utilising height of
>> >> the
>> >> array you can have a smaller rotating radius with the same gain of a
>> >> yagi with a larger turning radius together with a bandwidth with
>> >> smoothed variables.
>> >> Hope that helps and clears some of the mystery away from clustered
>> >> arrays. This aproach by the way also applies to vertical arrays from
>> >> which you can get horizontal, vertical and circular radiation where
>> >> each has its special place of use. Use of academic terms was only
>> >> provided because some academics don't like change and want to see the
>> >> same things they see in books and for some reason were taught that

>> >> talk
>> >> of statics in the same room as electromagnetics is blasphamy yet they
>> >> cannot bring forward anything in the books that say they are totally
>> >> separable. By the way I mentioned Nagy where as it should have been
>> >> Brown who did so much in recent years in broadcasting and T.V.
>> >> Have fun with antennas and don't get intimidated by those who learned
>> >> things in College only to memorise and pass exams instead of using
>> >> knoweledge to advance the quality of life.
>> >> Best regards
>> >> Art
>> >>
>> >>
>> >> Jerry Martes wrote:
>> >> > Hi Art
>> >> >
>> >> > Thanks for taking your time to direct me to some very complex
>> >> > thinking.
>> >> > But, I'm a rather simple guy who isnt well educated. You
>> >> > apparently
>> >> > expect
>> >> > a "just regular guy" like me to understand the ccomplex convoluted
>> >> > theoretical stuff that you write about.
>> >> > When I did work as an antenna design engineer, years ago, I saw
>> >> > some
>> >> > of my
>> >> > buddies working on the distribution of energy across apertures in an
>> >> > effort
>> >> > to shape beams. One of their considerations was to decrease the
>> >> > power
>> >> > to
>> >> > the elements as they were more distant from the center of the array.
>> >> > I
>> >> > remember reading that when the power is tapered to provide a
>> >> > distribution
>> >> > about equivalent to a Gaussian Distribution, the side lobes were
>> >> > minimal.
>> >> >
>> >> > I really enjoy thinking about real antenna construction projects.
>> >> > but,
>> >> > when it gets to the Maxwell's Equation kind of analysis, I get lost.
>> >> > I
>> >> > dont
>> >> > even know what a Vector is.
>> >> > You may have the wrong impression about me, Art, I'm an old guy
>> >> > who
>> >> > wants
>> >> > to have fun with antennas. It isnt necessary for you to tell me to
>> >> > "get
>> >> > back
>> >> > to basics". I dont have interest in the "basics" you refer to.

>> >> >
>> >> > Is it possible for you to tell us (me) what you are referring to
>> >> > without
>> >> > referring to Vectors, Gauss's law, Lorentz, "Nagi", and even
>> >> > elementary
>> >> > calculus? Frankly, Art, you confuse me when you write such
>> >> > scholarly
>> >> > paragraphs. You and I are so far removed from each other
>> >> > intellectually
>> >> > that I can never keep up with your texts.
>> >> >
>> >> > Jerry
>> >> >
>> >> >
>> >> > "art" <aunwin@insightbb.com> wrote in message
>> >> > news:1167167953.784946.88350@h40g2000cwb.googlegroups.com...
>> >> > > Jerry, get back to basics and look up a conservative field
>> >> > > relative
>> >> > > to
>> >> > > Gaussian law.
>> >> > > Step 1
>> >> > > It is a group of electric charges with an addition vector of zero.
>> >> > > So
>> >> > > move backwards and remove that vector if you wish and you have a
>> >> > > gaussian field of electrical charges which in the case of a bunch
>> >> > > of
>> >> > > resonant elements can be seen as all positive or all negative
>> >> > > charges
>> >> > > and we also know that Gaussian law is valid even for enclosed
>> >> > > charges
>> >> > > in motion.
>> >> > >
>> >> > > Step 2 The vector that we removed is known as curl but at this
>> >> > > time
>> >> > > nit
>> >> > > has no valu is the samee tho the vector direction is known.
>> >> > > Step 3 Faraday's law of Induced electromotive force. This is
>> >> > > somewhat
>> >> > > opposite to the consevative field in terms of rotation but in
>> >> > > relative
>> >> > > terms it where the consevative field is revolving around a
>> >> > > magnetic
>> >> > > field (hopefully you can visualise this) So we have a charge q in
>> >> > > an
>> >> > > element of length ds, which element, at the instant considered has
>> >> > > velocity u,experiences a force. Now I know some have difficulty
>> >> > > with
>> >> > > what I said earlier with respect to adding " at an instant of
>> >> > > time)
>> >> > > to

>> >> > > Gausses law which is the same length of time referred to above as
>> >> > > "
>> >> > > at
>> >> > > the instant considered "
>> >> > >
>> >> > > Gtep 4 We then examine Lorentz equation which refers to an induced
>> >> > > electric field which is present when, for example the magnetic
>> >> > > field
>> >> > > is
>> >> > > changing with time such that
>> >> > > v1 = 1/q integral F.ds. You can now see that any CONSERVATIVE
>> >> > > force
>> >> > > that might be included in F would integrate to zero thus ommiting
>> >> > > any
>> >> > > electrostatic field that might be present Note again faradays law,
>> >> > > it
>> >> > > is valid regardloess of the nature of the factor or factors
>> >> > > responsible
>> >> > > for change in magnetic flux. So now the overview of the cluster of
>> >> > > resonant elements projected a conservative field with a magnetic
>> >> > > vector
>> >> > > of zero reflecting" an instant of time" with respect to resonant
>> >> > > elements and where the magnetic field will provide
>> >> > > motion to the electrostatic field where all charges will exibit
>> >> > > the
>> >> > > same direction of charge and will change in unison
>> >> > >
>> >> > > Now no amount of writing will get you to understand this flow of
>> >> > > concept if you are not willing to have an open mind or think
>> >> > > around
>> >> > > something that at the present time you fail to understand and are
>> >> > > not
>> >> > > willing to rethink thing, possibly in a different way than I
>> >> > > presented
>> >> > > it.
>> >> > >
>> >> > > If you are so inclined you can go back further in history and play
>> >> > > with
>> >> > > the 4 vertical array of elements formed by Nagi to obtain possible
>> >> > > insights since he also worked with an array of vertical elements
>> >> > > all
>> >> > > of
>> >> > > which were resonant. His work has been rechecked via Matlab and
>> >> > > found
>> >> > > to be correct so you have a viable path to follow if you have a
>> >> > > modicom
>> >> > > of interest in this new concept. It must be noted that the above
>> >> > > is
>> >> > > only a partial description of the concept
>> >> > > because I have yet to add a detuned element for directional

>> >> > > purposes
>> >> > > for the radiation field.
>> >> > >
>> >> > > There is nothing more that I can add that will persuade you to
>> >> > > follow
>> >> > > thru with this concept
>> >> > > so I believe I have now reached the Rubicon with respect to this
>> >> > > vision
>> >> > > of mine. If you can't understand it now put it down to me not
>> >> > > being
>> >> > > smart enough to explain clearly electromagnetics to those skilled
>> >> > > in
>> >> > > the art which I am now finding to be a hopeless task at least here
>> >> > > in
>> >> > > the U.S. unless one can read it in a book and memorise it so one
>> >> > > can
>> >> > > pass an exam..
>> >> > > Art
>> >> > >
>> >> > >
>> >> > >
>> >> > >
>> >> > >
>> >> > >
>> >> > >
>> >> > >
>> >> > > Jerry Martes wrote:
>> >> > >> "JIMMIE" <JIMMIEDEE123@YAHOO.COM> wrote in message
>> >> > >> news:1166838834.614006.26080@i12g2000cwa.googlegroups.com...
>> >> > >> >
>> >> > >> > Dave wrote:
>> >> > >> >> "art" <aunwin@insightbb.com> wrote in message
>> >> > >> >> news:1166543181.269834.203030@f1g2000cwa.googlegroups.com...
>> >> > >> >> > In the thread Rain static I referred to a closed surface
>> >> > >> >> > which
>> >> > >> >> > is
>> >> > >> >> > clearly
>> >> > >> >> > defined by Gauss's law.
>> >> > >> >>
>> >> > >> >> Gauss's law doesn't define a surface, the surface is any
>> >> > >> >> arbitrary
>> >> > >> >> surface
>> >> > >> >> surrounding a charge.
>> >> > >> >>
>> >> > >> >> >Let us now look at a time vary field applied to
>> >> > >> >> >
>> >> > >> >> > a dielectric. I fht efield is applied for the shortest of
>> >> > >> >> > time
>> >> > >> >> > the
>> >> > >> >> > charges

>> >> > >> >> > will stay on the surface. If time is longer than the
>> >> > >> >> > shortest
>> >> > >> >> > space
>> >> > >> >> > of
>> >> > >> >> > time
>> >> > >> >>
>> >> > >> >> you make it sound like there is some 'shortest' time where
>> >> > >> >> charges
>> >> > >> >> won't
>> >> > >> >> move. this is not true. no matter how short you make the time
>> >> > >> >> it
>> >> > >> >> will
>> >> > >> >> move
>> >> > >> >> the charges.
>> >> > >> >>
>> >> > >> >> > then charges will openetrate the closed surface. If the
>> >> > >> >> > surface
>> >> > >> >> > is
>> >> > >> >> > an
>> >> > >> >> > insulator type then it takes a long while to penetrate but
>> >> > >> >> > if
>> >> > >> >> > the
>> >> > >> >> > surface
>> >> > >> >>
>> >> > >> >> Here you mix up 'surface' and 'surface'. the gauss's law
>> >> > >> >> 'surface' is
>> >> > >> >> a
>> >> > >> >> mathematically useful construction around a charge, it does
>> >> > >> >> not
>> >> > >> >> have
>> >> > >> >> any
>> >> > >> >> charge 'on' it, nor is there any 'penetration' of it by charge
>> >> > >> >> in
>> >> > >> >> gauss's
>> >> > >> >> law. it is strictly a non-material thing that is used only
>> >> > >> >> for
>> >> > >> >> calculation
>> >> > >> >> purposes.
>> >> > >> >>
>> >> > >> >> > is a good conductor then the charges will penetrate very
>> >> > >> >> > quickly so
>> >> > >> >> > we can associate the time constant of penetration to the
>> >> > >> >> > subject of
>> >> > >> >> > skin depth. If we are to associate the time varying field to
>> >> > >> >> > a
>> >> > >> >> > gaussian field
>> >> > >> >>
>> >> > >> >> you have yet to define a 'gaussian field'. gauss's law
>> >> > >> >> applies
>> >> > >> >> to

>> >> > >> >> electric
>> >> > >> >> fields and their relation to charges.
>> >> > >> >>
>> >> > >> >> > all the excess charges must be on the surface by law.
>> >> > >> >>
>> >> > >> >> only in a 'perfect' conductor. dielectrics and 'empty' space
>> >> > >> >> can
>> >> > >> >> have
>> >> > >> >> distributed charges throughout.
>> >> > >> >>
>> >> > >> >> >Or in other words
>> >> > >> >> > the time evolved must be shorter than the time required to
>> >> > >> >> > begin
>> >> > >> >> > penetration.
>> >> > >> >>
>> >> > >> >> huh? it just goes down hill from here. write some equations,
>> >> > >> >> do
>> >> > >> >> some
>> >> > >> >> drawings, publish a manuscript. all the rest is empty
>> >> > >> >> handwaving
>> >> > >> >> based
>> >> > >> >> on
>> >> > >> >> incorrect assumptions and missing definitions.
>> >> > >> >>
>> >> > >> >> > Thus for a short space of time all charges are on the
>> >> > >> >> > surface
>> >> > >> >> > and
>> >> > >> >> > the
>> >> > >> >> > charges
>> >> > >> >> > have a magnhe radiating eneetic and electric field vectors.
>> >> > >> >> > Just
>> >> > >> >> > having
>> >> > >> >> > charges is not enough to convert to a gaussian field in that
>> >> > >> >> > a
>> >> > >> >> > gaussian
>> >> > >> >> > field must be in equilibrium thus a cluster of elements
>> >> > >> >> > must have the direction of the surface charges change in
>> >> > >> >> > unison. For
>> >> > >> >> > a
>> >> > >> >> > cluster of elements to do this they must all be resonant
>> >> > >> >> > such
>> >> > >> >> > that
>> >> > >> >> > the
>> >> > >> >> > charges reach the ends of the elements at the same time.
>> >> > >> >> > Resonance
>> >> > >> >> > of
>> >> > >> >> > an element is determined by its diameter and its length and
>> >> > >> >> > because
>> >> > >> >> > it
>> >> > >> >> > is coupled to other elements in the cluster the coupling

>> >> > >> >> > must
>> >> > >> >> > be
>> >> > >> >> > taken
>> >> > >> >> > into account to secure resonance of not only the individual
>> >> > >> >> > elements
>> >> > >> >> > but of the cluster as a whole. When this is accomplished the
>> >> > >> >> > charges
>> >> > >> >> > on
>> >> > >> >> > the surface of the closed volume are in equilibrium but onty
>> >> > >> >> > for
>> >> > >> >> > that
>> >> > >> >> > shortest of short time and where that time is added to the
>> >> > >> >> > gaussian
>> >> > >> >> > formulae for the transition to be complete. For the Gaussian
>> >> > >> >> > field
>> >> > >> >> > or
>> >> > >> >> > volume we can say the energy inside the gaussian field is
>> >> > >> >> > equal
>> >> > >> >> > to
>> >> > >> >> > that
>> >> > >> >> > supplied by flux to the outside of the border and remember
>> >> > >> >> > the
>> >> > >> >> > flux
>> >> > >> >> > inside consists of magnetic and electric vectoirs. We now
>> >> > >> >> > can
>> >> > >> >> > say
>> >> > >> >> > that
>> >> > >> >> > in a moment of time the flux produced from each element
>> >> > >> >> > that
>> >> > >> >> > breaches
>> >> > >> >> > the border in summation with the other elements is equal to
>> >> > >> >> > the
>> >> > >> >> > radiating field outside of the border when each element
>> >> > >> >> > energy
>> >> > >> >> > makes
>> >> > >> >> > the transmittion. Thus the summation of each of the
>> >> > >> >> > clustered
>> >> > >> >> > elements
>> >> > >> >> > individual energy when the vectors are given a value
>> >> > >> >> > must equal the flux on the outside of the border that
>> >> > >> >> > produces
>> >> > >> >> > radiation. We also know that if we have a cluster of
>> >> > >> >> > elements
>> >> > >> >> > that
>> >> > >> >> > are
>> >> > >> >> > clustered together we can obtain radiation by just applying
>> >> > >> >> > a
>> >> > >> >> > time
>> >> > >> >> > varing field to just one of the elements and by virtue of
>> >> > >> >> > intercoupling

>> >> > >> >> > all the radiating energy
>> >> > >> >> > will leave the near field. Thus we have two different
>> >> > >> >> > methods
>> >> > >> >> > of
>> >> > >> >> > determining the value of the radiated field
>> >> > >> >> > ! radiation from the clustered within a Gaussian field and
>> >> > >> >> > 2 radiation from an array of coupled elements
>> >> > >> >> > Since the elements within the cluster are all of the same
>> >> > >> >> > "Q'"
>> >> > >> >> > the
>> >> > >> >> > determination of all factors
>> >> > >> >> > in the resulting equation are simplified to Ohms law and
>> >> > >> >> > where
>> >> > >> >> > the
>> >> > >> >> > laborious coupling calculations
>> >> > >> >> > are omitted. The above describes in first principles as to
>> >> > >> >> > how
>> >> > >> >> > a
>> >> > >> >> > Gaussian field in a short space of time can be equated to a
>> >> > >> >> > radiating
>> >> > >> >> > cluster using existing laws of the masters which also
>> >> > >> >> > embraces
>> >> > >> >> > NEC
>> >> > >> >> > code. Now many have said I have no understanding of
>> >> > >> >> > radiation
>> >> > >> >> > concepts
>> >> > >> >> > so go ahead and tear this apart and have a merry Xmas doing
>> >> > >> >> > it
>> >> > >> >> > Art Unwin KB9MZ.....XG
>> >> > >> >> >
>> >> > >> >
>> >> > >> > It appears Art has picked up some phrases haphazardly and is
>> >> > >> > trying to
>> >> > >> > apply them to antennas some how, If I remember correctly doesnt
>> >> > >> > Gaussian field apply to statistical distribution. Been a long
>> >> > >> > time
>> >> > >> > since I had statistical analysis back in the early 70s but I
>> >> > >> > think
>> >> > >> > this
>> >> > >> > is also refered to as a "normal distribution".
>> >> > >>
>> >> > >> Hi Jimmy
>> >> > >>
>> >> > >> By my standards, you are *Right On* on all you wrote. I'm
>> >> > >> pretty
>> >> > >> sure
>> >> > >> Gaussian distribution of power across a radiating plane results
>> >> > >> (theoretically) in zero side lobes, That is also a very poor
>> >> > >> distribution
>> >> > >> when gain is a goal. I think the term Normal is synonymous with

>> >> > >> Gaussian
>> >> > >> when referring to aperture distribution.
>> >> > >>
>> >> > >> Jerry
>> >> > >
>> >
>

4367. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 03:43:33 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <FZIkh.1284$Ej7.749@trnddc02>
Source record: 47541

Hi Art

It really surprises me to earn that you know about Roy's program and then dismiss it. I thought you had explained that you werent able to use it to the satisfaction of some other Antenna guys.

I included a question within your post where I ask if you really want a computer modeling progran to tell you where to locate elements.

Is it true that there is a computer modeling program that is superior (for HAM/Amateur use) to EZNEC??? I'll go look for METLAB on the Internet.

Jerry

"art" <aunwin@insightbb.com> wrote in message
news:1167189796.892470.299780@a3g2000cwd.googlegroups.com...
> Jerry I am sure that a lot of people are happy with the purchase of
> EZNEC
> but it doesn't suit my purposes True I paid a lot more money that it
> would cost to buy EZNEC but I wanted a program that would teach me more
> than what a design provides.
> For instance if an element could be placed in a more desirable position
> I want it to move it.
> If the program determines to bend the element in a more desirable way
> then I want it to have the freedom to do it.

Art, do you really mean what you seem to have said??? Do you want a computer modeling program that *tells you* where to locate elements??

In other words I need a
> program that helps me not just shrug its shoulders emphasising the
> dumbness of the program. If you really want to get into modelling then
> have a go with MATLAB which is extremely versatile and gaining in use
> by the pro's On the other hand if you want to design a yagi it will
> respond to your needs, not what you want it to do but to add up the
> numbers for the array that you provide it and nothing more.
> Best regards
> Art
>
>
>
>
> Jerry Martes wrote:
>> OK Art, if you say that you arent actually "pulling my leg", perhaps *I*
>> can help *you*. It doesnt require computer literacy to be able to use
>> Roy's EZNEC. I am perhaps the least computer savy reader of this News

>> Group. But, I am beginning to learn things with this antenna modeling
>> program. I suggest to you that you will benefit so much as the result
>> of
>> buying Roy's program that you will thank me for having suggested it to
>> you.
>> I dont consider it appropriate to use the free EZNEC program. The "paid
>> for" version has somewhat improved capabilities. And the cost of that
>> program is far less than the excellent test equipment you now have. It
>> just seems Right to buy from Roy since he took so much time to make such
>> a
>> capable tool for us.
>>
>> Go to Roy and buy the program best suited for analyzing your concept.
>> It
>> is actually fun to see that program at work. You wont regret having
>> EZNEC
>> in your "tool box". Value per dollar, there is no tool available to
>> the
>> antenna designer that is better than EZNEC.
>>
>> Try it, you'll like it.
>> Jerry
>>
>>
>>
>> "art" <aunwin@insightbb.com> wrote in message
>> news:1167186544.518456.204770@73g2000cwn.googlegroups.com...
>> > No Jerry You couldn't be more wrong. I am not talking down to you
>> > I am responding in a way that didn't involve technical terms but
>> > evolved
>> > around the every day world. I could have quoted the law of every
>> > action has an equal and opposite reaction but I didn't think that
>> > fitted in with your request. Some people measure work as being the
>> > amount moved rather than the release of energy so I wanted to portray
>> > an amount of contained energy or potential energy which when allowed
>> > escapes the hold of equilibrium so the radiation process can start. I
>> > used the magnetised bearing to follow up where the retaining surface
>> > was not visible but still there as a magnetic field. I don't know of
>> > another way of explaining it unless I want to be preyed apon by spam.
>> > Jerry I am sharing things so people can participate in my journey. You
>> > must know I am very interested in what I am pursueing otherwise I would
>> > have just collapsed in the face of the naysayers. if you wish to pursue
>> > my line of thought but are concerned how others view you then keep
>> > everything to a private Email. It does not serve me well to make
>> > enemies in this group if my idea is to debate my thought though some do
>> > enjoy the thinking that the result elevates their iwn status and you
>> > learn to live with that. I responded to you in a lengthy dialogue which
>> > was in kind with your request which did not provide animosity of any
>> > sort which provided me the impetus to respond in the same manner. Jerry
>> > you haven't attacked me

>> > you were polite so have a rethink about this debate, I am sharing not
>> > taking
>> > Very best regards
>> > Art
>> >
>> >
>> > Jerry Martes wrote:
>> >> Hi Art
>> >>
>> >> I have to tell you that I am beginning to loose interest in this
>> >> thread.
>> >> I read about "equilibrium" and began to wonder what that meant in a
>> >> discussion about a cluster of radiators. Then, when you explained
>> >> equilibrium in terms of balloons, ball bearings and sweat, I began to
>> >> wonder if you are pulling my leg.
>> >>
>> >> Now, I really feel like a guy who went snipe hunting and got left
>> >> out
>> >> alone all night. You are playing with me, aren't you?? I asked for
>> >> data
>> >> and dimensions so I could work *with* you to better understand your
>> >> "Cluster"
>> >> You reply to my request for information with sentences like this --
>> >>
>> >> >Sound simple but there are difficulties, when you weaken the
>> >> >enclosing
>> >> > force it does produce a major hole for directive purposes however at
>> >> > the same time multiple fissures open in other areas which provides a
>> >> > leakage trail for the swerling innards such that radiative energy on
>> >> > a
>> >> > smaller scale still escaopes to form radiation in other areas than
>> >> > the
>> >> > forward direction envisioned.
>> >>
>> >>
>> >> If your goal is to show that I am too stupid to know when I am being
>> >> tricked, you won.
>> >>
>> >> Jerry
>> >>
>> >>
>> >>
>> >> "art" <aunwin@insightbb.com> wrote in message
>> >> news:1167181823.646582.21290@79g2000cws.googlegroups.com...
>> >> > Jerry,
>> >> > Let me take the opportunity of explaning the term equilibrium in a
>> >> > folksy sort of way
>> >> > to give you a better idea or insight to what it is really about.
>> >> > Basicaly when we talk of equilibrium we are talking about things
>> >> > that

>> >> > are somehow bound together. You often see in antenna books the
>> >> > squeezed
>> >> > ballon to show how energy is pushed from the rear to the front of
>> >> > the
>> >> > antenna, in that case the balloon is reacting or holding back the
>> >> > pressure inside the balloon so you can see in that case that the
>> >> > inside
>> >> > is in equilibrium by virtue of the holding power of the balloon.
>> >> > Another way of looking at equyilibrium is by placing a bunch of
>> >> > magnetised ball bearings that no matter how you juggle with them
>> >> > they
>> >> > stay together but you can't see any bag holding them together. Well
>> >> > in
>> >> > this case it is the magnetic energy holding things together instead
>> >> > of
>> >> > gravity taking over and pulling them apart one after the other. So
>> >> > how
>> >> > can we use this equilibrium glue thing when dealing with antennas?
>> >> > well
>> >> > you can see now that equoilibrium is really a stand off in forces,
>> >> > two
>> >> > people pushing against each other yet nothing is moving yet it is
>> >> > evident by the sweat that both men are working hard. Same way with
>> >> > the
>> >> > balloon that is holding all that radiation energy together and where
>> >> > the balloon is applying pressure on the energy inside of the balloon
>> >> > and like two men pushing there is no movement going on. If the
>> >> > balloon
>> >> > weakens somewhere you will see that the balloon will swoosh away in
>> >> > an
>> >> > undetermined direction but wait a minite if it is radiation energy
>> >> > we
>> >> > would sure like to push it all in the forward direction for maximum
>> >> > gain. So if we have a bunch of resonant elements in equilibrium
>> >> > containing the means for radiation we have to find a method of
>> >> > providing the break in a ideal position so that the innards are
>> >> > directed the same way. Well what we do with the bunch of radiating
>> >> > elements that are in equilibrium is to place another element into
>> >> > the
>> >> > bunch that is not resonant like it doesn't belong. What we find by
>> >> > doing thid is that all the radiation energy will swirl around
>> >> > striving
>> >> > to get to the weak part remembering that it is only when the energy
>> >> > escapes thru the hole can it start to produce a electrical and
>> >> > magnetic
>> >> > field which creates radiation , where as with a yagi the near field
>> >> > is
>> >> > produced immediatly the driven energy is provided and where the
>> >> > fields
>> >> > generate new field around each element it meets on its journey. So

>> >> > with
>> >> > equilibrium we can break it at any place we want to to provide
>> >> > directivenes where as with a yagi the radiation begins to start
>> >> > forming
>> >> > even tho it is being directed in many different directions.
>> >> > Naturally
>> >> > you can see the advantages of energy going in a single direction
>> >> > versus
>> >> > energy being bounced around
>> >> > until it sees daylight. So back to the beginning we have a bunch of
>> >> > elements that are resonant inside a surface like a balloon where if
>> >> > energy is applied to one of the elements it is sharedf with the
>> >> > other
>> >> > ele4ments immediatly without commensing the radiation trail and by
>> >> > placing a detuned element in the cluster we can chose the directiopn
>> >> > than the energy of each element takes and where it follows its
>> >> > predessesor in releasing its radiative energy.
>> >> > Sound simple but there are difficulties, when you weaken the
>> >> > enclosing
>> >> > force it does produce a major hole for directive purposes however at
>> >> > the same time multiple fissures open in other areas which provides a
>> >> > leakage trail for the swerling innards such that radiative energy on
>> >> > a
>> >> > smaller scale still escaopes to form radiation in other areas than
>> >> > the
>> >> > forward direction envisioned. The next person to come along will
>> >> > address this problem I am sure once presentented with the incentive
>> >> > that this new concept provides. No miricals but one step forward
>> >> > makes
>> >> > all things possible
>> >> > Regards
>> >> > Art
>> >> > art wrote:
>> >> >> Jerh each otherry
>> >> >> What I am doing is to get away from inline coupling of elements.
>> >> >> The
>> >> >> Yagi antenna is one of these where all the elements are in line.
>> >> >> What
>> >> >> I
>> >> >> am doing is to arrange a a bunch of elements in a group or cluster
>> >> >> such
>> >> >> that each and all elements couple with each other rather than the
>> >> >> the
>> >> >> two elements along side. By doing this and yet making the bunch of
>> >> >> elements resonant on their own as well as being driven by one
>> >> >> element
>> >> >> as with the normal antenna you have to make changes in either the
>> >> >> length, dia or material of each element to compensate for all the
>> >> >> other
>> >> >> factors implanted on them by the proximity of all the other

>> >> >> elements
>> >> >> in
>> >> >> the bunch or cluster. When this is done correctly the bunch of
>> >> >> elements
>> >> >> are in equilibrium with each other and where each element impedance
>> >> >> is
>> >> >> devoid or has reactance minimised. The reason for this aproach is
>> >> >> the
>> >> >> two resistances that you encounter are the resistance of the
>> >> >> material
>> >> >> used for the element which is where the current flows below the
>> >> >> surface
>> >> >> and the radiation resistance which is from the current that flows
>> >> >> on
>> >> >> top of the surface
>> >> >> to produce radiation. Since it is radiation that we are concerned
>> >> >> with
>> >> >> only true resistance is of importance and where reactiveness in the
>> >> >> impedances provide no benefit to radiation.
>> >> >> The bottom line is that we want to avoid reactivenes whereas the
>> >> >> yagi
>> >> >> by coupling elements
>> >> >> that are untuned or not resonant promotes reactiveness. An example
>> >> >> of
>> >> >> what this reactiveness does to an array is to make the value curves
>> >> >> for
>> >> >> gain, back to front and swr all peaking at different frequencies
>> >> >> where
>> >> >> as the ideal arrangement is to have all the curves peak near the
>> >> >> same
>> >> >> frequency so that when using the antenna across the band you have a
>> >> >> fairly consistent gain figure instead of having to cut it at the
>> >> >> high
>> >> >> or low end of the band in a compromising effort. When building such
>> >> >> an
>> >> >> array you take advantage of height in the turning radius of the
>> >> >> beam
>> >> >> since you dont have to place all elements in a single line as with
>> >> >> a
>> >> >> yagi which imposes limits on antenna length. by utilising height of
>> >> >> the
>> >> >> array you can have a smaller rotating radius with the same gain of
>> >> >> a
>> >> >> yagi with a larger turning radius together with a bandwidth with
>> >> >> smoothed variables.
>> >> >> Hope that helps and clears some of the mystery away from clustered
>> >> >> arrays. This aproach by the way also applies to vertical arrays
>> >> >> from
>> >> >> which you can get horizontal, vertical and circular radiation where
>> >> >> each has its special place of use. Use of academic terms was only

>> >> >> provided because some academics don't like change and want to see
>> >> >> the
>> >> >> same things they see in books and for some reason were taught that
>> >> >> talk
>> >> >> of statics in the same room as electromagnetics is blasphamy yet
>> >> >> they
>> >> >> cannot bring forward anything in the books that say they are
>> >> >> totally
>> >> >> separable. By the way I mentioned Nagy where as it should have been
>> >> >> Brown who did so much in recent years in broadcasting and T.V.
>> >> >> Have fun with antennas and don't get intimidated by those who
>> >> >> learned
>> >> >> things in College only to memorise and pass exams instead of using
>> >> >> knoweledge to advance the quality of life.
>> >> >> Best regards
>> >> >> Art
>> >> >>
>> >> >>
>> >> >> Jerry Martes wrote:
>> >> >> > Hi Art
>> >> >> >
>> >> >> > Thanks for taking your time to direct me to some very complex
>> >> >> > thinking.
>> >> >> > But, I'm a rather simple guy who isnt well educated. You
>> >> >> > apparently
>> >> >> > expect
>> >> >> > a "just regular guy" like me to understand the ccomplex
>> >> >> > convoluted
>> >> >> > theoretical stuff that you write about.
>> >> >> > When I did work as an antenna design engineer, years ago, I saw
>> >> >> > some
>> >> >> > of my
>> >> >> > buddies working on the distribution of energy across apertures in
>> >> >> > an
>> >> >> > effort
>> >> >> > to shape beams. One of their considerations was to decrease the
>> >> >> > power
>> >> >> > to
>> >> >> > the elements as they were more distant from the center of the
>> >> >> > array.
>> >> >> > I
>> >> >> > remember reading that when the power is tapered to provide a
>> >> >> > distribution
>> >> >> > about equivalent to a Gaussian Distribution, the side lobes were
>> >> >> > minimal.
>> >> >> >
>> >> >> > I really enjoy thinking about real antenna construction
>> >> >> > projects.
>> >> >> > but,
>> >> >> > when it gets to the Maxwell's Equation kind of analysis, I get

>> >> >> > lost.
>> >> >> > I
>> >> >> > dont
>> >> >> > even know what a Vector is.
>> >> >> > You may have the wrong impression about me, Art, I'm an old guy
>> >> >> > who
>> >> >> > wants
>> >> >> > to have fun with antennas. It isnt necessary for you to tell me
>> >> >> > to
>> >> >> > "get
>> >> >> > back
>> >> >> > to basics". I dont have interest in the "basics" you refer to.
>> >> >> >
>> >> >> > Is it possible for you to tell us (me) what you are referring
>> >> >> > to
>> >> >> > without
>> >> >> > referring to Vectors, Gauss's law, Lorentz, "Nagi", and even
>> >> >> > elementary
>> >> >> > calculus? Frankly, Art, you confuse me when you write such
>> >> >> > scholarly
>> >> >> > paragraphs. You and I are so far removed from each other
>> >> >> > intellectually
>> >> >> > that I can never keep up with your texts.
>> >> >> >
>> >> >> > Jerry
>> >> >> >
>> >> >> >
>> >> >> > "art" <aunwin@insightbb.com> wrote in message
>> >> >> > news:1167167953.784946.88350@h40g2000cwb.googlegroups.com...
>> >> >> > > Jerry, get back to basics and look up a conservative field
>> >> >> > > relative
>> >> >> > > to
>> >> >> > > Gaussian law.
>> >> >> > > Step 1
>> >> >> > > It is a group of electric charges with an addition vector of
>> >> >> > > zero.
>> >> >> > > So
>> >> >> > > move backwards and remove that vector if you wish and you have
>> >> >> > > a
>> >> >> > > gaussian field of electrical charges which in the case of a
>> >> >> > > bunch
>> >> >> > > of
>> >> >> > > resonant elements can be seen as all positive or all negative
>> >> >> > > charges
>> >> >> > > and we also know that Gaussian law is valid even for enclosed
>> >> >> > > charges
>> >> >> > > in motion.
>> >> >> > >
>> >> >> > > Step 2 The vector that we removed is known as curl but at this
>> >> >> > > time

>> >> >> > > nit
>> >> >> > > has no valu is the samee tho the vector direction is known.
>> >> >> > > Step 3 Faraday's law of Induced electromotive force. This is
>> >> >> > > somewhat
>> >> >> > > opposite to the consevative field in terms of rotation but in
>> >> >> > > relative
>> >> >> > > terms it where the consevative field is revolving around a
>> >> >> > > magnetic
>> >> >> > > field (hopefully you can visualise this) So we have a charge q
>> >> >> > > in
>> >> >> > > an
>> >> >> > > element of length ds, which element, at the instant considered
>> >> >> > > has
>> >> >> > > velocity u,experiences a force. Now I know some have difficulty
>> >> >> > > with
>> >> >> > > what I said earlier with respect to adding " at an instant of
>> >> >> > > time)
>> >> >> > > to
>> >> >> > > Gausses law which is the same length of time referred to above
>> >> >> > > as
>> >> >> > > "
>> >> >> > > at
>> >> >> > > the instant considered "
>> >> >> > >
>> >> >> > > Gtep 4 We then examine Lorentz equation which refers to an
>> >> >> > > induced
>> >> >> > > electric field which is present when, for example the magnetic
>> >> >> > > field
>> >> >> > > is
>> >> >> > > changing with time such that
>> >> >> > > v1 = 1/q integral F.ds. You can now see that any CONSERVATIVE
>> >> >> > > force
>> >> >> > > that might be included in F would integrate to zero thus
>> >> >> > > ommiting
>> >> >> > > any
>> >> >> > > electrostatic field that might be present Note again faradays
>> >> >> > > law,
>> >> >> > > it
>> >> >> > > is valid regardloess of the nature of the factor or factors
>> >> >> > > responsible
>> >> >> > > for change in magnetic flux. So now the overview of the cluster
>> >> >> > > of
>> >> >> > > resonant elements projected a conservative field with a
>> >> >> > > magnetic
>> >> >> > > vector
>> >> >> > > of zero reflecting" an instant of time" with respect to
>> >> >> > > resonant
>> >> >> > > elements and where the magnetic field will provide
>> >> >> > > motion to the electrostatic field where all charges will exibit
>> >> >> > > the

>> >> >> > > same direction of charge and will change in unison
>> >> >> > >
>> >> >> > > Now no amount of writing will get you to understand this flow
>> >> >> > > of
>> >> >> > > concept if you are not willing to have an open mind or think
>> >> >> > > around
>> >> >> > > something that at the present time you fail to understand and
>> >> >> > > are
>> >> >> > > not
>> >> >> > > willing to rethink thing, possibly in a different way than I
>> >> >> > > presented
>> >> >> > > it.
>> >> >> > >
>> >> >> > > If you are so inclined you can go back further in history and
>> >> >> > > play
>> >> >> > > with
>> >> >> > > the 4 vertical array of elements formed by Nagi to obtain
>> >> >> > > possible
>> >> >> > > insights since he also worked with an array of vertical
>> >> >> > > elements
>> >> >> > > all
>> >> >> > > of
>> >> >> > > which were resonant. His work has been rechecked via Matlab and
>> >> >> > > found
>> >> >> > > to be correct so you have a viable path to follow if you have a
>> >> >> > > modicom
>> >> >> > > of interest in this new concept. It must be noted that the
>> >> >> > > above
>> >> >> > > is
>> >> >> > > only a partial description of the concept
>> >> >> > > because I have yet to add a detuned element for directional
>> >> >> > > purposes
>> >> >> > > for the radiation field.
>> >> >> > >
>> >> >> > > There is nothing more that I can add that will persuade you to
>> >> >> > > follow
>> >> >> > > thru with this concept
>> >> >> > > so I believe I have now reached the Rubicon with respect to
>> >> >> > > this
>> >> >> > > vision
>> >> >> > > of mine. If you can't understand it now put it down to me not
>> >> >> > > being
>> >> >> > > smart enough to explain clearly electromagnetics to those
>> >> >> > > skilled
>> >> >> > > in
>> >> >> > > the art which I am now finding to be a hopeless task at least
>> >> >> > > here
>> >> >> > > in
>> >> >> > > the U.S. unless one can read it in a book and memorise it so
>> >> >> > > one

>> >> >> > > can
>> >> >> > > pass an exam..
>> >> >> > > Art
>> >> >> > >
>> >> >> > >
>> >> >> > >
>> >> >> > >
>> >> >> > >
>> >> >> > >
>> >> >> > >
>> >> >> > >
>> >> >> > > Jerry Martes wrote:
>> >> >> > >> "JIMMIE" <JIMMIEDEE123@YAHOO.COM> wrote in message
>> >> >> > >> news:1166838834.614006.26080@i12g2000cwa.googlegroups.com...
>> >> >> > >> >
>> >> >> > >> > Dave wrote:
>> >> >> > >> >> "art" <aunwin@insightbb.com> wrote in message
>> >> >> > >> >> news:1166543181.269834.203030@f1g2000cwa.googlegroups.com...
>> >> >> > >> >> > In the thread Rain static I referred to a closed surface
>> >> >> > >> >> > which
>> >> >> > >> >> > is
>> >> >> > >> >> > clearly
>> >> >> > >> >> > defined by Gauss's law.
>> >> >> > >> >>
>> >> >> > >> >> Gauss's law doesn't define a surface, the surface is any
>> >> >> > >> >> arbitrary
>> >> >> > >> >> surface
>> >> >> > >> >> surrounding a charge.
>> >> >> > >> >>
>> >> >> > >> >> >Let us now look at a time vary field applied to
>> >> >> > >> >> >
>> >> >> > >> >> > a dielectric. I fht efield is applied for the shortest of
>> >> >> > >> >> > time
>> >> >> > >> >> > the
>> >> >> > >> >> > charges
>> >> >> > >> >> > will stay on the surface. If time is longer than the
>> >> >> > >> >> > shortest
>> >> >> > >> >> > space
>> >> >> > >> >> > of
>> >> >> > >> >> > time
>> >> >> > >> >>
>> >> >> > >> >> you make it sound like there is some 'shortest' time where
>> >> >> > >> >> charges
>> >> >> > >> >> won't
>> >> >> > >> >> move. this is not true. no matter how short you make the
>> >> >> > >> >> time
>> >> >> > >> >> it
>> >> >> > >> >> will
>> >> >> > >> >> move
>> >> >> > >> >> the charges.

>> >> >> > >> >>
>> >> >> > >> >> > then charges will openetrate the closed surface. If the
>> >> >> > >> >> > surface
>> >> >> > >> >> > is
>> >> >> > >> >> > an
>> >> >> > >> >> > insulator type then it takes a long while to penetrate
>> >> >> > >> >> > but
>> >> >> > >> >> > if
>> >> >> > >> >> > the
>> >> >> > >> >> > surface
>> >> >> > >> >>
>> >> >> > >> >> Here you mix up 'surface' and 'surface'. the gauss's law
>> >> >> > >> >> 'surface' is
>> >> >> > >> >> a
>> >> >> > >> >> mathematically useful construction around a charge, it does
>> >> >> > >> >> not
>> >> >> > >> >> have
>> >> >> > >> >> any
>> >> >> > >> >> charge 'on' it, nor is there any 'penetration' of it by
>> >> >> > >> >> charge
>> >> >> > >> >> in
>> >> >> > >> >> gauss's
>> >> >> > >> >> law. it is strictly a non-material thing that is used only
>> >> >> > >> >> for
>> >> >> > >> >> calculation
>> >> >> > >> >> purposes.
>> >> >> > >> >>
>> >> >> > >> >> > is a good conductor then the charges will penetrate very
>> >> >> > >> >> > quickly so
>> >> >> > >> >> > we can associate the time constant of penetration to the
>> >> >> > >> >> > subject of
>> >> >> > >> >> > skin depth. If we are to associate the time varying field
>> >> >> > >> >> > to
>> >> >> > >> >> > a
>> >> >> > >> >> > gaussian field
>> >> >> > >> >>
>> >> >> > >> >> you have yet to define a 'gaussian field'. gauss's law
>> >> >> > >> >> applies
>> >> >> > >> >> to
>> >> >> > >> >> electric
>> >> >> > >> >> fields and their relation to charges.
>> >> >> > >> >>
>> >> >> > >> >> > all the excess charges must be on the surface by law.
>> >> >> > >> >>
>> >> >> > >> >> only in a 'perfect' conductor. dielectrics and 'empty'
>> >> >> > >> >> space
>> >> >> > >> >> can
>> >> >> > >> >> have
>> >> >> > >> >> distributed charges throughout.
>> >> >> > >> >>

>> >> >> > >> >> >Or in other words
>> >> >> > >> >> > the time evolved must be shorter than the time required
>> >> >> > >> >> > to
>> >> >> > >> >> > begin
>> >> >> > >> >> > penetration.
>> >> >> > >> >>
>> >> >> > >> >> huh? it just goes down hill from here. write some
>> >> >> > >> >> equations,
>> >> >> > >> >> do
>> >> >> > >> >> some
>> >> >> > >> >> drawings, publish a manuscript. all the rest is empty
>> >> >> > >> >> handwaving
>> >> >> > >> >> based
>> >> >> > >> >> on
>> >> >> > >> >> incorrect assumptions and missing definitions.
>> >> >> > >> >>
>> >> >> > >> >> > Thus for a short space of time all charges are on the
>> >> >> > >> >> > surface
>> >> >> > >> >> > and
>> >> >> > >> >> > the
>> >> >> > >> >> > charges
>> >> >> > >> >> > have a magnhe radiating eneetic and electric field
>> >> >> > >> >> > vectors.
>> >> >> > >> >> > Just
>> >> >> > >> >> > having
>> >> >> > >> >> > charges is not enough to convert to a gaussian field in
>> >> >> > >> >> > that
>> >> >> > >> >> > a
>> >> >> > >> >> > gaussian
>> >> >> > >> >> > field must be in equilibrium thus a cluster of elements
>> >> >> > >> >> > must have the direction of the surface charges change in
>> >> >> > >> >> > unison. For
>> >> >> > >> >> > a
>> >> >> > >> >> > cluster of elements to do this they must all be resonant
>> >> >> > >> >> > such
>> >> >> > >> >> > that
>> >> >> > >> >> > the
>> >> >> > >> >> > charges reach the ends of the elements at the same time.
>> >> >> > >> >> > Resonance
>> >> >> > >> >> > of
>> >> >> > >> >> > an element is determined by its diameter and its length
>> >> >> > >> >> > and
>> >> >> > >> >> > because
>> >> >> > >> >> > it
>> >> >> > >> >> > is coupled to other elements in the cluster the coupling
>> >> >> > >> >> > must
>> >> >> > >> >> > be
>> >> >> > >> >> > taken
>> >> >> > >> >> > into account to secure resonance of not only the
>> >> >> > >> >> > individual

>> >> >> > >> >> > elements
>> >> >> > >> >> > but of the cluster as a whole. When this is accomplished
>> >> >> > >> >> > the
>> >> >> > >> >> > charges
>> >> >> > >> >> > on
>> >> >> > >> >> > the surface of the closed volume are in equilibrium but
>> >> >> > >> >> > onty
>> >> >> > >> >> > for
>> >> >> > >> >> > that
>> >> >> > >> >> > shortest of short time and where that time is added to
>> >> >> > >> >> > the
>> >> >> > >> >> > gaussian
>> >> >> > >> >> > formulae for the transition to be complete. For the
>> >> >> > >> >> > Gaussian
>> >> >> > >> >> > field
>> >> >> > >> >> > or
>> >> >> > >> >> > volume we can say the energy inside the gaussian field is
>> >> >> > >> >> > equal
>> >> >> > >> >> > to
>> >> >> > >> >> > that
>> >> >> > >> >> > supplied by flux to the outside of the border and
>> >> >> > >> >> > remember
>> >> >> > >> >> > the
>> >> >> > >> >> > flux
>> >> >> > >> >> > inside consists of magnetic and electric vectoirs. We now
>> >> >> > >> >> > can
>> >> >> > >> >> > say
>> >> >> > >> >> > that
>> >> >> > >> >> > in a moment of time the flux produced from each element
>> >> >> > >> >> > that
>> >> >> > >> >> > breaches
>> >> >> > >> >> > the border in summation with the other elements is equal
>> >> >> > >> >> > to
>> >> >> > >> >> > the
>> >> >> > >> >> > radiating field outside of the border when each element
>> >> >> > >> >> > energy
>> >> >> > >> >> > makes
>> >> >> > >> >> > the transmittion. Thus the summation of each of the
>> >> >> > >> >> > clustered
>> >> >> > >> >> > elements
>> >> >> > >> >> > individual energy when the vectors are given a value
>> >> >> > >> >> > must equal the flux on the outside of the border that
>> >> >> > >> >> > produces
>> >> >> > >> >> > radiation. We also know that if we have a cluster of
>> >> >> > >> >> > elements
>> >> >> > >> >> > that
>> >> >> > >> >> > are
>> >> >> > >> >> > clustered together we can obtain radiation by just
>> >> >> > >> >> > applying
>> >> >> > >> >> > a

>> >> >> > >> >> > time
>> >> >> > >> >> > varing field to just one of the elements and by virtue of
>> >> >> > >> >> > intercoupling
>> >> >> > >> >> > all the radiating energy
>> >> >> > >> >> > will leave the near field. Thus we have two different
>> >> >> > >> >> > methods
>> >> >> > >> >> > of
>> >> >> > >> >> > determining the value of the radiated field
>> >> >> > >> >> > ! radiation from the clustered within a Gaussian field
>> >> >> > >> >> > and
>> >> >> > >> >> > 2 radiation from an array of coupled elements
>> >> >> > >> >> > Since the elements within the cluster are all of the same
>> >> >> > >> >> > "Q'"
>> >> >> > >> >> > the
>> >> >> > >> >> > determination of all factors
>> >> >> > >> >> > in the resulting equation are simplified to Ohms law and
>> >> >> > >> >> > where
>> >> >> > >> >> > the
>> >> >> > >> >> > laborious coupling calculations
>> >> >> > >> >> > are omitted. The above describes in first principles as
>> >> >> > >> >> > to
>> >> >> > >> >> > how
>> >> >> > >> >> > a
>> >> >> > >> >> > Gaussian field in a short space of time can be equated to
>> >> >> > >> >> > a
>> >> >> > >> >> > radiating
>> >> >> > >> >> > cluster using existing laws of the masters which also
>> >> >> > >> >> > embraces
>> >> >> > >> >> > NEC
>> >> >> > >> >> > code. Now many have said I have no understanding of
>> >> >> > >> >> > radiation
>> >> >> > >> >> > concepts
>> >> >> > >> >> > so go ahead and tear this apart and have a merry Xmas
>> >> >> > >> >> > doing
>> >> >> > >> >> > it
>> >> >> > >> >> > Art Unwin KB9MZ.....XG
>> >> >> > >> >> >
>> >> >> > >> >
>> >> >> > >> > It appears Art has picked up some phrases haphazardly and is
>> >> >> > >> > trying to
>> >> >> > >> > apply them to antennas some how, If I remember correctly
>> >> >> > >> > doesnt
>> >> >> > >> > Gaussian field apply to statistical distribution. Been a
>> >> >> > >> > long
>> >> >> > >> > time
>> >> >> > >> > since I had statistical analysis back in the early 70s but I
>> >> >> > >> > think
>> >> >> > >> > this
>> >> >> > >> > is also refered to as a "normal distribution".
>> >> >> > >>

>> >> >> > >> Hi Jimmy
>> >> >> > >>
>> >> >> > >> By my standards, you are *Right On* on all you wrote. I'm
>> >> >> > >> pretty
>> >> >> > >> sure
>> >> >> > >> Gaussian distribution of power across a radiating plane
>> >> >> > >> results
>> >> >> > >> (theoretically) in zero side lobes, That is also a very poor
>> >> >> > >> distribution
>> >> >> > >> when gain is a goal. I think the term Normal is synonymous
>> >> >> > >> with
>> >> >> > >> Gaussian
>> >> >> > >> when referring to aperture distribution.
>> >> >> > >>
>> >> >> > >> Jerry
>> >> >> > >
>> >> >
>> >
>

4368. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 05:19:01 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <9nnkh.7516$Rc5.1549@trnddc01>
Source record: 47542

Oh nuts, Art, I cant even read properly. I thought you told me that you
werent computer literate and that you werent able to define the antenna you
are proposing to be a "CLUSTER". I can only apologize for being so dumb
that I cant seem to make sense out of your posts. I'll leave you to
discuss your "CLUSTER" with those bright guys who can read and understand
your text.

You seem to have implied that you think ""EZNEC deals with parallel
elements probably must be in line"". It isnt true that EZNEC is limited to
either "parallel" elements nor "in line" elements.

Obviously I am far too easily satisfied with computer programs for
modeling antennas. I really like EZNEC and found it really easy to learn
how to navigate in it. Art, I could never discuss antenna theory or
operation with you are far too wise and knowledgeable for me.

Do you mind my asking what kind of profession you are employed in??

Jerry

"art" <aunwin@insightbb.com> wrote in message
news:1167194816.270056.16580@n51g2000cwc.googlegroups.com...
>
> Jerry Martes wrote:
>> Hi Art
>>
>> It really surprises me to earn that you know about Roy's program and
>> then
>> dismiss it. I thought you had explained that you werent able to use it
>> to
>> the satisfaction of some other Antenna guys.
>
> Don't know where you got that idea but EZNEC is one of the oldest
> programs around
> but science has moved on. Eznec is about the basic program you can find
> as well as one of the oldest. It cannot emulate what the majority of
> programs available today On the other hand many of the brightest people
> have left this group over the years and moved away from the few on this
> group who do use EZNEC and thus we have only a few people a miniscule
> amount of people who have stayed on with Roy and Co and the perenial
> slamming contests
> which is why the group is the way it is, the majority of knoweledgable
> hams have left
>
>>
>> I included a question within your post where I ask if you really want a

>> computer modeling progran to tell you where to locate elements.
>
>
> But of course eznec only deals with parallel elements probably must be
> in line.
> I want a program that allows investigation of random placed elements in
> random positions
> with wider beamwidths and a single lobe to the fore Eznec is not built
> for that sort of thing, it is built purely to add up the numbers of a
> predrawn array whereas there are lots of programs available that have
> advanced features far beyond what Eznec can supply because the latter
> has stagnated over the years with respect to computor advantages
> utelised by other programs. EZNEC is cheap and you get only what you
> pay for Others supply features that blow EZNEC back to the middle ages
> but for these advances you have to pay for.
>
>
>
>
>
>>
>> Is it true that there is a computer modeling program that is superior
>> (for
>> HAM/Amateur use) to EZNEC??? I'll go look for METLAB on the Internet.
> It depends on what hams want to do, Most would piddle with a antenna
> program for a week or two and then move on to other things, after all
> it gets boring drawing yagis day after day.
> If you want something cheap to draw yagis with then I doubt that EZNEC
> can be beaten
> If you want to move ahead with the science of the day then your needs
> are a lot, lot bigger than eznec can supply. The old adage reigns you
> only get what you pay for and stale bread is always cheaper.
> Regards
> Art
>
>
>>
>> Jerry
>>
>>
>>
>>
>> "art" <aunwin@insightbb.com> wrote in message
>> news:1167189796.892470.299780@a3g2000cwd.googlegroups.com...
>> > Jerry I am sure that a lot of people are happy with the purchase of
>> > EZNEC
>> > but it doesn't suit my purposes True I paid a lot more money that it
>> > would cost to buy EZNEC but I wanted a program that would teach me more
>> > than what a design provides.
>> > For instance if an element could be placed in a more desirable position

>> > I want it to move it.
>> > If the program determines to bend the element in a more desirable way
>> > then I want it to have the freedom to do it.
>>
>> Art, do you really mean what you seem to have said??? Do you want a
>> computer modeling program that *tells you* where to locate elements??
>>
>>
>> In other words I need a
>> > program that helps me not just shrug its shoulders emphasising the
>> > dumbness of the program. If you really want to get into modelling then
>> > have a go with MATLAB which is extremely versatile and gaining in use
>> > by the pro's On the other hand if you want to design a yagi it will
>> > respond to your needs, not what you want it to do but to add up the
>> > numbers for the array that you provide it and nothing more.
>> > Best regards
>> > Art
>> >
>> >
>> >
>> >
>> > Jerry Martes wrote:
>> >> OK Art, if you say that you arent actually "pulling my leg", perhaps
>> >> *I*
>> >> can help *you*. It doesnt require computer literacy to be able to
>> >> use
>> >> Roy's EZNEC. I am perhaps the least computer savy reader of this
>> >> News
>> >> Group. But, I am beginning to learn things with this antenna
>> >> modeling
>> >> program. I suggest to you that you will benefit so much as the
>> >> result
>> >> of
>> >> buying Roy's program that you will thank me for having suggested it to
>> >> you.
>> >> I dont consider it appropriate to use the free EZNEC program. The
>> >> "paid
>> >> for" version has somewhat improved capabilities. And the cost of
>> >> that
>> >> program is far less than the excellent test equipment you now have.
>> >> It
>> >> just seems Right to buy from Roy since he took so much time to make
>> >> such
>> >> a
>> >> capable tool for us.
>> >>
>> >> Go to Roy and buy the program best suited for analyzing your
>> >> concept.
>> >> It
>> >> is actually fun to see that program at work. You wont regret having

>> >> EZNEC
>> >> in your "tool box". Value per dollar, there is no tool available to
>> >> the
>> >> antenna designer that is better than EZNEC.
>> >>
>> >> Try it, you'll like it.
>> >> Jerry
>> >>
>> >>
>> >>
>> >> "art" <aunwin@insightbb.com> wrote in message
>> >> news:1167186544.518456.204770@73g2000cwn.googlegroups.com...
>> >> > No Jerry You couldn't be more wrong. I am not talking down to you
>> >> > I am responding in a way that didn't involve technical terms but
>> >> > evolved
>> >> > around the every day world. I could have quoted the law of every
>> >> > action has an equal and opposite reaction but I didn't think that
>> >> > fitted in with your request. Some people measure work as being the
>> >> > amount moved rather than the release of energy so I wanted to
>> >> > portray
>> >> > an amount of contained energy or potential energy which when allowed
>> >> > escapes the hold of equilibrium so the radiation process can start.
>> >> > I
>> >> > used the magnetised bearing to follow up where the retaining surface
>> >> > was not visible but still there as a magnetic field. I don't know of
>> >> > another way of explaining it unless I want to be preyed apon by
>> >> > spam.
>> >> > Jerry I am sharing things so people can participate in my journey.
>> >> > You
>> >> > must know I am very interested in what I am pursueing otherwise I
>> >> > would
>> >> > have just collapsed in the face of the naysayers. if you wish to
>> >> > pursue
>> >> > my line of thought but are concerned how others view you then keep
>> >> > everything to a private Email. It does not serve me well to make
>> >> > enemies in this group if my idea is to debate my thought though some
>> >> > do
>> >> > enjoy the thinking that the result elevates their iwn status and you
>> >> > learn to live with that. I responded to you in a lengthy dialogue
>> >> > which
>> >> > was in kind with your request which did not provide animosity of any
>> >> > sort which provided me the impetus to respond in the same manner.
>> >> > Jerry
>> >> > you haven't attacked me
>> >> > you were polite so have a rethink about this debate, I am sharing
>> >> > not
>> >> > taking
>> >> > Very best regards
>> >> > Art
>> >> >

>> >> >
>> >> > Jerry Martes wrote:
>> >> >> Hi Art
>> >> >>
>> >> >> I have to tell you that I am beginning to loose interest in this
>> >> >> thread.
>> >> >> I read about "equilibrium" and began to wonder what that meant in a
>> >> >> discussion about a cluster of radiators. Then, when you explained
>> >> >> equilibrium in terms of balloons, ball bearings and sweat, I began
>> >> >> to
>> >> >> wonder if you are pulling my leg.
>> >> >>
>> >> >> Now, I really feel like a guy who went snipe hunting and got left
>> >> >> out
>> >> >> alone all night. You are playing with me, aren't you?? I asked
>> >> >> for
>> >> >> data
>> >> >> and dimensions so I could work *with* you to better understand your
>> >> >> "Cluster"
>> >> >> You reply to my request for information with sentences like
>> >> >> his --
>> >> >>
>> >> >> >Sound simple but there are difficulties, when you weaken the
>> >> >> >enclosing
>> >> >> > force it does produce a major hole for directive purposes however
>> >> >> > at
>> >> >> > the same time multiple fissures open in other areas which
>> >> >> > provides a
>> >> >> > leakage trail for the swerling innards such that radiative energy
>> >> >> > on
>> >> >> > a
>> >> >> > smaller scale still escaopes to form radiation in other areas
>> >> >> > than
>> >> >> > the
>> >> >> > forward direction envisioned.
>> >> >>
>> >> >>
>> >> >> If your goal is to show that I am too stupid to know when I am
>> >> >> being
>> >> >> tricked, you won.
>> >> >>
>> >> >> Jerry
>> >> >>
>> >> >>
>> >> >>
>> >> >> "art" <aunwin@insightbb.com> wrote in message
>> >> >> news:1167181823.646582.21290@79g2000cws.googlegroups.com...
>> >> >> > Jerry,
>> >> >> > Let me take the opportunity of explaning the term equilibrium in
>> >> >> > a

>> >> >> > folksy sort of way
>> >> >> > to give you a better idea or insight to what it is really about.
>> >> >> > Basicaly when we talk of equilibrium we are talking about things
>> >> >> > that
>> >> >> > are somehow bound together. You often see in antenna books the
>> >> >> > squeezed
>> >> >> > ballon to show how energy is pushed from the rear to the front of
>> >> >> > the
>> >> >> > antenna, in that case the balloon is reacting or holding back the
>> >> >> > pressure inside the balloon so you can see in that case that the
>> >> >> > inside
>> >> >> > is in equilibrium by virtue of the holding power of the balloon.
>> >> >> > Another way of looking at equyilibrium is by placing a bunch of
>> >> >> > magnetised ball bearings that no matter how you juggle with them
>> >> >> > they
>> >> >> > stay together but you can't see any bag holding them together.
>> >> >> > Well
>> >> >> > in
>> >> >> > this case it is the magnetic energy holding things together
>> >> >> > instead
>> >> >> > of
>> >> >> > gravity taking over and pulling them apart one after the other.
>> >> >> > So
>> >> >> > how
>> >> >> > can we use this equilibrium glue thing when dealing with
>> >> >> > antennas?
>> >> >> > well
>> >> >> > you can see now that equoilibrium is really a stand off in
>> >> >> > forces,
>> >> >> > two
>> >> >> > people pushing against each other yet nothing is moving yet it is
>> >> >> > evident by the sweat that both men are working hard. Same way
>> >> >> > with
>> >> >> > the
>> >> >> > balloon that is holding all that radiation energy together and
>> >> >> > where
>> >> >> > the balloon is applying pressure on the energy inside of the
>> >> >> > balloon
>> >> >> > and like two men pushing there is no movement going on. If the
>> >> >> > balloon
>> >> >> > weakens somewhere you will see that the balloon will swoosh away
>> >> >> > in
>> >> >> > an
>> >> >> > undetermined direction but wait a minite if it is radiation
>> >> >> > energy
>> >> >> > we
>> >> >> > would sure like to push it all in the forward direction for
>> >> >> > maximum
>> >> >> > gain. So if we have a bunch of resonant elements in equilibrium
>> >> >> > containing the means for radiation we have to find a method of

>> >> >> > providing the break in a ideal position so that the innards are
>> >> >> > directed the same way. Well what we do with the bunch of
>> >> >> > radiating
>> >> >> > elements that are in equilibrium is to place another element into
>> >> >> > the
>> >> >> > bunch that is not resonant like it doesn't belong. What we find
>> >> >> > by
>> >> >> > doing thid is that all the radiation energy will swirl around
>> >> >> > striving
>> >> >> > to get to the weak part remembering that it is only when the
>> >> >> > energy
>> >> >> > escapes thru the hole can it start to produce a electrical and
>> >> >> > magnetic
>> >> >> > field which creates radiation , where as with a yagi the near
>> >> >> > field
>> >> >> > is
>> >> >> > produced immediatly the driven energy is provided and where the
>> >> >> > fields
>> >> >> > generate new field around each element it meets on its journey.
>> >> >> > So
>> >> >> > with
>> >> >> > equilibrium we can break it at any place we want to to provide
>> >> >> > directivenes where as with a yagi the radiation begins to start
>> >> >> > forming
>> >> >> > even tho it is being directed in many different directions.
>> >> >> > Naturally
>> >> >> > you can see the advantages of energy going in a single direction
>> >> >> > versus
>> >> >> > energy being bounced around
>> >> >> > until it sees daylight. So back to the beginning we have a bunch
>> >> >> > of
>> >> >> > elements that are resonant inside a surface like a balloon where
>> >> >> > if
>> >> >> > energy is applied to one of the elements it is sharedf with the
>> >> >> > other
>> >> >> > ele4ments immediatly without commensing the radiation trail and
>> >> >> > by
>> >> >> > placing a detuned element in the cluster we can chose the
>> >> >> > directiopn
>> >> >> > than the energy of each element takes and where it follows its
>> >> >> > predessesor in releasing its radiative energy.
>> >> >> > Sound simple but there are difficulties, when you weaken the
>> >> >> > enclosing
>> >> >> > force it does produce a major hole for directive purposes however
>> >> >> > at
>> >> >> > the same time multiple fissures open in other areas which
>> >> >> > provides a
>> >> >> > leakage trail for the swerling innards such that radiative energy
>> >> >> > on
>> >> >> > a

>> >> >> > smaller scale still escaopes to form radiation in other areas
>> >> >> > than
>> >> >> > the
>> >> >> > forward direction envisioned. The next person to come along will
>> >> >> > address this problem I am sure once presentented with the
>> >> >> > incentive
>> >> >> > that this new concept provides. No miricals but one step forward
>> >> >> > makes
>> >> >> > all things possible
>> >> >> > Regards
>> >> >> > Art
>> >> >> > art wrote:
>> >> >> >> Jerh each otherry
>> >> >> >> What I am doing is to get away from inline coupling of elements.
>> >> >> >> The
>> >> >> >> Yagi antenna is one of these where all the elements are in line.
>> >> >> >> What
>> >> >> >> I
>> >> >> >> am doing is to arrange a a bunch of elements in a group or
>> >> >> >> cluster
>> >> >> >> such
>> >> >> >> that each and all elements couple with each other rather than
>> >> >> >> the
>> >> >> >> the
>> >> >> >> two elements along side. By doing this and yet making the bunch
>> >> >> >> of
>> >> >> >> elements resonant on their own as well as being driven by one
>> >> >> >> element
>> >> >> >> as with the normal antenna you have to make changes in either
>> >> >> >> the
>> >> >> >> length, dia or material of each element to compensate for all
>> >> >> >> the
>> >> >> >> other
>> >> >> >> factors implanted on them by the proximity of all the other
>> >> >> >> elements
>> >> >> >> in
>> >> >> >> the bunch or cluster. When this is done correctly the bunch of
>> >> >> >> elements
>> >> >> >> are in equilibrium with each other and where each element
>> >> >> >> impedance
>> >> >> >> is
>> >> >> >> devoid or has reactance minimised. The reason for this aproach
>> >> >> >> is
>> >> >> >> the
>> >> >> >> two resistances that you encounter are the resistance of the
>> >> >> >> material
>> >> >> >> used for the element which is where the current flows below the
>> >> >> >> surface
>> >> >> >> and the radiation resistance which is from the current that
>> >> >> >> flows

>> >> >> >> on
>> >> >> >> top of the surface
>> >> >> >> to produce radiation. Since it is radiation that we are
>> >> >> >> concerned
>> >> >> >> with
>> >> >> >> only true resistance is of importance and where reactiveness in
>> >> >> >> the
>> >> >> >> impedances provide no benefit to radiation.
>> >> >> >> The bottom line is that we want to avoid reactivenes whereas the
>> >> >> >> yagi
>> >> >> >> by coupling elements
>> >> >> >> that are untuned or not resonant promotes reactiveness. An
>> >> >> >> example
>> >> >> >> of
>> >> >> >> what this reactiveness does to an array is to make the value
>> >> >> >> curves
>> >> >> >> for
>> >> >> >> gain, back to front and swr all peaking at different frequencies
>> >> >> >> where
>> >> >> >> as the ideal arrangement is to have all the curves peak near the
>> >> >> >> same
>> >> >> >> frequency so that when using the antenna across the band you
>> >> >> >> have a
>> >> >> >> fairly consistent gain figure instead of having to cut it at the
>> >> >> >> high
>> >> >> >> or low end of the band in a compromising effort. When building
>> >> >> >> such
>> >> >> >> an
>> >> >> >> array you take advantage of height in the turning radius of the
>> >> >> >> beam
>> >> >> >> since you dont have to place all elements in a single line as
>> >> >> >> with
>> >> >> >> a
>> >> >> >> yagi which imposes limits on antenna length. by utilising height
>> >> >> >> of
>> >> >> >> the
>> >> >> >> array you can have a smaller rotating radius with the same gain
>> >> >> >> of
>> >> >> >> a
>> >> >> >> yagi with a larger turning radius together with a bandwidth with
>> >> >> >> smoothed variables.
>> >> >> >> Hope that helps and clears some of the mystery away from
>> >> >> >> clustered
>> >> >> >> arrays. This aproach by the way also applies to vertical arrays
>> >> >> >> from
>> >> >> >> which you can get horizontal, vertical and circular radiation
>> >> >> >> where
>> >> >> >> each has its special place of use. Use of academic terms was
>> >> >> >> only
>> >> >> >> provided because some academics don't like change and want to

>> >> >> >> see
>> >> >> >> the
>> >> >> >> same things they see in books and for some reason were taught
>> >> >> >> that
>> >> >> >> talk
>> >> >> >> of statics in the same room as electromagnetics is blasphamy yet
>> >> >> >> they
>> >> >> >> cannot bring forward anything in the books that say they are
>> >> >> >> totally
>> >> >> >> separable. By the way I mentioned Nagy where as it should have
>> >> >> >> been
>> >> >> >> Brown who did so much in recent years in broadcasting and T.V.
>> >> >> >> Have fun with antennas and don't get intimidated by those who
>> >> >> >> learned
>> >> >> >> things in College only to memorise and pass exams instead of
>> >> >> >> using
>> >> >> >> knoweledge to advance the quality of life.
>> >> >> >> Best regards
>> >> >> >> Art
>> >> >> >>
>> >> >> >>
>> >> >> >> Jerry Martes wrote:
>> >> >> >> > Hi Art
>> >> >> >> >
>> >> >> >> > Thanks for taking your time to direct me to some very
>> >> >> >> > complex
>> >> >> >> > thinking.
>> >> >> >> > But, I'm a rather simple guy who isnt well educated. You
>> >> >> >> > apparently
>> >> >> >> > expect
>> >> >> >> > a "just regular guy" like me to understand the ccomplex
>> >> >> >> > convoluted
>> >> >> >> > theoretical stuff that you write about.
>> >> >> >> > When I did work as an antenna design engineer, years ago, I
>> >> >> >> > saw
>> >> >> >> > some
>> >> >> >> > of my
>> >> >> >> > buddies working on the distribution of energy across apertures
>> >> >> >> > in
>> >> >> >> > an
>> >> >> >> > effort
>> >> >> >> > to shape beams. One of their considerations was to decrease
>> >> >> >> > the
>> >> >> >> > power
>> >> >> >> > to
>> >> >> >> > the elements as they were more distant from the center of the
>> >> >> >> > array.
>> >> >> >> > I
>> >> >> >> > remember reading that when the power is tapered to provide a
>> >> >> >> > distribution

>> >> >> >> > about equivalent to a Gaussian Distribution, the side lobes
>> >> >> >> > were
>> >> >> >> > minimal.
>> >> >> >> >
>> >> >> >> > I really enjoy thinking about real antenna construction
>> >> >> >> > projects.
>> >> >> >> > but,
>> >> >> >> > when it gets to the Maxwell's Equation kind of analysis, I get
>> >> >> >> > lost.
>> >> >> >> > I
>> >> >> >> > dont
>> >> >> >> > even know what a Vector is.
>> >> >> >> > You may have the wrong impression about me, Art, I'm an old
>> >> >> >> > guy
>> >> >> >> > who
>> >> >> >> > wants
>> >> >> >> > to have fun with antennas. It isnt necessary for you to tell
>> >> >> >> > me
>> >> >> >> > to
>> >> >> >> > "get
>> >> >> >> > back
>> >> >> >> > to basics". I dont have interest in the "basics" you refer
>> >> >> >> > to.
>> >> >> >> >
>> >> >> >> > Is it possible for you to tell us (me) what you are
>> >> >> >> > referring
>> >> >> >> > to
>> >> >> >> > without
>> >> >> >> > referring to Vectors, Gauss's law, Lorentz, "Nagi", and even
>> >> >> >> > elementary
>> >> >> >> > calculus? Frankly, Art, you confuse me when you write such
>> >> >> >> > scholarly
>> >> >> >> > paragraphs. You and I are so far removed from each other
>> >> >> >> > intellectually
>> >> >> >> > that I can never keep up with your texts.
>> >> >> >> >
>> >> >> >> > Jerry
>> >> >> >> >
>> >> >> >> >
>> >> >> >> > "art" <aunwin@insightbb.com> wrote in message
>> >> >> >> > news:1167167953.784946.88350@h40g2000cwb.googlegroups.com...
>> >> >> >> > > Jerry, get back to basics and look up a conservative field
>> >> >> >> > > relative
>> >> >> >> > > to
>> >> >> >> > > Gaussian law.
>> >> >> >> > > Step 1
>> >> >> >> > > It is a group of electric charges with an addition vector of
>> >> >> >> > > zero.
>> >> >> >> > > So
>> >> >> >> > > move backwards and remove that vector if you wish and you

>> >> >> >> > > have
>> >> >> >> > > a
>> >> >> >> > > gaussian field of electrical charges which in the case of a
>> >> >> >> > > bunch
>> >> >> >> > > of
>> >> >> >> > > resonant elements can be seen as all positive or all
>> >> >> >> > > negative
>> >> >> >> > > charges
>> >> >> >> > > and we also know that Gaussian law is valid even for
>> >> >> >> > > enclosed
>> >> >> >> > > charges
>> >> >> >> > > in motion.
>> >> >> >> > >
>> >> >> >> > > Step 2 The vector that we removed is known as curl but at
>> >> >> >> > > this
>> >> >> >> > > time
>> >> >> >> > > nit
>> >> >> >> > > has no valu is the samee tho the vector direction is known.
>> >> >> >> > > Step 3 Faraday's law of Induced electromotive force. This is
>> >> >> >> > > somewhat
>> >> >> >> > > opposite to the consevative field in terms of rotation but
>> >> >> >> > > in
>> >> >> >> > > relative
>> >> >> >> > > terms it where the consevative field is revolving around a
>> >> >> >> > > magnetic
>> >> >> >> > > field (hopefully you can visualise this) So we have a
>> >> >> >> > > charge q
>> >> >> >> > > in
>> >> >> >> > > an
>> >> >> >> > > element of length ds, which element, at the instant
>> >> >> >> > > considered
>> >> >> >> > > has
>> >> >> >> > > velocity u,experiences a force. Now I know some have
>> >> >> >> > > difficulty
>> >> >> >> > > with
>> >> >> >> > > what I said earlier with respect to adding " at an instant
>> >> >> >> > > of
>> >> >> >> > > time)
>> >> >> >> > > to
>> >> >> >> > > Gausses law which is the same length of time referred to
>> >> >> >> > > above
>> >> >> >> > > as
>> >> >> >> > > "
>> >> >> >> > > at
>> >> >> >> > > the instant considered "
>> >> >> >> > >
>> >> >> >> > > Gtep 4 We then examine Lorentz equation which refers to an
>> >> >> >> > > induced
>> >> >> >> > > electric field which is present when, for example the
>> >> >> >> > > magnetic

>> >> >> >> > > field
>> >> >> >> > > is
>> >> >> >> > > changing with time such that
>> >> >> >> > > v1 = 1/q integral F.ds. You can now see that any
>> >> >> >> > > CONSERVATIVE
>> >> >> >> > > force
>> >> >> >> > > that might be included in F would integrate to zero thus
>> >> >> >> > > ommiting
>> >> >> >> > > any
>> >> >> >> > > electrostatic field that might be present Note again
>> >> >> >> > > faradays
>> >> >> >> > > law,
>> >> >> >> > > it
>> >> >> >> > > is valid regardloess of the nature of the factor or factors
>> >> >> >> > > responsible
>> >> >> >> > > for change in magnetic flux. So now the overview of the
>> >> >> >> > > cluster
>> >> >> >> > > of
>> >> >> >> > > resonant elements projected a conservative field with a
>> >> >> >> > > magnetic
>> >> >> >> > > vector
>> >> >> >> > > of zero reflecting" an instant of time" with respect to
>> >> >> >> > > resonant
>> >> >> >> > > elements and where the magnetic field will provide
>> >> >> >> > > motion to the electrostatic field where all charges will
>> >> >> >> > > exibit
>> >> >> >> > > the
>> >> >> >> > > same direction of charge and will change in unison
>> >> >> >> > >
>> >> >> >> > > Now no amount of writing will get you to understand this
>> >> >> >> > > flow
>> >> >> >> > > of
>> >> >> >> > > concept if you are not willing to have an open mind or think
>> >> >> >> > > around
>> >> >> >> > > something that at the present time you fail to understand
>> >> >> >> > > and
>> >> >> >> > > are
>> >> >> >> > > not
>> >> >> >> > > willing to rethink thing, possibly in a different way than I
>> >> >> >> > > presented
>> >> >> >> > > it.
>> >> >> >> > >
>> >> >> >> > > If you are so inclined you can go back further in history
>> >> >> >> > > and
>> >> >> >> > > play
>> >> >> >> > > with
>> >> >> >> > > the 4 vertical array of elements formed by Nagi to obtain
>> >> >> >> > > possible
>> >> >> >> > > insights since he also worked with an array of vertical
>> >> >> >> > > elements

>> >> >> >> > > all
>> >> >> >> > > of
>> >> >> >> > > which were resonant. His work has been rechecked via Matlab
>> >> >> >> > > and
>> >> >> >> > > found
>> >> >> >> > > to be correct so you have a viable path to follow if you
>> >> >> >> > > have a
>> >> >> >> > > modicom
>> >> >> >> > > of interest in this new concept. It must be noted that the
>> >> >> >> > > above
>> >> >> >> > > is
>> >> >> >> > > only a partial description of the concept
>> >> >> >> > > because I have yet to add a detuned element for directional
>> >> >> >> > > purposes
>> >> >> >> > > for the radiation field.
>> >> >> >> > >
>> >> >> >> > > There is nothing more that I can add that will persuade you
>> >> >> >> > > to
>> >> >> >> > > follow
>> >> >> >> > > thru with this concept
>> >> >> >> > > so I believe I have now reached the Rubicon with respect to
>> >> >> >> > > this
>> >> >> >> > > vision
>> >> >> >> > > of mine. If you can't understand it now put it down to me
>> >> >> >> > > not
>> >> >> >> > > being
>> >> >> >> > > smart enough to explain clearly electromagnetics to those
>> >> >> >> > > skilled
>> >> >> >> > > in
>> >> >> >> > > the art which I am now finding to be a hopeless task at
>> >> >> >> > > least
>> >> >> >> > > here
>> >> >> >> > > in
>> >> >> >> > > the U.S. unless one can read it in a book and memorise it so
>> >> >> >> > > one
>> >> >> >> > > can
>> >> >> >> > > pass an exam..
>> >> >> >> > > Art
>> >> >> >> > >
>> >> >> >> > >
>> >> >> >> > >
>> >> >> >> > >
>> >> >> >> > >
>> >> >> >> > >
>> >> >> >> > >
>> >> >> >> > >
>> >> >> >> > > Jerry Martes wrote:
>> >> >> >> > >> "JIMMIE" <JIMMIEDEE123@YAHOO.COM> wrote in message
>> >> >> >> > >> news:1166838834.614006.26080@i12g2000cwa.googlegroups.com...
>> >> >> >> > >> >

>> >> >> >> > >> > Dave wrote:
>> >> >> >> > >> >> "art" <aunwin@insightbb.com> wrote in message
>> >> >> >> > >> >> news:1166543181.269834.203030@f1g2000cwa.googlegroups.com...
>> >> >> >> > >> >> > In the thread Rain static I referred to a closed
>> >> >> >> > >> >> > surface
>> >> >> >> > >> >> > which
>> >> >> >> > >> >> > is
>> >> >> >> > >> >> > clearly
>> >> >> >> > >> >> > defined by Gauss's law.
>> >> >> >> > >> >>
>> >> >> >> > >> >> Gauss's law doesn't define a surface, the surface is any
>> >> >> >> > >> >> arbitrary
>> >> >> >> > >> >> surface
>> >> >> >> > >> >> surrounding a charge.
>> >> >> >> > >> >>
>> >> >> >> > >> >> >Let us now look at a time vary field applied to
>> >> >> >> > >> >> >
>> >> >> >> > >> >> > a dielectric. I fht efield is applied for the shortest
>> >> >> >> > >> >> > of
>> >> >> >> > >> >> > time
>> >> >> >> > >> >> > the
>> >> >> >> > >> >> > charges
>> >> >> >> > >> >> > will stay on the surface. If time is longer than the
>> >> >> >> > >> >> > shortest
>> >> >> >> > >> >> > space
>> >> >> >> > >> >> > of
>> >> >> >> > >> >> > time
>> >> >> >> > >> >>
>> >> >> >> > >> >> you make it sound like there is some 'shortest' time
>> >> >> >> > >> >> where
>> >> >> >> > >> >> charges
>> >> >> >> > >> >> won't
>> >> >> >> > >> >> move. this is not true. no matter how short you make
>> >> >> >> > >> >> the
>> >> >> >> > >> >> time
>> >> >> >> > >> >> it
>> >> >> >> > >> >> will
>> >> >> >> > >> >> move
>> >> >> >> > >> >> the charges.
>> >> >> >> > >> >>
>> >> >> >> > >> >> > then charges will openetrate the closed surface. If
>> >> >> >> > >> >> > the
>> >> >> >> > >> >> > surface
>> >> >> >> > >> >> > is
>> >> >> >> > >> >> > an
>> >> >> >> > >> >> > insulator type then it takes a long while to penetrate
>> >> >> >> > >> >> > but
>> >> >> >> > >> >> > if
>> >> >> >> > >> >> > the
>> >> >> >> > >> >> > surface

>> >> >> >> > >> >>
>> >> >> >> > >> >> Here you mix up 'surface' and 'surface'. the gauss's
>> >> >> >> > >> >> law
>> >> >> >> > >> >> 'surface' is
>> >> >> >> > >> >> a
>> >> >> >> > >> >> mathematically useful construction around a charge, it
>> >> >> >> > >> >> does
>> >> >> >> > >> >> not
>> >> >> >> > >> >> have
>> >> >> >> > >> >> any
>> >> >> >> > >> >> charge 'on' it, nor is there any 'penetration' of it by
>> >> >> >> > >> >> charge
>> >> >> >> > >> >> in
>> >> >> >> > >> >> gauss's
>> >> >> >> > >> >> law. it is strictly a non-material thing that is used
>> >> >> >> > >> >> only
>> >> >> >> > >> >> for
>> >> >> >> > >> >> calculation
>> >> >> >> > >> >> purposes.
>> >> >> >> > >> >>
>> >> >> >> > >> >> > is a good conductor then the charges will penetrate
>> >> >> >> > >> >> > very
>> >> >> >> > >> >> > quickly so
>> >> >> >> > >> >> > we can associate the time constant of penetration to
>> >> >> >> > >> >> > the
>> >> >> >> > >> >> > subject of
>> >> >> >> > >> >> > skin depth. If we are to associate the time varying
>> >> >> >> > >> >> > field
>> >> >> >> > >> >> > to
>> >> >> >> > >> >> > a
>> >> >> >> > >> >> > gaussian field
>> >> >> >> > >> >>
>> >> >> >> > >> >> you have yet to define a 'gaussian field'. gauss's law
>> >> >> >> > >> >> applies
>> >> >> >> > >> >> to
>> >> >> >> > >> >> electric
>> >> >> >> > >> >> fields and their relation to charges.
>> >> >> >> > >> >>
>> >> >> >> > >> >> > all the excess charges must be on the surface by law.
>> >> >> >> > >> >>
>> >> >> >> > >> >> only in a 'perfect' conductor. dielectrics and 'empty'
>> >> >> >> > >> >> space
>> >> >> >> > >> >> can
>> >> >> >> > >> >> have
>> >> >> >> > >> >> distributed charges throughout.
>> >> >> >> > >> >>
>> >> >> >> > >> >> >Or in other words
>> >> >> >> > >> >> > the time evolved must be shorter than the time
>> >> >> >> > >> >> > required
>> >> >> >> > >> >> > to

>> >> >> >> > >> >> > begin
>> >> >> >> > >> >> > penetration.
>> >> >> >> > >> >>
>> >> >> >> > >> >> huh? it just goes down hill from here. write some
>> >> >> >> > >> >> equations,
>> >> >> >> > >> >> do
>> >> >> >> > >> >> some
>> >> >> >> > >> >> drawings, publish a manuscript. all the rest is empty
>> >> >> >> > >> >> handwaving
>> >> >> >> > >> >> based
>> >> >> >> > >> >> on
>> >> >> >> > >> >> incorrect assumptions and missing definitions.
>> >> >> >> > >> >>
>> >> >> >> > >> >> > Thus for a short space of time all charges are on the
>> >> >> >> > >> >> > surface
>> >> >> >> > >> >> > and
>> >> >> >> > >> >> > the
>> >> >> >> > >> >> > charges
>> >> >> >> > >> >> > have a magnhe radiating eneetic and electric field
>> >> >> >> > >> >> > vectors.
>> >> >> >> > >> >> > Just
>> >> >> >> > >> >> > having
>> >> >> >> > >> >> > charges is not enough to convert to a gaussian field
>> >> >> >> > >> >> > in
>> >> >> >> > >> >> > that
>> >> >> >> > >> >> > a
>> >> >> >> > >> >> > gaussian
>> >> >> >> > >> >> > field must be in equilibrium thus a cluster of
>> >> >> >> > >> >> > elements
>> >> >> >> > >> >> > must have the direction of the surface charges change
>> >> >> >> > >> >> > in
>> >> >> >> > >> >> > unison. For
>> >> >> >> > >> >> > a
>> >> >> >> > >> >> > cluster of elements to do this they must all be
>> >> >> >> > >> >> > resonant
>> >> >> >> > >> >> > such
>> >> >> >> > >> >> > that
>> >> >> >> > >> >> > the
>> >> >> >> > >> >> > charges reach the ends of the elements at the same
>> >> >> >> > >> >> > time.
>> >> >> >> > >> >> > Resonance
>> >> >> >> > >> >> > of
>> >> >> >> > >> >> > an element is determined by its diameter and its
>> >> >> >> > >> >> > length
>> >> >> >> > >> >> > and
>> >> >> >> > >> >> > because
>> >> >> >> > >> >> > it
>> >> >> >> > >> >> > is coupled to other elements in the cluster the
>> >> >> >> > >> >> > coupling
>> >> >> >> > >> >> > must

>> >> >> >> > >> >> > be
>> >> >> >> > >> >> > taken
>> >> >> >> > >> >> > into account to secure resonance of not only the
>> >> >> >> > >> >> > individual
>> >> >> >> > >> >> > elements
>> >> >> >> > >> >> > but of the cluster as a whole. When this is
>> >> >> >> > >> >> > accomplished
>> >> >> >> > >> >> > the
>> >> >> >> > >> >> > charges
>> >> >> >> > >> >> > on
>> >> >> >> > >> >> > the surface of the closed volume are in equilibrium
>> >> >> >> > >> >> > but
>> >> >> >> > >> >> > onty
>> >> >> >> > >> >> > for
>> >> >> >> > >> >> > that
>> >> >> >> > >> >> > shortest of short time and where that time is added to
>> >> >> >> > >> >> > the
>> >> >> >> > >> >> > gaussian
>> >> >> >> > >> >> > formulae for the transition to be complete. For the
>> >> >> >> > >> >> > Gaussian
>> >> >> >> > >> >> > field
>> >> >> >> > >> >> > or
>> >> >> >> > >> >> > volume we can say the energy inside the gaussian field
>> >> >> >> > >> >> > is
>> >> >> >> > >> >> > equal
>> >> >> >> > >> >> > to
>> >> >> >> > >> >> > that
>> >> >> >> > >> >> > supplied by flux to the outside of the border and
>> >> >> >> > >> >> > remember
>> >> >> >> > >> >> > the
>> >> >> >> > >> >> > flux
>> >> >> >> > >> >> > inside consists of magnetic and electric vectoirs. We
>> >> >> >> > >> >> > now
>> >> >> >> > >> >> > can
>> >> >> >> > >> >> > say
>> >> >> >> > >> >> > that
>> >> >> >> > >> >> > in a moment of time the flux produced from each
>> >> >> >> > >> >> > element
>> >> >> >> > >> >> > that
>> >> >> >> > >> >> > breaches
>> >> >> >> > >> >> > the border in summation with the other elements is
>> >> >> >> > >> >> > equal
>> >> >> >> > >> >> > to
>> >> >> >> > >> >> > the
>> >> >> >> > >> >> > radiating field outside of the border when each
>> >> >> >> > >> >> > element
>> >> >> >> > >> >> > energy
>> >> >> >> > >> >> > makes
>> >> >> >> > >> >> > the transmittion. Thus the summation of each of the
>> >> >> >> > >> >> > clustered

>> >> >> >> > >> >> > elements
>> >> >> >> > >> >> > individual energy when the vectors are given a value
>> >> >> >> > >> >> > must equal the flux on the outside of the border that
>> >> >> >> > >> >> > produces
>> >> >> >> > >> >> > radiation. We also know that if we have a cluster of
>> >> >> >> > >> >> > elements
>> >> >> >> > >> >> > that
>> >> >> >> > >> >> > are
>> >> >> >> > >> >> > clustered together we can obtain radiation by just
>> >> >> >> > >> >> > applying
>> >> >> >> > >> >> > a
>> >> >> >> > >> >> > time
>> >> >> >> > >> >> > varing field to just one of the elements and by virtue
>> >> >> >> > >> >> > of
>> >> >> >> > >> >> > intercoupling
>> >> >> >> > >> >> > all the radiating energy
>> >> >> >> > >> >> > will leave the near field. Thus we have two different
>> >> >> >> > >> >> > methods
>> >> >> >> > >> >> > of
>> >> >> >> > >> >> > determining the value of the radiated field
>> >> >> >> > >> >> > ! radiation from the clustered within a Gaussian
>> >> >> >> > >> >> > field
>> >> >> >> > >> >> > and
>> >> >> >> > >> >> > 2 radiation from an array of coupled elements
>> >> >> >> > >> >> > Since the elements within the cluster are all of the
>> >> >> >> > >> >> > same
>> >> >> >> > >> >> > "Q'"
>> >> >> >> > >> >> > the
>> >> >> >> > >> >> > determination of all factors
>> >> >> >> > >> >> > in the resulting equation are simplified to Ohms law
>> >> >> >> > >> >> > and
>> >> >> >> > >> >> > where
>> >> >> >> > >> >> > the
>> >> >> >> > >> >> > laborious coupling calculations
>> >> >> >> > >> >> > are omitted. The above describes in first principles
>> >> >> >> > >> >> > as
>> >> >> >> > >> >> > to
>> >> >> >> > >> >> > how
>> >> >> >> > >> >> > a
>> >> >> >> > >> >> > Gaussian field in a short space of time can be equated
>> >> >> >> > >> >> > to
>> >> >> >> > >> >> > a
>> >> >> >> > >> >> > radiating
>> >> >> >> > >> >> > cluster using existing laws of the masters which also
>> >> >> >> > >> >> > embraces
>> >> >> >> > >> >> > NEC
>> >> >> >> > >> >> > code. Now many have said I have no understanding of
>> >> >> >> > >> >> > radiation
>> >> >> >> > >> >> > concepts
>> >> >> >> > >> >> > so go ahead and tear this apart and have a merry Xmas

>> >> >> >> > >> >> > doing
>> >> >> >> > >> >> > it
>> >> >> >> > >> >> > Art Unwin KB9MZ.....XG
>> >> >> >> > >> >> >
>> >> >> >> > >> >
>> >> >> >> > >> > It appears Art has picked up some phrases haphazardly and
>> >> >> >> > >> > is
>> >> >> >> > >> > trying to
>> >> >> >> > >> > apply them to antennas some how, If I remember correctly
>> >> >> >> > >> > doesnt
>> >> >> >> > >> > Gaussian field apply to statistical distribution. Been a
>> >> >> >> > >> > long
>> >> >> >> > >> > time
>> >> >> >> > >> > since I had statistical analysis back in the early 70s
>> >> >> >> > >> > but I
>> >> >> >> > >> > think
>> >> >> >> > >> > this
>> >> >> >> > >> > is also refered to as a "normal distribution".
>> >> >> >> > >>
>> >> >> >> > >> Hi Jimmy
>> >> >> >> > >>
>> >> >> >> > >> By my standards, you are *Right On* on all you wrote.
>> >> >> >> > >> I'm
>> >> >> >> > >> pretty
>> >> >> >> > >> sure
>> >> >> >> > >> Gaussian distribution of power across a radiating plane
>> >> >> >> > >> results
>> >> >> >> > >> (theoretically) in zero side lobes, That is also a very
>> >> >> >> > >> poor
>> >> >> >> > >> distribution
>> >> >> >> > >> when gain is a goal. I think the term Normal is
>> >> >> >> > >> synonymous
>> >> >> >> > >> with
>> >> >> >> > >> Gaussian
>> >> >> >> > >> when referring to aperture distribution.
>> >> >> >> > >>
>> >> >> >> > >> Jerry
>> >> >> >> > >
>> >> >> >>
>> >> >>
>> >>
>

4369. Re: i punce in agin on hloiday

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 05:30:09 UTC
From: TransWench <popesnarky@meow.org>
Message-ID: <pan.2006.12.27.05.30.01.484564@meower.flonker.kookologist.sf-fan.callahanian>
Source record: 47543
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.cb,alt.usenet.kooks

I was busily flonking away in AUK, when The Goddess Eris Herself suddenly
made me reply to Andy the Perv Timberlake:
> The Demon Princess of Obtusity blathered in a syphilitic rage:
>> On Mon, 25 Dec 2006 12:30:45 -0500, Wabbit, posting as
>> Mark@kb9rqz.aspr, did the cha-cha, and screamed:
>>
>> > ok I back four anoter tuff day on the news grupes it my job tast is
>> > waht I
>> > do so bringit on you loosers
>> > show-na-to-va (that is the greeting for this time of year as JEW
>> > rendered
>> > phonicticaly)
>> > happy new years it means and it can be better one if Wismen Robson
>> > and SC a few just decided to not to be as hateful with the punce
>> > gotcha he wonders why I simple don't bother to ty impoving my
>> > spelling do u hav anyting
>> > cognet two say?
>>
>> Yes. I do hope the FNVW remembers Wabbit for the Edmond Wollmann
>> Memorial Rubber Xmas Turkey. Chung shouldn't always get it.
>
> Just like you hope to remember how your daddy gives you your xmas
> present from behind without K-Y and pressing down on your zit filled
> back, no doubt.

Nice fantasy you have there. Did you come up with it yourself, or did
you have to steal it?

--

Hail Eris! All hail Discordia!! Kallisti!!! mhm 29x21
Pope Snarky Goodfella of the undulating cable, JM,
CK, POEE, KOTHASK, GGGHD, HCNB, IAC, MWFA
COOSN-029-06-71069
Email popesnarky *at* gmail.com

I want a boyfriend who is sensitive and caring,
but they already have boyfriends.
http://groups.yahoo.com/group/Cabal_of_the_Holy_Pretzel/join
"email is not a private form of communication." -- Dustin Cook, in
Message-ID: <1157484607.556401.25070@h48g2000cwc.googlegroups.com>
"Dustin is FILTH in my opinion. And not for any reason other than
posting Rhonda's personal info." -- Respondant

"After the Swift Boat Veterans who served with Kerry in Vietnam claimed that Kerry lied about his heroism, the Democrats wanted to make a similar ad attacking Bush, but they couldn't find anyone who served with him." -- Anonymous

"You would no longer be here if I were to stop praying for you." Andrew B. Chung's delusions of grandeur are getting out of hand, in MID: <1160653810.937331.31980@e3g2000cwe.googlegroups.com>

4370. steve Robeson write stuff like this for fun

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 05:32:14 UTC
From: Mark@kb9rqz.aprs
Message-ID: <r914p2dvo1lebfq5nrct94tg2hlhrpgcfq@4ax.com>
Source record: 47544
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.cb,alt.usenet.kooks

On Wed, 27 Dec 2006 05:30:09 GMT, TransWench <popesnarky@meow.org>
wrote:

>I was busily flonking away in AUK, when The Goddess Eris Herself suddenly
>made me reply to Andy the Perv Timberlake:
>> The Demon Princess of Obtusity blathered in a syphilitic rage:
>>> On Mon, 25 Dec 2006 12:30:45 -0500, Wabbit, posting as
>>> Mark@kb9rqz.aspr, did the cha-cha, and screamed:
>>>
>>> > ok I back four anoter tuff day on the news grupes it my job tast is
>>> > waht I
>>> > do so bringit on you loosers
>>> > show-na-to-va (that is the greeting for this time of year as JEW
>>> > rendered
>>> > phonicticaly)
>>> > happy new years it means and it can be better one if Wismen Robson
>>> > and SC a few just decided to not to be as hateful with the punce
>>> > gotcha he wonders why I simple don't bother to ty impoving my
>>> > spelling do u hav anyting
>>> > cognet two say?
>>>
>>> Yes. I do hope the FNVW remembers Wabbit for the Edmond Wollmann
>>> Memorial Rubber Xmas Turkey. Chung shouldn't always get it.
>>
>> Just like you hope to remember how your daddy gives you your xmas
>> present from behind without K-Y and pressing down on your zit filled
>> back, no doubt.
>
>Nice fantasy you have there. Did you come up with it yourself, or did
>you have to steal it?
steve Robeson likely wrote it for him
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4371. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 13:53:46 UTC
From: chuck <nospam@nospam.org>
Message-ID: <1167227699_5423@sp6iad.superfeed.net>
Source record: 47545

Dave wrote:
> "chuck" <nospam@nospam.org> wrote in message
> news:1167172211_1273@sp6iad.superfeed.net...
>> Dave wrote:
>>
>>> i have a feeling that what you will find is that the individual charges
>>> on drops, flakes, and dust is too small to be detected by a normal
>>> amateur receiver. However, the electric field that must accompany them
>>> is what generates the corona effects that can be heard. Just think about
>>> it, how do small particles get charged without also generating a larger
>>> bulk field? The effect that charges the particles, be it dry friction
>>> from wind on dust, or freezing and convection in clouds (any cloud, not
>>> just those with enough charge to generate lightning) is not an individual
>>> particle effect, it happens to many, many particles at once which
>>> cumulatively create a much larger electric field than any one of them
>>> alone could create. And while the charge transfer of small drops
>>> striking a conductor may not be enough to stimulate a receiver the corona
>>> caused by the accumulated field over the whole height of the structure
>>> can be significant.
>> Charges can be accumulated on objects so as to produce a corona breakdown
>> in many ways. I think this is one of our fundamental starting points and
>> hopefully, was never in question. The separation of charges can be
>> accomplished by a variety of techniques, not all well-understood.
>>
>> A moving cloud of charged particles can induce very large charges into a
>> grounded conductor. A sufficient concentration of charge at pointed
>> components of the conductor will produce a corona. The corona plainly
>> radiates "noise" that is detected by our receivers.
>>
>> There is less certainty about whether an ungrounded conductor (say, an
>> unattached wire) can be made to produce a corona via electrostatic
>> induction. As I wrote in an earlier post in this thread, an ungrounded
>> conductor cannot be charged by an external field, but the distribution of
>> charges preexisting on the conductor can be affected by the field, perhaps
>> causing coronal discharges. I recall writing that uneven discharges of the
>> positive and negative "ends" of the conductor could even leave the
>> conductor with a net charge.
>>
>> Your points are good ones, Dave, and worth keeping in mind.
>
> floating conductors can definitely create corona. this can be seen in
> corona camera pictures of power line insulators and other hardware that is
> insulated but still in the high field near a power line. even water drops
> on insulators can cause corona in a very strong field. and even if you get

> away from power line stuff, a leyden jar has an insulated conductor and it
> can obviously be charged, as can aircraft... and if they accumulate enough
> charge they can cause corona.
>
>

Hi Dave,

A leyden jar is, of course, a capacitor. It is charged by grounding the outside, applying a charge to the inside conductor, and then removing the ground. Hope I didn't cause anyone to suspect that a capacitor could not be charged that way.

Recall that in electrostatic induction, we always ground the conductor, bring a field near it, and then remove the ground connection. A net charge then remains on the conductor even after the inducing field is moved away.

Aircraft can be and are regularly charged by the triboelectric effect. The issue I raised is whether they can be given a net charge by immersion in an electric field.

I also tried to explain that it is possible for a floating conductor to produce a coronal discharge without that conductor having a net charge, and followed with the suggestion that the act of producing a differential coronal discharge might itself result in a net charge on the conductor, but the corona can be produced by the field even when the conductor is not charged. Your power line example may be a good example of coronal discharge of a floating conductor in a strong field, but we probably don't know if it ever had a net charge on it due to the field.

Hope this clarifies my thoughts a little. ;-)

73,

Chuck

-----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

4372. Re: Mechanics of AC current flow - ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 14:09:14 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <e8vkh.7517$yC5.4032@newssvr27.news.prodigy.net>
Source record: 47546

k1drw wrote:
> RE: the vertical configuration: It seems then, that the 2nd half
> of the cycle on the vertical (where the current flow is coming out of
> the vertical element and into the radials) is practically worthless in
> terms of radiating signal into the 'ether'.

Dennis, you got the simplified version. When current is flowing into the antenna, electrons are flowing out of the antenna. When current is flowing out of the antenna, electrons are flowing into the antenna. Either way the electrons are flowing, they are being accelerated for part of the cycle. So RF radiation (photon generation) occurs no matter which way the electrons are flowing.

In addition, the vertical is a standing wave antenna. It actually has RF waves moving both directions at the same time. There's the forward wave moving toward the top of the antenna and the reflected wave moving from the top back toward the feedpoint. The SWR on a 1/2 wavelength dipole is in the ballpark of 20:1.

For an antenna to be close to 100% efficient, it must radiate equally during both half cycles.

You can blame Ben Franklin for current flowing the opposite direction from the electron flow. He didn't know electrons carried a negative charge. So by definition, current flows from plus to minus but electrons actually flow from minus to plus. In addition, RF current flow is associated with the RF electromagnetic wave (photons) , not with the electrons which move much slower than the speed of light.
--
73, Cecil http://www.w5dxp.com

4373. Re: Mechanics of AC current flow - ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 14:24:32 UTC
From: John Smith I <assemblywizard@gmail.com>
Message-ID: <emtvkj$u9l$1@aioe.org>
Source record: 47547

Cecil Moore wrote:
> k1drw wrote:
>> RE: the vertical configuration: It seems then, that the 2nd half
>> of the cycle on the vertical (where the current flow is coming out of
>> the vertical element and into the radials) is practically worthless in
>> terms of radiating signal into the 'ether'.
>
> Dennis, you got the simplified version. When current is
> flowing into the antenna, electrons are flowing out of
> the antenna. When current is flowing out of the antenna,
> electrons are flowing into the antenna. Either way the
> electrons are flowing, they are being accelerated for
> part of the cycle. So RF radiation (photon generation)
> occurs no matter which way the electrons are flowing.
>
> In addition, the vertical is a standing wave antenna.
> It actually has RF waves moving both directions at the
> same time. There's the forward wave moving toward the
> top of the antenna and the reflected wave moving from
> the top back toward the feedpoint. The SWR on a 1/2
> wavelength dipole is in the ballpark of 20:1.
>
> For an antenna to be close to 100% efficient, it must
> radiate equally during both half cycles.
>
> You can blame Ben Franklin for current flowing the opposite
> direction from the electron flow. He didn't know electrons
> carried a negative charge. So by definition, current flows
> from plus to minus but electrons actually flow from minus
> to plus. In addition, RF current flow is associated with
> the RF electromagnetic wave (photons) , not with the
> electrons which move much slower than the speed of light.

Cecil:

I was unaware that anyone had proved the "absolute" existence of
photons, beyond mathematical formula and "interpreted" experiments ...

This:
The "discovery" of the photon, based on the interpretation of
experimental results that otherwise seemed mysterious, was made in a
scientific paper by Albert Einstein in 1905.

from here:
http://zebu.uoregon.edu/~soper/Light/photons.html

This:
Photon was a live action series based on the infrared tag game popular in the 1980s. The series took place on Earth and in space on various worlds and involved a young human teen named Christopher Jarvis who is a champion player of Photon. He receives a mysterious message one day while playing and is transported to the ship of Mother One, the leader of the Federation of Light a galactic amalgam of beings dedicated to playing Photon and the power of good over evil. ...
en.wikipedia.org/wiki/Photon_(TV_series)

from here:
http://www.google.com/search?hl=en&q=define%3Aphoton&btnG=Google+Search

Chuckle,
JS

4374. Re: i punce in agin on hloiday

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 14:28:12 UTC
From: Not Cocksucker Lloyd <not_time_turd_lloyd@yahoo.com>
Message-ID: <1167229692.085869.138060@79g2000cws.googlegroups.com>
Source record: 47548
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.cb,alt.usenet.kooks

TransWench wrote:
> I was busily flonking away in AUK, when The Goddess Eris Herself suddenly
> made me reply to Andy the Perv Timberlake:
> > The Demon Princess of Obtusity blathered in a syphilitic rage:
> >> On Mon, 25 Dec 2006 12:30:45 -0500, Wabbit, posting as
> >> Mark@kb9rqz.aspr, did the cha-cha, and screamed:
> >>
> >> > ok I back four anoter tuff day on the news grupes it my job tast is
> >> > waht I
> >> > do so bringit on you loosers
> >> > show-na-to-va (that is the greeting for this time of year as JEW
> >> > rendered
> >> > phonicticaly)
> >> > happy new years it means and it can be better one if Wismen Robson
> >> > and SC a few just decided to not to be as hateful with the punce
> >> > gotcha he wonders why I simple don't bother to ty impoving my
> >> > spelling do u hav anyting
> >> > cognet two say?
> >>
> >> Yes. I do hope the FNVW remembers Wabbit for the Edmond Wollmann
> >> Memorial Rubber Xmas Turkey. Chung shouldn't always get it.
> >
> > Just like you hope to remember how your daddy gives you your xmas
> > present from behind without K-Y and pressing down on your zit filled
> > back, no doubt.
>
> Nice fantasy you have there. Did you come up with it yourself, or did
> you have to steal it?

Nice admission that it is true.

4375. Re: steve veraion of christmas cheer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 14:29:15 UTC
From: Not Cocksucker Lloyd <not_time_turd_lloyd@yahoo.com>
Message-ID: <1167229755.232516.205420@n51g2000cwc.googlegroups.com>
Source record: 47549
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.cb

```
Mark@kb9rqz.aprs wrote:
> On 26 Dec 2006 09:38:29 -0800, "Andy the Perv Timberlake"
> <andy_theperv_timberlake@yahoo.com> wrote:
>
> >
> >Mark@kb9rqz.aprs wrote:
> >> On 26 Dec 2006 09:27:40 -0800, "Andy the Perv Timberlake"
> >> <andy_theperv_timberlake@yahoo.com> wrote:
> >>
> >> >The Demon Princess of Obtusity blathered in a syphilitic rage:
> >> >> On Mon, 25 Dec 2006 12:30:45 -0500, Wabbit, posting as Mark@kb9rqz.aspr,
> >> >> did the cha-cha, and screamed:
> >> >>
> >> >> > ok I back four anoter tuff day on the news grupes it my job tast is waht
> >> >> > I
> >> >> > do so bringit on you loosers
> >> >> > show-na-to-va (that is the greeting for this time of year as JEW
> >> >> > rendered
> >> >> > phonicticaly)
> >> >> > happy new years it means and it can be better one if Wismen Robson and SC
> >> >> > a few just decided to not to be as hateful with the punce gotcha he
> >> >> > wonders why I simple don't bother to ty impoving my spelling do u hav
> >> >> > anyting
> >> >> > cognet two say?
> >> >>
> >> >> Yes. I do hope the FNVW remembers Wabbit for the Edmond Wollmann
> >> >> Memorial Rubber Xmas Turkey. Chung shouldn't always get it.
> >> >>
> >> >Just like you hope to remember how your daddy gives you your xmas
> >> >present from behind without K-Y and pressing down on your zit filled
> >> >back, no doubt.
> >> stick to Hal tuner he might be dumb enough for you to tackle
> >>
> >What's a "Hal tuner?" Is that what they used on the computer in 2001: A
> >Space Odyssey, you fucking illiterate faggot?
>
> you know

No, nobody can read your gibbering, retarded monkey.
```

4376. Re: steve veraion of christmas cheer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 14:39:51 UTC
From: Not Cocksucker Lloyd <not_time_turd_lloyd@yahoo.com>
Message-ID: <1167230391.875374.195940@73g2000cwn.googlegroups.com>
Source record: 47550
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

Mark@kb9rqz.aprs wrote:
> On 26 Dec 2006 09:35:32 -0800, "Andy the Perv Timberlake"
> <andy_theperv_timberlake@yahoo.com> wrote:
>
> >
> >Mark@kb9rqz.aprs wrote:
> >> On 17 Dec 2006 12:36:02 -0800, "Not Cocksucker Lloyd"
> >> <not_time_turd_lloyd@yahoo.com> wrote:
> >>
> >> >
> >> >Mark@kb9rqz.aprs wrote:
> >> >> On 17 Dec 2006 07:42:28 -0800, "K4YZ" <stevenrobeson@aol.com>
> >> >> wrote:Re: "Mark C Morgan" Is What Happens When The Short Yellow Bus
> >> >> Takes A Detour
> >> >>
> >> >>
> >> >> stop being such absolute horror of a human being
> >> >>
> >> >> you have admited you post this way becuase it entertains like you were
> >> >> posting at one the RAPE was funny too
> >> >
> >> >You are the one who claimed to enjoy being raped, Marqueer.
> >>
> >> lying again woger
> >
> >You admitted it on here.
>
> no woger

Wrong guess, dumbass.

> >
> >> >
> >> >BTW, what happened to your statement that if they drop the code you
> >> >were out of here for good? Looks like you lied again!
> >>
> >> woger I said I would leave when I could sign kb9rqz/ae
> >
> >Nope you siad you'd leave once they dropped the code requirement.
>
> stop lying woger

You first, Marqueer.

> >
> >> can't do that yet
> >
> >You'll never be able to do it, retard.
>
> saure I will be able to sign kb9rqz/ae soon enough mostly a matter of
> finding a test sesion I can easily get to the weather is runing cold
> and snow/icey

Excuses, excuses, If you could pass it you'd have passed it before.

> >
> >> but you can't tell the truth
> >
> >Oh, the irony.
>
> you can't tell the truth that is why you spread Steve version of
> christmass cheer

But "pagans" like you aren't supposed to celebrate Christmas, dumbass.

> becuase you can't even invent your own lies you need someone to do it
> for you

No, anybody could out-wit you, Markie.

4377. Re: Mechanics of AC current flow - ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 14:45:11 UTC
From: John Smith I <assemblywizard@gmail.com>
Message-ID: <emu0rb$1cj$1@aioe.org>
Source record: 47551

John Smith I wrote:
> ...

Or, put "simply":
http://news.bbc.co.uk/2/hi/science/nature/4862112.stm

Regards,
JS

4378. Re: Mechanics of AC current flow - ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 14:57:04 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <6Rvkh.13420$Gw4.4331@newssvr23.news.prodigy.net>
Source record: 47552

John Smith I wrote:
> I was unaware that anyone had proved the "absolute" existence of
> photons, beyond mathematical formula and "interpreted" experiments ...

A Google search for "existence of photons" turned up
more than one million entries. The existence of photons
has been proved to my satisfaction. They have been
captured on sub-atomic particle plots and have been
proved to obey Planck's quantum principle. A single
photon has been shown to interfere with itself during
double slit experiments. A photon certainly exists but
I am not "absolutely" certain of exactly what it really
is as photons possess the particle-wave duality. However,
so do electrons and massive 60 atom carbon Buckyballs.
So how can 60 carbon atoms go through two slots at the
same time?

Here's one of the photon experiments.

http://people.whitman.edu/~beckmk/QM/grangier/grangier.html
--
73, Cecil http://www.w5dxp.com

4379. Re: Mechanics of AC current flow - ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 15:07:11 UTC
From: John Smith I <assemblywizard@gmail.com>
Message-ID: <emu24j$4m8$1@aioe.org>
Source record: 47553

Cecil Moore wrote:
> ...

Cecil, OM:

I agree, there is something which surely "acts" much like a "real" photon should. Mostly, I am just joshing 'ya.

But, we may have to revise our present theory about photons in the future, at some point.

However, there is one photon which has been all over the house here, actually, it CAN seem to be in two places at once! I have termed the discovery of this "new photon" the "Fly-Photon" and have began swatting at it!

Chuckling,
JS

4380. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 15:27:34 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <Ghwkh.1095$cl.994@trnddc05>
Source record: 47554

Well, Art, You and I are probably about the same age. I'm 75, so I was too young to fight in WWII. Also like you I spent time in the service. I spent 4 wonderful years as a radio operator and repairman in the USAF during the Korean conflict. I considered that experience to be extremely rewarding. I also got an engineering degree and worked as an antenna design engineer for 15 years, but got layed off in 1969 because I wasnt quite good enough at it to be considered essential.

If you ever get around to sketching the approximate details of your "cluster" of radiators, send it to me. I'll try to model it. I'm OK at reading sketches, but not nearly as good at reading and understanding your written text descriptions. Maybe I should have studied more when I was young. Then, maybe, I could fathom your text.

Jerry

"art" <aunwin@insightbb.com> wrote in message
news:1167229261.714432.108500@79g2000cws.googlegroups.com...
> Jerry I am unenmployed, have been for more than 15 years
> but fortunately I have no need for money or things like that since I
> accumulated
> all that I could possibly need during my life. Have a very old Mercedes
> in one of the garages that I am hoping to put back on the road soon, if
> I remember rightly it has about 300,000 miles
> on it but frankly I enjoy driving that than my newere model. When I was
> working I traveled quite a bit both in Europe and the Carribean but now
> I have no interest in leaving the home space. So there you have it now
> you know all about me Oh yes I am a former immigrant from the U.K. and
> a company brought me and my family over on a contract so I suppose you
> can say I also talk a bit funny since I was born in the East end of
> London. Lived in various houses during the war years as Goering did his
> best to get a lot of Londoners but there was always another bomb
> damaged house that one can move into. Did some time in the Military,
> the British army but that was a really waste of time. Best place I have
> been to , that would be Biaritz which is at the southwest part of
> France, spent some time there over the years nestled at the base of the
> pyrennees with france at one side, spain on the other side, the other
> way was the ocean and ofcourse the mountains. Havent done any
> programming in years but used to work with basic and Fortran in the old
> days but now everything I play with is canned. Now you ask what I did
> when I was employed, well I worked for G.E. as a so called senior
> engineer but that was a long time ago but they are very genorous with
> respect to their pensions. Now as I get older I suffer from various
> medical problems like heart attackes which required balloon procedured,
> open heart and pacemaker type of ornaments, a gall bladder that eroded

> to paper thicknes that bustedand had to be taken out the hard way and
> ofcourse my memory has taken a bashing as a result of the heart
> misbehaving which is probably the reason people like to make a stab at
> me.
> But the bottom line is that I am a very happy man and satisfied with my
> present surroundings and life. Lets face it many have not had even a
> short space in time where they were at peace with the world for no
> fault of their own and yet I was given a lifetime of the good life,
> why?
> Go figure.
> Regards
> Art
>
>
>
> Jerry Martes wrote:
>> Oh nuts, Art, I cant even read properly. I thought you told me that you
>> werent computer literate and that you werent able to define the antenna
>> you
>> are proposing to be a "CLUSTER". I can only apologize for being so dumb
>> that I cant seem to make sense out of your posts. I'll leave you to
>> discuss your "CLUSTER" with those bright guys who can read and understand
>> your text.
>>
>> You seem to have implied that you think ""EZNEC deals with parallel
>> elements probably must be in line"". It isnt true that EZNEC is limited
>> to
>> either "parallel" elements nor "in line" elements.
>>
>> Obviously I am far too easily satisfied with computer programs for
>> modeling antennas. I really like EZNEC and found it really easy to
>> learn
>> how to navigate in it. Art, I could never discuss antenna theory or
>> operation with you are far too wise and knowledgeable for me.
>>
>> Do you mind my asking what kind of profession you are employed in??
>>
>> Jerry
>>
>>
>>
>> "art" <aunwin@insightbb.com> wrote in message
>> news:1167194816.270056.16580@n51g2000cwc.googlegroups.com...
>> >
>> > Jerry Martes wrote:
>> >> Hi Art
>> >>
>> >> It really surprises me to earn that you know about Roy's program and
>> >> then
>> >> dismiss it. I thought you had explained that you werent able to use

>> >> it
>> >> to
>> >> the satisfaction of some other Antenna guys.
>> >
>> > Don't know where you got that idea but EZNEC is one of the oldest
>> > programs around
>> > but science has moved on. Eznec is about the basic program you can find
>> > as well as one of the oldest. It cannot emulate what the majority of
>> > programs available today On the other hand many of the brightest people
>> > have left this group over the years and moved away from the few on this
>> > group who do use EZNEC and thus we have only a few people a miniscule
>> > amount of people who have stayed on with Roy and Co and the perenial
>> > slamming contests
>> > which is why the group is the way it is, the majority of knoweledgable
>> > hams have left
>> >
>> >>
>> >> I included a question within your post where I ask if you really
>> >> want a
>> >> computer modeling progran to tell you where to locate elements.
>> >
>> >
>> > But of course eznec only deals with parallel elements probably must be
>> > in line.
>> > I want a program that allows investigation of random placed elements in
>> > random positions
>> > with wider beamwidths and a single lobe to the fore Eznec is not built
>> > for that sort of thing, it is built purely to add up the numbers of a
>> > predrawn array whereas there are lots of programs available that have
>> > advanced features far beyond what Eznec can supply because the latter
>> > has stagnated over the years with respect to computor advantages
>> > utelised by other programs. EZNEC is cheap and you get only what you
>> > pay for Others supply features that blow EZNEC back to the middle ages
>> > but for these advances you have to pay for.
>> >
>> >
>> >
>> >
>> >
>> >>
>> >> Is it true that there is a computer modeling program that is
>> >> superior
>> >> (for
>> >> HAM/Amateur use) to EZNEC??? I'll go look for METLAB on the
>> >> Internet.
>> > It depends on what hams want to do, Most would piddle with a antenna
>> > program for a week or two and then move on to other things, after all
>> > it gets boring drawing yagis day after day.
>> > If you want something cheap to draw yagis with then I doubt that EZNEC
>> > can be beaten

>> > If you want to move ahead with the science of the day then your needs
>> > are a lot, lot bigger than eznec can supply. The old adage reigns you
>> > only get what you pay for and stale bread is always cheaper.
>> > Regards
>> > Art
>> >
>> >
>> >>
>> >> Jerry
>> >>
>> >>
>> >>
>> >>
>> >> "art" <aunwin@insightbb.com> wrote in message
>> >> news:1167189796.892470.299780@a3g2000cwd.googlegroups.com...
>> >> > Jerry I am sure that a lot of people are happy with the purchase of
>> >> > EZNEC
>> >> > but it doesn't suit my purposes True I paid a lot more money that it
>> >> > would cost to buy EZNEC but I wanted a program that would teach me
>> >> > more
>> >> > than what a design provides.
>> >> > For instance if an element could be placed in a more desirable
>> >> > position
>> >> > I want it to move it.
>> >> > If the program determines to bend the element in a more desirable
>> >> > way
>> >> > then I want it to have the freedom to do it.
>> >>
>> >> Art, do you really mean what you seem to have said??? Do you want
>> >> a
>> >> computer modeling program that *tells you* where to locate elements??
>> >>
>> >>
>> >> In other words I need a
>> >> > program that helps me not just shrug its shoulders emphasising the
>> >> > dumbness of the program. If you really want to get into modelling
>> >> > then
>> >> > have a go with MATLAB which is extremely versatile and gaining in
>> >> > use
>> >> > by the pro's On the other hand if you want to design a yagi it will
>> >> > respond to your needs, not what you want it to do but to add up the
>> >> > numbers for the array that you provide it and nothing more.
>> >> > Best regards
>> >> > Art
>> >> >
>> >> >
>> >> >
>> >> >
>> >> > Jerry Martes wrote:
>> >> >> OK Art, if you say that you arent actually "pulling my leg",

>> >> >> perhaps
>> >> >> *I*
>> >> >> can help *you*. It doesnt require computer literacy to be able to
>> >> >> use
>> >> >> Roy's EZNEC. I am perhaps the least computer savy reader of this
>> >> >> News
>> >> >> Group. But, I am beginning to learn things with this antenna
>> >> >> modeling
>> >> >> program. I suggest to you that you will benefit so much as the
>> >> >> result
>> >> >> of
>> >> >> buying Roy's program that you will thank me for having suggested it
>> >> >> to
>> >> >> you.
>> >> >> I dont consider it appropriate to use the free EZNEC program. The
>> >> >> "paid
>> >> >> for" version has somewhat improved capabilities. And the cost of
>> >> >> that
>> >> >> program is far less than the excellent test equipment you now have.
>> >> >> It
>> >> >> just seems Right to buy from Roy since he took so much time to make
>> >> >> such
>> >> >> a
>> >> >> capable tool for us.
>> >> >>
>> >> >> Go to Roy and buy the program best suited for analyzing your
>> >> >> concept.
>> >> >> It
>> >> >> is actually fun to see that program at work. You wont regret
>> >> >> having
>> >> >> EZNEC
>> >> >> in your "tool box". Value per dollar, there is no tool available
>> >> >> to
>> >> >> the
>> >> >> antenna designer that is better than EZNEC.
>> >> >>
>> >> >> Try it, you'll like it.
>> >> >> Jerry
>> >> >>
>> >> >>
>> >> >>
>> >> >> "art" <aunwin@insightbb.com> wrote in message
>> >> >> news:1167186544.518456.204770@73g2000cwn.googlegroups.com...
>> >> >> > No Jerry You couldn't be more wrong. I am not talking down to you
>> >> >> > I am responding in a way that didn't involve technical terms but
>> >> >> > evolved
>> >> >> > around the every day world. I could have quoted the law of every
>> >> >> > action has an equal and opposite reaction but I didn't think that
>> >> >> > fitted in with your request. Some people measure work as being
>> >> >> > the

>> >> >> > amount moved rather than the release of energy so I wanted to
>> >> >> > portray
>> >> >> > an amount of contained energy or potential energy which when
>> >> >> > allowed
>> >> >> > escapes the hold of equilibrium so the radiation process can
>> >> >> > start.
>> >> >> > I
>> >> >> > used the magnetised bearing to follow up where the retaining
>> >> >> > surface
>> >> >> > was not visible but still there as a magnetic field. I don't know
>> >> >> > of
>> >> >> > another way of explaining it unless I want to be preyed apon by
>> >> >> > spam.
>> >> >> > Jerry I am sharing things so people can participate in my
>> >> >> > journey.
>> >> >> > You
>> >> >> > must know I am very interested in what I am pursueing otherwise I
>> >> >> > would
>> >> >> > have just collapsed in the face of the naysayers. if you wish to
>> >> >> > pursue
>> >> >> > my line of thought but are concerned how others view you then
>> >> >> > keep
>> >> >> > everything to a private Email. It does not serve me well to make
>> >> >> > enemies in this group if my idea is to debate my thought though
>> >> >> > some
>> >> >> > do
>> >> >> > enjoy the thinking that the result elevates their iwn status and
>> >> >> > you
>> >> >> > learn to live with that. I responded to you in a lengthy dialogue
>> >> >> > which
>> >> >> > was in kind with your request which did not provide animosity of
>> >> >> > any
>> >> >> > sort which provided me the impetus to respond in the same manner.
>> >> >> > Jerry
>> >> >> > you haven't attacked me
>> >> >> > you were polite so have a rethink about this debate, I am sharing
>> >> >> > not
>> >> >> > taking
>> >> >> > Very best regards
>> >> >> > Art
>> >> >> >
>> >> >> >
>> >> >> > Jerry Martes wrote:
>> >> >> >> Hi Art
>> >> >> >>
>> >> >> >> I have to tell you that I am beginning to loose interest in
>> >> >> >> this
>> >> >> >> thread.
>> >> >> >> I read about "equilibrium" and began to wonder what that meant
>> >> >> >> in a

>> >> >> >> discussion about a cluster of radiators. Then, when you
>> >> >> >> explained
>> >> >> >> equilibrium in terms of balloons, ball bearings and sweat, I
>> >> >> >> began
>> >> >> >> to
>> >> >> >> wonder if you are pulling my leg.
>> >> >> >>
>> >> >> >> Now, I really feel like a guy who went snipe hunting and got
>> >> >> >> left
>> >> >> >> out
>> >> >> >> alone all night. You are playing with me, aren't you?? I
>> >> >> >> asked
>> >> >> >> for
>> >> >> >> data
>> >> >> >> and dimensions so I could work *with* you to better understand
>> >> >> >> your
>> >> >> >> "Cluster"
>> >> >> >> You reply to my request for information with sentences like
>> >> >> >> his --
>> >> >> >>
>> >> >> >> >Sound simple but there are difficulties, when you weaken the
>> >> >> >> >enclosing
>> >> >> >> > force it does produce a major hole for directive purposes
>> >> >> >> > however
>> >> >> >> > at
>> >> >> >> > the same time multiple fissures open in other areas which
>> >> >> >> > provides a
>> >> >> >> > leakage trail for the swerling innards such that radiative
>> >> >> >> > energy
>> >> >> >> > on
>> >> >> >> > a
>> >> >> >> > smaller scale still escaopes to form radiation in other areas
>> >> >> >> > than
>> >> >> >> > the
>> >> >> >> > forward direction envisioned.
>> >> >> >>
>> >> >> >>
>> >> >> >> If your goal is to show that I am too stupid to know when I am
>> >> >> >> being
>> >> >> >> tricked, you won.
>> >> >> >>
>> >> >> >> Jerry
>> >> >> >>
>> >> >> >>
>> >> >> >>
>> >> >> >> "art" <aunwin@insightbb.com> wrote in message
>> >> >> >> news:1167181823.646582.21290@79g2000cws.googlegroups.com...
>> >> >> >> > Jerry,
>> >> >> >> > Let me take the opportunity of explaning the term equilibrium
>> >> >> >> > in

>> >> >> >> > a
>> >> >> >> > folksy sort of way
>> >> >> >> > to give you a better idea or insight to what it is really
>> >> >> >> > about.
>> >> >> >> > Basicaly when we talk of equilibrium we are talking about
>> >> >> >> > things
>> >> >> >> > that
>> >> >> >> > are somehow bound together. You often see in antenna books the
>> >> >> >> > squeezed
>> >> >> >> > ballon to show how energy is pushed from the rear to the front
>> >> >> >> > of
>> >> >> >> > the
>> >> >> >> > antenna, in that case the balloon is reacting or holding back
>> >> >> >> > the
>> >> >> >> > pressure inside the balloon so you can see in that case that
>> >> >> >> > the
>> >> >> >> > inside
>> >> >> >> > is in equilibrium by virtue of the holding power of the
>> >> >> >> > balloon.
>> >> >> >> > Another way of looking at equyilibrium is by placing a bunch
>> >> >> >> > of
>> >> >> >> > magnetised ball bearings that no matter how you juggle with
>> >> >> >> > them
>> >> >> >> > they
>> >> >> >> > stay together but you can't see any bag holding them together.
>> >> >> >> > Well
>> >> >> >> > in
>> >> >> >> > this case it is the magnetic energy holding things together
>> >> >> >> > instead
>> >> >> >> > of
>> >> >> >> > gravity taking over and pulling them apart one after the
>> >> >> >> > other.
>> >> >> >> > So
>> >> >> >> > how
>> >> >> >> > can we use this equilibrium glue thing when dealing with
>> >> >> >> > antennas?
>> >> >> >> > well
>> >> >> >> > you can see now that equoilibrium is really a stand off in
>> >> >> >> > forces,
>> >> >> >> > two
>> >> >> >> > people pushing against each other yet nothing is moving yet it
>> >> >> >> > is
>> >> >> >> > evident by the sweat that both men are working hard. Same way
>> >> >> >> > with
>> >> >> >> > the
>> >> >> >> > balloon that is holding all that radiation energy together and
>> >> >> >> > where
>> >> >> >> > the balloon is applying pressure on the energy inside of the
>> >> >> >> > balloon
>> >> >> >> > and like two men pushing there is no movement going on. If the

>> >> >> >> > balloon
>> >> >> >> > weakens somewhere you will see that the balloon will swoosh
>> >> >> >> > away
>> >> >> >> > in
>> >> >> >> > an
>> >> >> >> > undetermined direction but wait a minite if it is radiation
>> >> >> >> > energy
>> >> >> >> > we
>> >> >> >> > would sure like to push it all in the forward direction for
>> >> >> >> > maximum
>> >> >> >> > gain. So if we have a bunch of resonant elements in
>> >> >> >> > equilibrium
>> >> >> >> > containing the means for radiation we have to find a method of
>> >> >> >> > providing the break in a ideal position so that the innards
>> >> >> >> > are
>> >> >> >> > directed the same way. Well what we do with the bunch of
>> >> >> >> > radiating
>> >> >> >> > elements that are in equilibrium is to place another element
>> >> >> >> > into
>> >> >> >> > the
>> >> >> >> > bunch that is not resonant like it doesn't belong. What we
>> >> >> >> > find
>> >> >> >> > by
>> >> >> >> > doing thid is that all the radiation energy will swirl around
>> >> >> >> > striving
>> >> >> >> > to get to the weak part remembering that it is only when the
>> >> >> >> > energy
>> >> >> >> > escapes thru the hole can it start to produce a electrical and
>> >> >> >> > magnetic
>> >> >> >> > field which creates radiation , where as with a yagi the near
>> >> >> >> > field
>> >> >> >> > is
>> >> >> >> > produced immediatly the driven energy is provided and where
>> >> >> >> > the
>> >> >> >> > fields
>> >> >> >> > generate new field around each element it meets on its
>> >> >> >> > journey.
>> >> >> >> > So
>> >> >> >> > with
>> >> >> >> > equilibrium we can break it at any place we want to to provide
>> >> >> >> > directivenes where as with a yagi the radiation begins to
>> >> >> >> > start
>> >> >> >> > forming
>> >> >> >> > even tho it is being directed in many different directions.
>> >> >> >> > Naturally
>> >> >> >> > you can see the advantages of energy going in a single
>> >> >> >> > direction
>> >> >> >> > versus
>> >> >> >> > energy being bounced around
>> >> >> >> > until it sees daylight. So back to the beginning we have a

>> >> >> >> > bunch
>> >> >> >> > of
>> >> >> >> > elements that are resonant inside a surface like a balloon
>> >> >> >> > where
>> >> >> >> > if
>> >> >> >> > energy is applied to one of the elements it is sharedf with
>> >> >> >> > the
>> >> >> >> > other
>> >> >> >> > ele4ments immediatly without commensing the radiation trail
>> >> >> >> > and
>> >> >> >> > by
>> >> >> >> > placing a detuned element in the cluster we can chose the
>> >> >> >> > directiopn
>> >> >> >> > than the energy of each element takes and where it follows its
>> >> >> >> > predessesor in releasing its radiative energy.
>> >> >> >> > Sound simple but there are difficulties, when you weaken the
>> >> >> >> > enclosing
>> >> >> >> > force it does produce a major hole for directive purposes
>> >> >> >> > however
>> >> >> >> > at
>> >> >> >> > the same time multiple fissures open in other areas which
>> >> >> >> > provides a
>> >> >> >> > leakage trail for the swerling innards such that radiative
>> >> >> >> > energy
>> >> >> >> > on
>> >> >> >> > a
>> >> >> >> > smaller scale still escaopes to form radiation in other areas
>> >> >> >> > than
>> >> >> >> > the
>> >> >> >> > forward direction envisioned. The next person to come along
>> >> >> >> > will
>> >> >> >> > address this problem I am sure once presentented with the
>> >> >> >> > incentive
>> >> >> >> > that this new concept provides. No miricals but one step
>> >> >> >> > forward
>> >> >> >> > makes
>> >> >> >> > all things possible
>> >> >> >> > Regards
>> >> >> >> > Art
>> >> >> >> > art wrote:
>> >> >> >> >> Jerh each otherry
>> >> >> >> >> What I am doing is to get away from inline coupling of
>> >> >> >> >> elements.
>> >> >> >> >> The
>> >> >> >> >> Yagi antenna is one of these where all the elements are in
>> >> >> >> >> line.
>> >> >> >> >> What
>> >> >> >> >> I
>> >> >> >> >> am doing is to arrange a a bunch of elements in a group or
>> >> >> >> >> cluster

>> >> >> >> >> such
>> >> >> >> >> that each and all elements couple with each other rather than
>> >> >> >> >> the
>> >> >> >> >> the
>> >> >> >> >> two elements along side. By doing this and yet making the
>> >> >> >> >> bunch
>> >> >> >> >> of
>> >> >> >> >> elements resonant on their own as well as being driven by one
>> >> >> >> >> element
>> >> >> >> >> as with the normal antenna you have to make changes in either
>> >> >> >> >> the
>> >> >> >> >> length, dia or material of each element to compensate for all
>> >> >> >> >> the
>> >> >> >> >> other
>> >> >> >> >> factors implanted on them by the proximity of all the other
>> >> >> >> >> elements
>> >> >> >> >> in
>> >> >> >> >> the bunch or cluster. When this is done correctly the bunch
>> >> >> >> >> of
>> >> >> >> >> elements
>> >> >> >> >> are in equilibrium with each other and where each element
>> >> >> >> >> impedance
>> >> >> >> >> is
>> >> >> >> >> devoid or has reactance minimised. The reason for this
>> >> >> >> >> aproach
>> >> >> >> >> is
>> >> >> >> >> the
>> >> >> >> >> two resistances that you encounter are the resistance of the
>> >> >> >> >> material
>> >> >> >> >> used for the element which is where the current flows below
>> >> >> >> >> the
>> >> >> >> >> surface
>> >> >> >> >> and the radiation resistance which is from the current that
>> >> >> >> >> flows
>> >> >> >> >> on
>> >> >> >> >> top of the surface
>> >> >> >> >> to produce radiation. Since it is radiation that we are
>> >> >> >> >> concerned
>> >> >> >> >> with
>> >> >> >> >> only true resistance is of importance and where reactiveness
>> >> >> >> >> in
>> >> >> >> >> the
>> >> >> >> >> impedances provide no benefit to radiation.
>> >> >> >> >> The bottom line is that we want to avoid reactivenes whereas
>> >> >> >> >> the
>> >> >> >> >> yagi
>> >> >> >> >> by coupling elements
>> >> >> >> >> that are untuned or not resonant promotes reactiveness. An
>> >> >> >> >> example
>> >> >> >> >> of

>> >> >> >> >> what this reactiveness does to an array is to make the value
>> >> >> >> >> curves
>> >> >> >> >> for
>> >> >> >> >> gain, back to front and swr all peaking at different
>> >> >> >> >> frequencies
>> >> >> >> >> where
>> >> >> >> >> as the ideal arrangement is to have all the curves peak near
>> >> >> >> >> the
>> >> >> >> >> same
>> >> >> >> >> frequency so that when using the antenna across the band you
>> >> >> >> >> have a
>> >> >> >> >> fairly consistent gain figure instead of having to cut it at
>> >> >> >> >> the
>> >> >> >> >> high
>> >> >> >> >> or low end of the band in a compromising effort. When
>> >> >> >> >> building
>> >> >> >> >> such
>> >> >> >> >> an
>> >> >> >> >> array you take advantage of height in the turning radius of
>> >> >> >> >> the
>> >> >> >> >> beam
>> >> >> >> >> since you dont have to place all elements in a single line as
>> >> >> >> >> with
>> >> >> >> >> a
>> >> >> >> >> yagi which imposes limits on antenna length. by utilising
>> >> >> >> >> height
>> >> >> >> >> of
>> >> >> >> >> the
>> >> >> >> >> array you can have a smaller rotating radius with the same
>> >> >> >> >> gain
>> >> >> >> >> of
>> >> >> >> >> a
>> >> >> >> >> yagi with a larger turning radius together with a bandwidth
>> >> >> >> >> with
>> >> >> >> >> smoothed variables.
>> >> >> >> >> Hope that helps and clears some of the mystery away from
>> >> >> >> >> clustered
>> >> >> >> >> arrays. This aproach by the way also applies to vertical
>> >> >> >> >> arrays
>> >> >> >> >> from
>> >> >> >> >> which you can get horizontal, vertical and circular radiation
>> >> >> >> >> where
>> >> >> >> >> each has its special place of use. Use of academic terms was
>> >> >> >> >> only
>> >> >> >> >> provided because some academics don't like change and want to
>> >> >> >> >> see
>> >> >> >> >> the
>> >> >> >> >> same things they see in books and for some reason were taught
>> >> >> >> >> that
>> >> >> >> >> talk

>> >> >> >> >> of statics in the same room as electromagnetics is blasphamy
>> >> >> >> >> yet
>> >> >> >> >> they
>> >> >> >> >> cannot bring forward anything in the books that say they are
>> >> >> >> >> totally
>> >> >> >> >> separable. By the way I mentioned Nagy where as it should
>> >> >> >> >> have
>> >> >> >> >> been
>> >> >> >> >> Brown who did so much in recent years in broadcasting and
>> >> >> >> >> T.V.
>> >> >> >> >> Have fun with antennas and don't get intimidated by those who
>> >> >> >> >> learned
>> >> >> >> >> things in College only to memorise and pass exams instead of
>> >> >> >> >> using
>> >> >> >> >> knoweledge to advance the quality of life.
>> >> >> >> >> Best regards
>> >> >> >> >> Art
>> >> >> >> >>
>> >> >> >> >>
>> >> >> >> >> Jerry Martes wrote:
>> >> >> >> >> > Hi Art
>> >> >> >> >> >
>> >> >> >> >> > Thanks for taking your time to direct me to some very
>> >> >> >> >> > complex
>> >> >> >> >> > thinking.
>> >> >> >> >> > But, I'm a rather simple guy who isnt well educated. You
>> >> >> >> >> > apparently
>> >> >> >> >> > expect
>> >> >> >> >> > a "just regular guy" like me to understand the ccomplex
>> >> >> >> >> > convoluted
>> >> >> >> >> > theoretical stuff that you write about.
>> >> >> >> >> > When I did work as an antenna design engineer, years ago,
>> >> >> >> >> > I
>> >> >> >> >> > saw
>> >> >> >> >> > some
>> >> >> >> >> > of my
>> >> >> >> >> > buddies working on the distribution of energy across
>> >> >> >> >> > apertures
>> >> >> >> >> > in
>> >> >> >> >> > an
>> >> >> >> >> > effort
>> >> >> >> >> > to shape beams. One of their considerations was to
>> >> >> >> >> > decrease
>> >> >> >> >> > the
>> >> >> >> >> > power
>> >> >> >> >> > to
>> >> >> >> >> > the elements as they were more distant from the center of
>> >> >> >> >> > the
>> >> >> >> >> > array.
>> >> >> >> >> > I

>> >> >> >> >> > remember reading that when the power is tapered to provide
>> >> >> >> >> > a
>> >> >> >> >> > distribution
>> >> >> >> >> > about equivalent to a Gaussian Distribution, the side lobes
>> >> >> >> >> > were
>> >> >> >> >> > minimal.
>> >> >> >> >> >
>> >> >> >> >> > I really enjoy thinking about real antenna construction
>> >> >> >> >> > projects.
>> >> >> >> >> > but,
>> >> >> >> >> > when it gets to the Maxwell's Equation kind of analysis, I
>> >> >> >> >> > get
>> >> >> >> >> > lost.
>> >> >> >> >> > I
>> >> >> >> >> > dont
>> >> >> >> >> > even know what a Vector is.
>> >> >> >> >> > You may have the wrong impression about me, Art, I'm an
>> >> >> >> >> > old
>> >> >> >> >> > guy
>> >> >> >> >> > who
>> >> >> >> >> > wants
>> >> >> >> >> > to have fun with antennas. It isnt necessary for you to
>> >> >> >> >> > tell
>> >> >> >> >> > me
>> >> >> >> >> > to
>> >> >> >> >> > "get
>> >> >> >> >> > back
>> >> >> >> >> > to basics". I dont have interest in the "basics" you
>> >> >> >> >> > refer
>> >> >> >> >> > to.
>> >> >> >> >> >
>> >> >> >> >> > Is it possible for you to tell us (me) what you are
>> >> >> >> >> > referring
>> >> >> >> >> > to
>> >> >> >> >> > without
>> >> >> >> >> > referring to Vectors, Gauss's law, Lorentz, "Nagi", and
>> >> >> >> >> > even
>> >> >> >> >> > elementary
>> >> >> >> >> > calculus? Frankly, Art, you confuse me when you write
>> >> >> >> >> > such
>> >> >> >> >> > scholarly
>> >> >> >> >> > paragraphs. You and I are so far removed from each other
>> >> >> >> >> > intellectually
>> >> >> >> >> > that I can never keep up with your texts.
>> >> >> >> >> >
>> >> >> >> >> > Jerry
>> >> >> >> >> >
>> >> >> >> >> >
>> >> >> >> >> > "art" <aunwin@insightbb.com> wrote in message
>> >> >> >> >> > news:1167167953.784946.88350@h40g2000cwb.googlegroups.com...

>> >> >> >> >> > > Jerry, get back to basics and look up a conservative
>> >> >> >> >> > > field
>> >> >> >> >> > > relative
>> >> >> >> >> > > to
>> >> >> >> >> > > Gaussian law.
>> >> >> >> >> > > Step 1
>> >> >> >> >> > > It is a group of electric charges with an addition vector
>> >> >> >> >> > > of
>> >> >> >> >> > > zero.
>> >> >> >> >> > > So
>> >> >> >> >> > > move backwards and remove that vector if you wish and you
>> >> >> >> >> > > have
>> >> >> >> >> > > a
>> >> >> >> >> > > gaussian field of electrical charges which in the case of
>> >> >> >> >> > > a
>> >> >> >> >> > > bunch
>> >> >> >> >> > > of
>> >> >> >> >> > > resonant elements can be seen as all positive or all
>> >> >> >> >> > > negative
>> >> >> >> >> > > charges
>> >> >> >> >> > > and we also know that Gaussian law is valid even for
>> >> >> >> >> > > enclosed
>> >> >> >> >> > > charges
>> >> >> >> >> > > in motion.
>> >> >> >> >> > >
>> >> >> >> >> > > Step 2 The vector that we removed is known as curl but at
>> >> >> >> >> > > this
>> >> >> >> >> > > time
>> >> >> >> >> > > nit
>> >> >> >> >> > > has no valu is the samee tho the vector direction is
>> >> >> >> >> > > known.
>> >> >> >> >> > > Step 3 Faraday's law of Induced electromotive force. This
>> >> >> >> >> > > is
>> >> >> >> >> > > somewhat
>> >> >> >> >> > > opposite to the consevative field in terms of rotation
>> >> >> >> >> > > but
>> >> >> >> >> > > in
>> >> >> >> >> > > relative
>> >> >> >> >> > > terms it where the consevative field is revolving around
>> >> >> >> >> > > a
>> >> >> >> >> > > magnetic
>> >> >> >> >> > > field (hopefully you can visualise this) So we have a
>> >> >> >> >> > > charge q
>> >> >> >> >> > > in
>> >> >> >> >> > > an
>> >> >> >> >> > > element of length ds, which element, at the instant
>> >> >> >> >> > > considered
>> >> >> >> >> > > has
>> >> >> >> >> > > velocity u,experiences a force. Now I know some have
>> >> >> >> >> > > difficulty

>> >> >> >> >> > > with
>> >> >> >> >> > > what I said earlier with respect to adding " at an
>> >> >> >> >> > > instant
>> >> >> >> >> > > of
>> >> >> >> >> > > time)
>> >> >> >> >> > > to
>> >> >> >> >> > > Gausses law which is the same length of time referred to
>> >> >> >> >> > > above
>> >> >> >> >> > > as
>> >> >> >> >> > > "
>> >> >> >> >> > > at
>> >> >> >> >> > > the instant considered "
>> >> >> >> >> > >
>> >> >> >> >> > > Gtep 4 We then examine Lorentz equation which refers to
>> >> >> >> >> > > an
>> >> >> >> >> > > induced
>> >> >> >> >> > > electric field which is present when, for example the
>> >> >> >> >> > > magnetic
>> >> >> >> >> > > field
>> >> >> >> >> > > is
>> >> >> >> >> > > changing with time such that
>> >> >> >> >> > > v1 = 1/q integral F.ds. You can now see that any
>> >> >> >> >> > > CONSERVATIVE
>> >> >> >> >> > > force
>> >> >> >> >> > > that might be included in F would integrate to zero thus
>> >> >> >> >> > > ommiting
>> >> >> >> >> > > any
>> >> >> >> >> > > electrostatic field that might be present Note again
>> >> >> >> >> > > faradays
>> >> >> >> >> > > law,
>> >> >> >> >> > > it
>> >> >> >> >> > > is valid regardloess of the nature of the factor or
>> >> >> >> >> > > factors
>> >> >> >> >> > > responsible
>> >> >> >> >> > > for change in magnetic flux. So now the overview of the
>> >> >> >> >> > > cluster
>> >> >> >> >> > > of
>> >> >> >> >> > > resonant elements projected a conservative field with a
>> >> >> >> >> > > magnetic
>> >> >> >> >> > > vector
>> >> >> >> >> > > of zero reflecting" an instant of time" with respect to
>> >> >> >> >> > > resonant
>> >> >> >> >> > > elements and where the magnetic field will provide
>> >> >> >> >> > > motion to the electrostatic field where all charges will
>> >> >> >> >> > > exibit
>> >> >> >> >> > > the
>> >> >> >> >> > > same direction of charge and will change in unison
>> >> >> >> >> > >
>> >> >> >> >> > > Now no amount of writing will get you to understand this
>> >> >> >> >> > > flow

>> >> >> >> >> > > of
>> >> >> >> >> > > concept if you are not willing to have an open mind or
>> >> >> >> >> > > think
>> >> >> >> >> > > around
>> >> >> >> >> > > something that at the present time you fail to understand
>> >> >> >> >> > > and
>> >> >> >> >> > > are
>> >> >> >> >> > > not
>> >> >> >> >> > > willing to rethink thing, possibly in a different way
>> >> >> >> >> > > than I
>> >> >> >> >> > > presented
>> >> >> >> >> > > it.
>> >> >> >> >> > > >
>> >> >> >> >> > > If you are so inclined you can go back further in history
>> >> >> >> >> > > and
>> >> >> >> >> > > play
>> >> >> >> >> > > with
>> >> >> >> >> > > the 4 vertical array of elements formed by Nagi to obtain
>> >> >> >> >> > > possible
>> >> >> >> >> > > insights since he also worked with an array of vertical
>> >> >> >> >> > > elements
>> >> >> >> >> > > all
>> >> >> >> >> > > of
>> >> >> >> >> > > which were resonant. His work has been rechecked via
>> >> >> >> >> > > Matlab
>> >> >> >> >> > > and
>> >> >> >> >> > > found
>> >> >> >> >> > > to be correct so you have a viable path to follow if you
>> >> >> >> >> > > have a
>> >> >> >> >> > > modicom
>> >> >> >> >> > > of interest in this new concept. It must be noted that
>> >> >> >> >> > > the
>> >> >> >> >> > > above
>> >> >> >> >> > > is
>> >> >> >> >> > > only a partial description of the concept
>> >> >> >> >> > > because I have yet to add a detuned element for
>> >> >> >> >> > > directional
>> >> >> >> >> > > purposes
>> >> >> >> >> > > for the radiation field.
>> >> >> >> >> > > >
>> >> >> >> >> > > There is nothing more that I can add that will persuade
>> >> >> >> >> > > you
>> >> >> >> >> > > to
>> >> >> >> >> > > follow
>> >> >> >> >> > > thru with this concept
>> >> >> >> >> > > so I believe I have now reached the Rubicon with respect
>> >> >> >> >> > > to
>> >> >> >> >> > > this
>> >> >> >> >> > > vision
>> >> >> >> >> > > of mine. If you can't understand it now put it down to me

>> >> >> >> >> > > not
>> >> >> >> >> > > being
>> >> >> >> >> > > smart enough to explain clearly electromagnetics to those
>> >> >> >> >> > > skilled
>> >> >> >> >> > > in
>> >> >> >> >> > > the art which I am now finding to be a hopeless task at
>> >> >> >> >> > > least
>> >> >> >> >> > > here
>> >> >> >> >> > > in
>> >> >> >> >> > > the U.S. unless one can read it in a book and memorise it
>> >> >> >> >> > > so
>> >> >> >> >> > > one
>> >> >> >> >> > > can
>> >> >> >> >> > > pass an exam..
>> >> >> >> >> > > Art
>> >> >> >> >> > >
>> >> >> >> >> > >
>> >> >> >> >> > >
>> >> >> >> >> > >
>> >> >> >> >> > >
>> >> >> >> >> > >
>> >> >> >> >> > >
>> >> >> >> >> > >
>> >> >> >> >> > > Jerry Martes wrote:
>> >> >> >> >> > >> "JIMMIE" <JIMMIEDEE123@YAHOO.COM> wrote in message
>> >> >> >> >> > >> news:1166838834.614006.26080@i12g2000cwa.googlegroups.com...
>> >> >> >> >> > >> >
>> >> >> >> >> > >> > Dave wrote:
>> >> >> >> >> > >> >> "art" <aunwin@insightbb.com> wrote in message
>> >> >> >> >> > >> >> news:1166543181.269834.203030@f1g2000cwa.googlegroups.com...
>> >> >> >> >> > >> >> > In the thread Rain static I referred to a closed
>> >> >> >> >> > >> >> > surface
>> >> >> >> >> > >> >> > which
>> >> >> >> >> > >> >> > is
>> >> >> >> >> > >> >> > clearly
>> >> >> >> >> > >> >> > defined by Gauss's law.
>> >> >> >> >> > >> >>
>> >> >> >> >> > >> >> Gauss's law doesn't define a surface, the surface is
>> >> >> >> >> > >> >> any
>> >> >> >> >> > >> >> arbitrary
>> >> >> >> >> > >> >> surface
>> >> >> >> >> > >> >> surrounding a charge.
>> >> >> >> >> > >> >>
>> >> >> >> >> > >> >> >Let us now look at a time vary field applied to
>> >> >> >> >> > >> >> >
>> >> >> >> >> > >> >> > a dielectric. I fht efield is applied for the
>> >> >> >> >> > >> >> > shortest
>> >> >> >> >> > >> >> > of
>> >> >> >> >> > >> >> > time
>> >> >> >> >> > >> >> > the

>> >> >> >> >> > >> >> > charges
>> >> >> >> >> > >> >> > will stay on the surface. If time is longer than
>> >> >> >> >> > >> >> > the
>> >> >> >> >> > >> >> > shortest
>> >> >> >> >> > >> >> > space
>> >> >> >> >> > >> >> > of
>> >> >> >> >> > >> >> > time
>> >> >> >> >> > >> >>
>> >> >> >> >> > >> >> you make it sound like there is some 'shortest' time
>> >> >> >> >> > >> >> where
>> >> >> >> >> > >> >> charges
>> >> >> >> >> > >> >> won't
>> >> >> >> >> > >> >> move. this is not true. no matter how short you make
>> >> >> >> >> > >> >> the
>> >> >> >> >> > >> >> time
>> >> >> >> >> > >> >> it
>> >> >> >> >> > >> >> will
>> >> >> >> >> > >> >> move
>> >> >> >> >> > >> >> the charges.
>> >> >> >> >> > >> >>
>> >> >> >> >> > >> > then charges will openetrate the closed surface. If
>> >> >> >> >> > >> > the
>> >> >> >> >> > >> > surface
>> >> >> >> >> > >> > is
>> >> >> >> >> > >> > an
>> >> >> >> >> > >> > insulator type then it takes a long while to
>> >> >> >> >> > >> > penetrate
>> >> >> >> >> > >> > but
>> >> >> >> >> > >> > if
>> >> >> >> >> > >> > the
>> >> >> >> >> > >> > surface
>> >> >> >> >> > >> >>
>> >> >> >> >> > >> >> Here you mix up 'surface' and 'surface'. the gauss's
>> >> >> >> >> > >> >> law
>> >> >> >> >> > >> >> 'surface' is
>> >> >> >> >> > >> >> a
>> >> >> >> >> > >> >> mathematically useful construction around a charge,
>> >> >> >> >> > >> >> it
>> >> >> >> >> > >> >> does
>> >> >> >> >> > >> >> not
>> >> >> >> >> > >> >> have
>> >> >> >> >> > >> >> any
>> >> >> >> >> > >> >> charge 'on' it, nor is there any 'penetration' of it
>> >> >> >> >> > >> >> by
>> >> >> >> >> > >> >> charge
>> >> >> >> >> > >> >> in
>> >> >> >> >> > >> >> gauss's
>> >> >> >> >> > >> >> law. it is strictly a non-material thing that is
>> >> >> >> >> > >> >> used
>> >> >> >> >> > >> >> only

>> >> >> >> >> > >> >> for
>> >> >> >> >> > >> >> calculation
>> >> >> >> >> > >> >> purposes.
>> >> >> >> >> > >> >>
>> >> >> >> >> > >> >> > is a good conductor then the charges will penetrate
>> >> >> >> >> > >> >> > very
>> >> >> >> >> > >> >> > quickly so
>> >> >> >> >> > >> >> > we can associate the time constant of penetration
>> >> >> >> >> > >> >> > to
>> >> >> >> >> > >> >> > the
>> >> >> >> >> > >> >> > subject of
>> >> >> >> >> > >> >> > skin depth. If we are to associate the time varying
>> >> >> >> >> > >> >> > field
>> >> >> >> >> > >> >> > to
>> >> >> >> >> > >> >> > a
>> >> >> >> >> > >> >> > gaussian field
>> >> >> >> >> > >> >>
>> >> >> >> >> > >> >> you have yet to define a 'gaussian field'. gauss's
>> >> >> >> >> > >> >> law
>> >> >> >> >> > >> >> applies
>> >> >> >> >> > >> >> to
>> >> >> >> >> > >> >> electric
>> >> >> >> >> > >> >> fields and their relation to charges.
>> >> >> >> >> > >> >>
>> >> >> >> >> > >> >> > all the excess charges must be on the surface by
>> >> >> >> >> > >> >> > law.
>> >> >> >> >> > >> >>
>> >> >> >> >> > >> >> only in a 'perfect' conductor. dielectrics and
>> >> >> >> >> > >> >> 'empty'
>> >> >> >> >> > >> >> space
>> >> >> >> >> > >> >> can
>> >> >> >> >> > >> >> have
>> >> >> >> >> > >> >> distributed charges throughout.
>> >> >> >> >> > >> >>
>> >> >> >> >> > >> >> >Or in other words
>> >> >> >> >> > >> >> > the time evolved must be shorter than the time
>> >> >> >> >> > >> >> > required
>> >> >> >> >> > >> >> > to
>> >> >> >> >> > >> >> > begin
>> >> >> >> >> > >> >> > penetration.
>> >> >> >> >> > >> >>
>> >> >> >> >> > >> >> huh? it just goes down hill from here. write some
>> >> >> >> >> > >> >> equations,
>> >> >> >> >> > >> >> do
>> >> >> >> >> > >> >> some
>> >> >> >> >> > >> >> drawings, publish a manuscript. all the rest is
>> >> >> >> >> > >> >> empty
>> >> >> >> >> > >> >> handwaving
>> >> >> >> >> > >> >> based
>> >> >> >> >> > >> >> on

>> >> >> >> >> > >> >> incorrect assumptions and missing definitions.
>> >> >> >> >> > >> >>
>> >> >> >> >> > >> >> > Thus for a short space of time all charges are on
>> >> >> >> >> > >> >> > the
>> >> >> >> >> > >> >> > surface
>> >> >> >> >> > >> >> > and
>> >> >> >> >> > >> >> > the
>> >> >> >> >> > >> >> > charges
>> >> >> >> >> > >> >> > have a magnhe radiating eneetic and electric field
>> >> >> >> >> > >> >> > vectors.
>> >> >> >> >> > >> >> > Just
>> >> >> >> >> > >> >> > having
>> >> >> >> >> > >> >> > charges is not enough to convert to a gaussian
>> >> >> >> >> > >> >> > field
>> >> >> >> >> > >> >> > in
>> >> >> >> >> > >> >> > that
>> >> >> >> >> > >> >> > a
>> >> >> >> >> > >> >> > gaussian
>> >> >> >> >> > >> >> > field must be in equilibrium thus a cluster of
>> >> >> >> >> > >> >> > elements
>> >> >> >> >> > >> >> > must have the direction of the surface charges
>> >> >> >> >> > >> >> > change
>> >> >> >> >> > >> >> > in
>> >> >> >> >> > >> >> > unison. For
>> >> >> >> >> > >> >> > a
>> >> >> >> >> > >> >> > cluster of elements to do this they must all be
>> >> >> >> >> > >> >> > resonant
>> >> >> >> >> > >> >> > such
>> >> >> >> >> > >> >> > that
>> >> >> >> >> > >> >> > the
>> >> >> >> >> > >> >> > charges reach the ends of the elements at the same
>> >> >> >> >> > >> >> > time.
>> >> >> >> >> > >> >> > Resonance
>> >> >> >> >> > >> >> > of
>> >> >> >> >> > >> >> > an element is determined by its diameter and its
>> >> >> >> >> > >> >> > length
>> >> >> >> >> > >> >> > and
>> >> >> >> >> > >> >> > because
>> >> >> >> >> > >> >> > it
>> >> >> >> >> > >> >> > is coupled to other elements in the cluster the
>> >> >> >> >> > >> >> > coupling
>> >> >> >> >> > >> >> > must
>> >> >> >> >> > >> >> > be
>> >> >> >> >> > >> >> > taken
>> >> >> >> >> > >> >> > into account to secure resonance of not only the
>> >> >> >> >> > >> >> > individual
>> >> >> >> >> > >> >> > elements
>> >> >> >> >> > >> >> > but of the cluster as a whole. When this is
>> >> >> >> >> > >> >> > accomplished
>> >> >> >> >> > >> >> > the

>> >> >> >> >> > >> >> > charges
>> >> >> >> >> > >> >> > on
>> >> >> >> >> > >> >> > the surface of the closed volume are in equilibrium
>> >> >> >> >> > >> >> > but
>> >> >> >> >> > >> >> > onty
>> >> >> >> >> > >> >> > for
>> >> >> >> >> > >> >> > that
>> >> >> >> >> > >> >> > shortest of short time and where that time is added
>> >> >> >> >> > >> >> > to
>> >> >> >> >> > >> >> > the
>> >> >> >> >> > >> >> > gaussian
>> >> >> >> >> > >> >> > formulae for the transition to be complete. For the
>> >> >> >> >> > >> >> > Gaussian
>> >> >> >> >> > >> >> > field
>> >> >> >> >> > >> >> > or
>> >> >> >> >> > >> >> > volume we can say the energy inside the gaussian
>> >> >> >> >> > >> >> > field
>> >> >> >> >> > >> >> > is
>> >> >> >> >> > >> >> > equal
>> >> >> >> >> > >> >> > to
>> >> >> >> >> > >> >> > that
>> >> >> >> >> > >> >> > supplied by flux to the outside of the border and
>> >> >> >> >> > >> >> > remember
>> >> >> >> >> > >> >> > the
>> >> >> >> >> > >> >> > flux
>> >> >> >> >> > >> >> > inside consists of magnetic and electric vectoirs.
>> >> >> >> >> > >> >> > We
>> >> >> >> >> > >> >> > now
>> >> >> >> >> > >> >> > can
>> >> >> >> >> > >> >> > say
>> >> >> >> >> > >> >> > that
>> >> >> >> >> > >> >> > in a moment of time the flux produced from each
>> >> >> >> >> > >> >> > element
>> >> >> >> >> > >> >> > that
>> >> >> >> >> > >> >> > breaches
>> >> >> >> >> > >> >> > the border in summation with the other elements is
>> >> >> >> >> > >> >> > equal
>> >> >> >> >> > >> >> > to
>> >> >> >> >> > >> >> > the
>> >> >> >> >> > >> >> > radiating field outside of the border when each
>> >> >> >> >> > >> >> > element
>> >> >> >> >> > >> >> > energy
>> >> >> >> >> > >> >> > makes
>> >> >> >> >> > >> >> > the transmittion. Thus the summation of each of the
>> >> >> >> >> > >> >> > clustered
>> >> >> >> >> > >> >> > elements
>> >> >> >> >> > >> >> > individual energy when the vectors are given a
>> >> >> >> >> > >> >> > value
>> >> >> >> >> > >> >> > must equal the flux on the outside of the border
>> >> >> >> >> > >> >> > that

>> >> >> >> >> > >> >> > produces
>> >> >> >> >> > >> >> > radiation. We also know that if we have a cluster
>> >> >> >> >> > >> >> > of
>> >> >> >> >> > >> >> > elements
>> >> >> >> >> > >> >> > that
>> >> >> >> >> > >> >> > are
>> >> >> >> >> > >> >> > clustered together we can obtain radiation by just
>> >> >> >> >> > >> >> > applying
>> >> >> >> >> > >> >> > a
>> >> >> >> >> > >> >> > time
>> >> >> >> >> > >> >> > varing field to just one of the elements and by
>> >> >> >> >> > >> >> > virtue
>> >> >> >> >> > >> >> > of
>> >> >> >> >> > >> >> > intercoupling
>> >> >> >> >> > >> >> > all the radiating energy
>> >> >> >> >> > >> >> > will leave the near field. Thus we have two
>> >> >> >> >> > >> >> > different
>> >> >> >> >> > >> >> > methods
>> >> >> >> >> > >> >> > of
>> >> >> >> >> > >> >> > determining the value of the radiated field
>> >> >> >> >> > >> >> > ! radiation from the clustered within a Gaussian
>> >> >> >> >> > >> >> > field
>> >> >> >> >> > >> >> > and
>> >> >> >> >> > >> >> > 2 radiation from an array of coupled elements
>> >> >> >> >> > >> >> > Since the elements within the cluster are all of
>> >> >> >> >> > >> >> > the
>> >> >> >> >> > >> >> > same
>> >> >> >> >> > >> >> > "Q'"
>> >> >> >> >> > >> >> > the
>> >> >> >> >> > >> >> > determination of all factors
>> >> >> >> >> > >> >> > in the resulting equation are simplified to Ohms
>> >> >> >> >> > >> >> > law
>> >> >> >> >> > >> >> > and
>> >> >> >> >> > >> >> > where
>> >> >> >> >> > >> >> > the
>> >> >> >> >> > >> >> > laborious coupling calculations
>> >> >> >> >> > >> >> > are omitted. The above describes in first
>> >> >> >> >> > >> >> > principles
>> >> >> >> >> > >> >> > as
>> >> >> >> >> > >> >> > to
>> >> >> >> >> > >> >> > how
>> >> >> >> >> > >> >> > a
>> >> >> >> >> > >> >> > Gaussian field in a short space of time can be
>> >> >> >> >> > >> >> > equated
>> >> >> >> >> > >> >> > to
>> >> >> >> >> > >> >> > a
>> >> >> >> >> > >> >> > radiating
>> >> >> >> >> > >> >> > cluster using existing laws of the masters which
>> >> >> >> >> > >> >> > also
>> >> >> >> >> > >> >> > embraces

>> >> >> >> >> > >> >> > NEC
>> >> >> >> >> > >> >> > code. Now many have said I have no understanding of
>> >> >> >> >> > >> >> > radiation
>> >> >> >> >> > >> >> > concepts
>> >> >> >> >> > >> >> > so go ahead and tear this apart and have a merry
>> >> >> >> >> > >> >> > Xmas
>> >> >> >> >> > >> >> > doing
>> >> >> >> >> > >> >> > it
>> >> >> >> >> > >> >> > Art Unwin KB9MZ.....XG
>> >> >> >> >> > >> >> >
>> >> >> >> >> > >> >
>> >> >> >> >> > >> > It appears Art has picked up some phrases haphazardly
>> >> >> >> >> > >> > and
>> >> >> >> >> > >> > is
>> >> >> >> >> > >> > trying to
>> >> >> >> >> > >> > apply them to antennas some how, If I remember
>> >> >> >> >> > >> > correctly
>> >> >> >> >> > >> > doesnt
>> >> >> >> >> > >> > Gaussian field apply to statistical distribution. Been
>> >> >> >> >> > >> > a
>> >> >> >> >> > >> > long
>> >> >> >> >> > >> > time
>> >> >> >> >> > >> > since I had statistical analysis back in the early 70s
>> >> >> >> >> > >> > but I
>> >> >> >> >> > >> > think
>> >> >> >> >> > >> > this
>> >> >> >> >> > >> > is also refered to as a "normal distribution".
>> >> >> >> >> > >>
>> >> >> >> >> > >> Hi Jimmy
>> >> >> >> >> > >>
>> >> >> >> >> > >> By my standards, you are *Right On* on all you wrote.
>> >> >> >> >> > >> I'm
>> >> >> >> >> > >> pretty
>> >> >> >> >> > >> sure
>> >> >> >> >> > >> Gaussian distribution of power across a radiating plane
>> >> >> >> >> > >> results
>> >> >> >> >> > >> (theoretically) in zero side lobes, That is also a
>> >> >> >> >> > >> very
>> >> >> >> >> > >> poor
>> >> >> >> >> > >> distribution
>> >> >> >> >> > >> when gain is a goal. I think the term Normal is
>> >> >> >> >> > >> synonymous
>> >> >> >> >> > >> with
>> >> >> >> >> > >> Gaussian
>> >> >> >> >> > >> when referring to aperture distribution.
>> >> >> >> >> > >>
>> >> >> >> >> > >> Jerry
>> >> >> >> >> > >>
>> >> >> >> >> >
>> >> >> >> >>
>> >> >> >>

>> >> >
>> >
>

4381. Re: Mechanics of AC current flow - ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 15:37:17 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Nqwkh.433$ji1.384@newssvr12.news.prodigy.net>
Source record: 47555

John Smith I wrote:
> But, we may have to revise our present theory about photons in the
> future, at some point.

We, the human race, may have to revise our present
theories about *everything* in the future. :-) That
is, unless the patent office guy was right - you
know, the one who said, around the end of the 19th
century, that everything had already been invented.
--
73, Cecil http://www.w5dxp.com

4382. Re: Mechanics of AC current flow - ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 16:04:40 UTC
From: John Smith I <assemblywizard@gmail.com>
Message-ID: <emu5gbclo1@aioe.org>
Source record: 47556

Cecil Moore wrote:
> ...
> is, unless the patent office guy was right - you
> know, the one who said, around the end of the 19th
> century, that everything had already been invented.

Hey, all he did was spawn a "Everything Has Already Been Discovered Society", and of course the famous "Everything IS Already Known Society." But, my all time favorites are the, "Don't Challenge Present Thinking and Theory Society" and, "If Einstein Said It, It Must Be True Society."

I end up having discourse with a number of these groups members here--usually the latter. <serious look>

Alas, I was born too late, all the good theories were taken.

Regards,
JS

4383. Re: A moment of silence my friends for a silent key.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 16:22:55 UTC
From: JIM <jslaird@goldfieldaccess.net>
Message-ID: <SNednTkkkupkAA_YnZ2dnUVZ_rqhnZ2d@deskmedia.com>
Source record: 47557
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

"Bill Turner" <noway@nowhow.com> wrote in message
news:blbbo25epdssnp6sk1g1ss5sc3dmuc0007@4ax.com...
> Please folks, do not reply to these off topic posts.
>
> If these idiots never get any replies, they will eventually give up
> and go away.
>
> Thanks,
>
> Bill, W6WRT

I just tuned into this News Group to find some and not all ham's like to speak better of there self's than they act.
I thought that was why people became Ham radio Operators and had gotten away from C.B. God I hate that C.B. I get sick thinking about it. I've been a S S B Radio Operator for a long time. Yes I prefer to that think that there are Three types of Radio. No need to go there and get my but kicked by the know it's on here. It has been said so many times no matter what the Hobby. There is always someone out there trying to take the fun out of anything good. And I just seen some of them here. I have been wanting to become a Ham operator for I'll bet at least 35 or 40 years. The code has always stopped me. And the But head's and those with attitude Overly goody two shoes crowds. I have a learning disorder. It does not make me retarded, it simply means that I learn better for me in a hands on manner. Code is plainly just to much for people like me.
Now My point to all this is once again I'm hanging on a tread, I just don't know why I would want to go into Ham and put up with these too kinds people when I'm already doing it and I don't like it any better now. The only plus that I can see at this point is more Frequencies. Ham was a Hobby that was intended to be HELPFUL IN ALL OF IT'S ASPECTS.....
Now look what it's coming to. Some don't want the no Code, other's do and if they remove the code I'm afraid it will let in all the nut's .Well my friends you folks all ready have them. And in the mean time your keeping Good honest people out. Honest people aren't Born..... It takes a Very strong willingness now days to be one.. Ask me it's hard and we don't always win so . Your art form, your hobby no matter what your calling it today is steadily going by the way side. And some of you are so caught up in yourselves that you just can't see it. Some of you are the Sign of your time. I'll Bet there are a lot of old timer's just shaking in there Graves at the way you have been presenting the hobby that they helped to grow. Kind people used to run the Ham band's and there are still some out there are you one of them. Or do you just think you are Action's speak louder and farther then the Air waves. I'm not even a Hammer and I can see that..... I'll be

listening......

4384. Re: folded dipoles

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 16:29:59 UTC
From: Kenneth Grimm <kgrimm@adelphia.net>
Message-ID: <fs45p254e1omn7plb4ato3jdgid81dli9k@4ax.com>
Source record: 47558

On Mon, 25 Dec 2006 23:10:00 -0600, Cecil Moore <mycall@hotmail.com>
wrote:

>chuck wrote:
>> ... understanding of the possibility of
>> non-coronal precipitation static remains elusive.
>
>Please note that human understanding is not
>necessary for something to exist and denying
>its existence because of a lack of understanding
>doesn't make it go away. It is what it is.

Amen, Cecil!

Anyone who has lived in central Texas and is an active ham has
experienced all sorts of extraordinary noises....corona discharges,
precipitation static, and others.... which can be experienced on a
clear day, cloudy day, rainy day, dusty day....though I would hasten
to add that the most dramatic noise performances occurred with an
approaching weather front of some kind and *are* probably corona
discharges. Other noises that I experienced while trying to work DX
were not so easily identifiable as corona.

I haven't experienced the same noises here in Virginia. Here, I get
little in the way of warning, other than normal crashes of static,
before hearing a loud *bang* of thunder indicating that I should
disconnect aerials and vacate the shack!.

One other empirical data point...all of the above mentioned noises
were *dramatically* reduced when switching from plumbers-delight, yagi
antennas to closed loop, cubical quads. Always. Despite the fact
that many have insisted that quads aren't "quieter" than yagis, it's
my story and I'm sticking to it. I use yagis now. If I lived in
Texas, I would probably be using quads again.

73,

Ken K4XL
k4xl@arrl.net

*** BoatAnchor Manual Archive ***
On the web at http://bama.sbc.edu and http://bama.edebris.com
FTP site info: bama.sbc.edu login: anonymous p/w: youremailadr

4385. Dual-Polarized Wifi Antennas

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 16:54:37 UTC
From: kevin.pavin@gmail.com
Message-ID: <1167238477.373643.102710@h40g2000cwb.googlegroups.com>
Source record: 47559
Cross-posted to: rec.radio.amateur.antenna,alt.internet.wireless

Hi all,

I'm looking to purchase an dual-polarized antenna that operates at 2.4Ghz. In particular its necessary that the phase centers of each of the elements be close to spatially identical. So I guess something like a patch antenna with the elements making an X pattern and centerfed feeds. Any suggestions where to order such an antenna? I've purchased most my antennas from hyperlink but don't carry this sort of antenna. Thanks for any suggestions,

Kev

4386. Re: will a 10 meter fm antenna work on SSB

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 16:57:22 UTC
From: nobody@nowhere.com
Message-ID: <4f95p25r3dg9dmumo9vnt90hhb46476b5m@4ax.com>
Source record: 47560

On Tue, 26 Dec 2006 14:08:39 GMT, "Jerry Martes"
<j.jmartes@verizon.net> wrote:

>
><nobody@nowhere.com> wrote in message
>news:ksu1p257lnl938alftj6drpheak809mocn@4ax.com...
>> I'm thinking of getting a quad antenna for my car. I believe its 10m,
>> 6m, 2m, and 70cm. I wondering if the 10m will work with ssb.
>>
>> Just curious.
>
> That seems like an odd trade. Perhaps it would be better if you tried to
>borrow the money from a friend and pay cash for the quad.
>
> Also curious
>

nice tounge in cheek

4387. Re: i punce in agin on hloiday

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 17:01:37 UTC
From: The Secretary of HomIntern <YkR4N53909@WòéM.6Ró>
Message-ID: <pan.2006.12.27.17.01.35.521647@bisexuals.for.lgbt.freedom>
Source record: 47561
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.cb,alt.usenet.kooks

```
On Wed, 27 Dec 2006 06:28:12 -0800, Not Cocksucker Lloyd k'lamed:
> TransWench wrote:
>> I was busily flonking away in AUK, when The Goddess Eris Herself
>> suddenly made me reply to Andy the Perv Timberlake:
>> > The Demon Princess of Obtusity blathered in a syphilitic rage:
>> >> On Mon, 25 Dec 2006 12:30:45 -0500, Wabbit, posting as
>> >> Mark@kb9rqz.aspr, did the cha-cha, and screamed:
>> >>
>> >> > ok I back four anoter tuff day on the news grupes it my job tast
>> >> > is waht I
>> >> > do so bringit on you loosers
>> >> > show-na-to-va (that is the greeting for this time of year as JEW
>> >> > rendered
>> >> > phonicticaly)
>> >> > happy new years it means and it can be better one if Wismen Robson
>> >> > and SC a few just decided to not to be as hateful with the punce
>> >> > gotcha he wonders why I simple don't bother to ty impoving my
>> >> > spelling do u hav anyting
>> >> > cognet two say?
>> >>
>> >> Yes. I do hope the FNVW remembers Wabbit for the Edmond Wollmann
>> >> Memorial Rubber Xmas Turkey. Chung shouldn't always get it.
>> >
>> > Just like you hope to remember how your daddy gives you your xmas
>> > present from behind without K-Y and pressing down on your zit filled
>> > back, no doubt.
>>
>> Nice fantasy you have there. Did you come up with it yourself, or did
>> you have to steal it?
>
> Nice admission that it is true.

"Fantasy" = "admission that it's true"? You have an interesting view of
truth.

--

_____________________________________________________________________
Hail Eris! "The personal _is_ political."
Bent Depraved N. Deviant Cock-Smoker, Esq., Superfaggot
COOSN-029-06-71069
"Stupidity excuses nothing. It's only a reason...." -- Phxbrd
Economic Left/Right: -7.63 Social Libertarian/Authoritarian: -7.38
"The whining has just begun." -- John Wentzky
Killfiled by: directory; Anim8rfsk
```

"It's not nice to misrepresent Mother Nature."
http://www.lowgenius.net/kookway.htm
TEH WAY OF THE K00K
Never learn from your mistakes.
Always practice your mistakes; you may get them right.
Always pick on those smarter and tougher than you.
Always believe that only you know the TRVTH.
Never allow logic or reason get in the way of a good k00k.
When being overwhelmed by logic and reason: k00ksuit!
If you are going to be wrong, do it at the top of your lungs.
When caught in a lie: LIE!
When in doubt: Order the Crab Won Ton
Plagiarism is your friend. Use it.
Whenever contradicted; morph, start calling people names, and make false accusations. Include the children of your target in your allegations, even if they don't have any.
(06-Jun-05) When nobody else will listen, post to your own fan group.
(06-Jun-05) Obviously, since you have your own fan group, this must mean that you have fans. Post prolifically to your fan group - you wouldn't want to disappoint them!
(10-May-2005)Everyone reads usenet. Approval here means approval everywhere.
Post numerous blank posts, or posts containing only a message id.
Post numerous copy&paste web articles from crackerpot websites.
Never forget to call kookologists "k00ks."
If there are several, call them "sockpuppets" too
When all else fails, accuse various and sundry kookologists of e-mailing viruses to you. This is a sure-fire method of garnering sympathy and ensuring that the General Public will always see things your way. An especially effective sub-strategy here is to accuse them of infecting you with the 'Sasser' worm via e-mail.
Quote notorious scientists or writers - it makes it look as if they approve the drivel you are writing!
(9-Jul-05) Anytime your computer is infected with a virus, bogged down by spyware, attacked over your internet connection, or otherwise suffers from preventable problems, government agencies are responsible and are trying to silence you and are monitoring your computer files.
Ignore all traffic signs and feel free to trespass, you don't have to obey any rules.
Scare your enemies with lawsuits, police escorts and whines.
Always back up your empty (albeit noisy) threats with phony LARTs, false police reports, and harassing letters to the FBI and other gubbermint agencies.
Be vigilant in your redundancy. The more you repeat yourself, the more likely others will believe you!
If you can't find anyone as crazy as yourself to support you in the flamewars you start with the normal population, create sock puppets and use anonymous remailers that shamelessly hang on every word you write.
(17-Mar-05) When dealing with law enforcement, remember that it is they who have the problem, not you. Be sure to inform them of this at every

available opportunity, as they will surely appreciate your constructive criticism. Be sure to make them aware that YOU KNOW YOUR RIGHTS! ("The cops like that, when people know their rights. That way they don't have to read them to you on the way to the station." - George Carlin)
The more your fake personalities adulate you, the more respect you'll get!
When confronted with a reality that you don't like: Announce loudly that you are departing, never to return as long as there's an Internet. Come back in three or four days and claim you were drunk, hacked, abducted by alience, or forged. Alternately you can just not even mention your prior departure, and if anyone asks you about it, either ignore them or respond with something along the lines of "YOUR NOT THE BOSS OF ME! *PLONK*!" People really know you mean business then.
Always remain clueproof.
(20-Mar-05) Anyone who does not believe that you are the reincarnation of [$DEITY_OR_PROPHET] is obviously an infidel lacking in faith whose soul in in peril of everlasting damnation.
When responding to one line challenges, post paragraphs of rants and screed in response.
Incoherency is not a roadblock to poasting.
Neither is illiteracy.
Delusions poasted often enough become fact.
Claim you will destroy <insert newsfroup> for attacking you.
When spnaked, send cmsg for Fanboi newsfroup(s).
Find your Lame, Use your Lame, Be your Lame!
Post Edit when the TRVTH hurts.
Always sneck the offending newsfroups.
Always poast pictures of yourself so you can be admired in all your k00ky glory.
Always accuse others of the very acts you are guilty of.
Post lots of boasts about your high IQ and incredible talents.
(20-Mar-05) If you repeat a lie often enough, it becomes the truth. Anybody who fails to understand this is engaged in a deliberate campaign of misinformation and character assassination.
Always <plonk> somebody just before replying the plonkee!
The k00k considers itself the most intelligent person in any conversation, possibly on the planet. Other people are benighted and ignorant, and have been waiting their whole lives for the k00k to rescue them from intellectual darkness.
Write a self-published book and claim it a success. Bonus points for comparing it to "Mein Kampf" and/or the Bible.
Declare yourself equal to a deity of your choice.
Claim that you've come from other planets.
Claim thousands of past lives.
Frothing complaints carry far more weight when you send them from "legal@" some domain.
Nothing strikes terror into the hearts of your detractors more than telling them that you're archiving their messages for possible use in the future.
Never forget that everyone else posting to Usenet is a paid

disinformation agent looking to discredit you.
Usenet is governed by US law. If a poster in Romania killfiles you, he's obviously violating your 1st Amendment rights and can be sued.
Every news admin in the world hangs out in NANAU, and they're just dying to nuke the account of that meanyhead who just called you "fucknozzle". Drop 'em a line - that's what they're there for, after all.
AUK will be closed down. Just you wait and see.
They've nuked hundreds of accounts in the name of free speech and *yours* will be next.
The k00k will, without any trace of irony, lie, manipulate, impersonate, censor, and declare themselves powerful in ways ranging from the ability to have an account shut down to being God Herself, in order to convince people that they are not liars, manipulators, censors, or insane.
Abuse women while telling how many hundreds you've loved. Nevermind that you're one ugly motherfucker and that there were 30,000 femininas that thought you were a scumbag with bad teeth.
Remember that your ko0ky klaims are 'facts', and that 'facts' do not require proof.
Do not neglect to poast your responses to forums that the originator doesn't read. This will make the people in that forum very impressed with how you tear him to shreds without him being able to respond. They like it even better if you are off-topic for that forum.
Keep in mind that lack of evidence supporting your konspiracy theory actually _is_ evidence, of how effective the konspiracy is in hiding.
(06-Oct-05) When spanked, always retreat to the safety of the Ad Hominem.
(04-Aug-2005) When spanked mercilessly for days on end, proving with each poast just what an illiterate and ignorant fool you are, ALWAYS claim ownership of [person(s),froup(s)]. This works on so many levels. It inspires dread in your opponents that they will no longer be able to poast in their home froup and that they will eventually have to pay rent, to name just two.
Any problems with your poasts are the fault of the konspirators, who are trying to stop you from preventing the extinction of humanity.
Konspiracies that are able to subvert whole governments are always unable to silence konspiracy ko0ks.
The entire United States government is willing to spend millions of dollars for the sole purpose of harassing you.
Hollywood is making movies based on your personal life.
Do not consult psychiatrists or other mental health professionals. They are part of the konspiracy, and will sedate you and lock you away and keep you drugged if you tell them the truth.
Numerology and Astrology are respectable sciences and are useful for proving your case.
Everyone is Tim Hill, or David Green, or...
There is a fine line between trolling and kookery. Find that line and cross it repeatedly. When you are killfiled and/or LARTed for net.abuse as a result, claim victory. If you lose multiple accounts, this merely proves that you are indeed a world-class troll, with a black-belt in manipulation.

If you respond to every post someone else makes, they're obsessed. If they respond to less than 1% of your posts, they're even more obsessed.
Publishing people's real names, addresses, and phone numbers when there's no other way for you to come out of a flamewar with any dignity is cool, and proves that you are a master of secret internet information stores, and absolutely not to be fucked with.
Everyone is out to get you. You can put a stop to this by telling everyone that they're out to get you at every available opportunity.
You are the only sane one.
Those that give you a hard time about morally bankrupt things you yourself admit to are just persecutioners of the new inquisition.
Yelling in all caps and cursing at your detractors is debate. Your detractors laughing at you with sarcastic remarks is obvious anger and jealousy.
If doing something results in the loss of your account, legal hassles, or blunt trauma injury, do it again. It always works better the second time.
Asterisks, lots and lots of Asterisks.
Poking holes in kookscreed is stalking, and is a felony.
K00ks LOVE to "connect the dots". They are, of course, dots that only the k00k can see.
"They laughed at Einstein, too!"

...with thanks to Aratzio, Dr. Flonkenstein, Dan Baldwin, Cujo, CJ Osterwald, Jade, Bookman, and John Henry, of AUK. Meow. Original thread at http://tinyurl.com/3fsho - some posts may not appear due to x-no-archive headers. The spelling mistakes are intentional, dolt.

4388. Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 17:13:26 UTC
From: Stefan Wolfe <stefan@eml.com>
Message-ID: <4592a9b6$0$18077$4c368faf@roadrunner.com>
Source record: 47562
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

SAN FRANCISCO: It may be the ultimate SOS.

Morse Code is in distress.
.....
.....
While the decision had been expected, some ham radio operators fear that
their exclusive club has been opened to the unwashed masses
- and that the very survival of Morse Code is in question.
.....
The demise of the Morse requirement, however, could be a boon for ham radio
itself. After the FCC decision, demand for information
about radio licenses surged from about 200 in a typical weekend to about
500, according to the American Radio Relay League, an
organization representing ham radio operators.
.....
"It's part of the dumbing down of America," said Nancy Kott, editor of World
Radio magazine and a field representative for the
Centers for Disease of Control and Prevention in Metamora, Michigan. "We
live in a society today that wants something for nothing."

A female in a mostly male radio world, Kott is one of about 660,000 licensed
ham operators in the United States and is the U.S.
leader of Fists CW Club, an organization that calls itself the International
Morse Preservation Society.

... So true, Ms. Kott...

4389. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 17:21:25 UTC
From: John Smith I <assemblywizard@gmail.com>
Message-ID: <emua08$p00$1@aioe.org>
Source record: 47563
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

Stefan Wolfe wrote:
> ...
> ... So true, Ms. Kott...
>
>

Let's demand Ms. Kott learn to do calligraphy, make handmade parchment and operate an old franklin press, before we license her to be a mag's editor!

Then let's see how she feels about "dumbing down."

JS

4390. Attention Out-of-the-Box Thinkers...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 17:42:18 UTC
From: Richard Fry <rfry@adams.net>
Message-ID: <1167241338.929662.305300@f1g2000cwa.googlegroups.com>
Source record: 47564

...here is some inspiration for you.

http://video.google.com/videoplay?docid=5125780462773187994

4391. Re: A moment of silence my friends for a silent key.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 17:52:04 UTC
From: "Mark@kb9rqz.aspr" <Mark@kp9rqz.asr>
Message-ID: <4592a60a$0$15425$88260bb3@free.teranews.com>
Source record: 47565
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

"JIM" <jslaird@goldfieldaccess.net> wrote in message
news:SNednTkkkupkAA_YnZ2dnUVZ_rqhnZ2d@deskmedia.com...
>
> "Bill Turner" <noway@nowhow.com> wrote in message
> news:blbbo25epdssnp6sk1g1ss5sc3dmuc0007@4ax.com...
>> Please folks, do not reply to these off topic posts.
>>
>> If these idiots never get any replies, they will eventually give up
>> and go away.
>>
>> Thanks,
>>
>> Bill, W6WRT
>
>
> I just tuned into this News Group to find some and not all ham's like to
> speak better of there self's than they act.
> I thought that was why people became Ham radio Operators and had gotten
> away from C.B. God I hate that C.B. I get sick thinking about it. I've
> been a S S B Radio Operator for a long time. Yes I prefer to that think
> that there are Three types of Radio. No need to go there and get my but
> kicked by the know it's on here. It has been said so many times no matter
> what the Hobby. There is always someone out there trying to take the fun
> out of anything good. And I just seen some of them here. I have been
> wanting to become a Ham operator for I'll bet at least 35 or 40 years. The
> code has always stopped me. I have a learning disorder. It does not make
> me retarded
indeed it do make you reatrted im fact you give reterds a badname is just
the sume of your delsuion an hag dug youself in two deep aigan so in colsing
with the punce gotcha do you hav anyting cognet two say?
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4392. stev posts like this on his vacation

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 18:12:55 UTC
From: Mark@kb9rqz.aprs
Message-ID: <hsd5p258sunabip4cnsrjahug27rj635tj@4ax.com>
Source record: 47566
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.cb

On 27 Dec 2006 06:28:12 -0800, "Not Cocksucker Lloyd"
<not_time_turd_lloyd@yahoo.com> wrote:

>
>TransWench wrote:
>> I was busily flonking away in AUK, when The Goddess Eris Herself suddenly
>> made me reply to Andy the Perv Timberlake:
>> > The Demon Princess of Obtusity blathered in a syphilitic rage:
>> >> On Mon, 25 Dec 2006 12:30:45 -0500, Wabbit, posting as
>> >> Mark@kb9rqz.aspr, did the cha-cha, and screamed:
>> >>
>> >> > ok I back four anoter tuff day on the news grupes it my job tast is
>> >> > waht I
>> >> > do so bringit on you loosers
>> >> > show-na-to-va (that is the greeting for this time of year as JEW
>> >> > rendered
>> >> > phonicticaly)
>> >> > happy new years it means and it can be better one if Wismen Robson
>> >> > and SC a few just decided to not to be as hateful with the punce
>> >> > gotcha he wonders why I simple don't bother to ty impoving my
>> >> > spelling do u hav anyting
>> >> > cognet two say?
>> >>
>> >> Yes. I do hope the FNVW remembers Wabbit for the Edmond Wollmann
>> >> Memorial Rubber Xmas Turkey. Chung shouldn't always get it.
>> >
>> > Just like you hope to remember how your daddy gives you your xmas
>> > present from behind without K-Y and pressing down on your zit filled
>> > back, no doubt.
>>
>> Nice fantasy you have there. Did you come up with it yourself, or did
>> you have to steal it?
>
>Nice admission that it is true.

still you can't read woger
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4393. Re: steve veraion of christmas cheer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 18:14:41 UTC
From: Mark@kb9rqz.aprs
Message-ID: <40e5p2hri1qc4m9d94fd03konm04dokr5j@4ax.com>
Source record: 47567
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.cb

```
On 27 Dec 2006 06:29:15 -0800, "Not Cocksucker Lloyd"
<not_time_turd_lloyd@yahoo.com> wrote:

>
>Mark@kb9rqz.aprs wrote:
>> On 26 Dec 2006 09:38:29 -0800, "Andy the Perv Timberlake"
>> <andy_theperv_timberlake@yahoo.com> wrote:
>>
>> >
>> >Mark@kb9rqz.aprs wrote:
>> >> On 26 Dec 2006 09:27:40 -0800, "Andy the Perv Timberlake"
>> >> <andy_theperv_timberlake@yahoo.com> wrote:
>> >>
>> >> >The Demon Princess of Obtusity blathered in a syphilitic rage:
>> >> >> On Mon, 25 Dec 2006 12:30:45 -0500, Wabbit, posting as Mark@kb9rqz.aspr,
>> >> >> did the cha-cha, and screamed:
>> >> >>
>> >> >> > ok I back four anoter tuff day on the news grupes it my job tast is waht
>> >> >> > I
>> >> >> > do so bringit on you loosers
>> >> >> > show-na-to-va (that is the greeting for this time of year as JEW
>> >> >> > rendered
>> >> >> > phonicticaly)
>> >> >> > happy new years it means and it can be better one if Wismen Robson and SC
>> >> >> > a few just decided to not to be as hateful with the punce gotcha he
>> >> >> > wonders why I simple don't bother to ty impoving my spelling do u hav
>> >> >> > anyting
>> >> >> > cognet two say?
>> >> >>
>> >> >> Yes. I do hope the FNVW remembers Wabbit for the Edmond Wollmann
>> >> >> Memorial Rubber Xmas Turkey. Chung shouldn't always get it.
>> >> >
>> >> >Just like you hope to remember how your daddy gives you your xmas
>> >> >present from behind without K-Y and pressing down on your zit filled
>> >> >back, no doubt.
>> >> stick to Hal tuner he might be dumb enough for you to tackle
>> >
>> >What's a "Hal tuner?" Is that what they used on the computer in 2001: A
>> >Space Odyssey, you fucking illiterate faggot?
>>
>> you know
>
>No, nobody can read your gibbering, retarded monkey.
```

worng again woger
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4394. Re: Attention Out-of-the-Box Thinkers...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 18:25:37 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1167243937.766475.141430@f1g2000cwa.googlegroups.com>
Source record: 47568

Yeah but the designers missed the fact that any time the inverse digits
lobulator was in declination the synchroparser would perverse polarity
and a recurradent 69 summation would result...

denny

Richard Fry wrote:
> ...here is some inspiration for you.
>
> http://video.google.com/videoplay?docid=5125780462773187994

4395. ," according to CDC<<<< nope

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 18:26:08 UTC
From: Mark@kb9rqz.aprs
Message-ID: <ije5p2tu7ml0g24bpovfh1fifqrimnv29g@4ax.com>
Source record: 47569
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

On Wed, 27 Dec 2006 12:13:26 -0500, "Stefan Wolfe" <stefan@eml.com>
wrote:

>SAN FRANCISCO: It may be the ultimate SOS.
>
>Morse Code is in distress.
nope code testing is dead sadly code use continues and will as long as
people chose to waste time on it
>"It's part of the dumbing down of America," said Nancy Kott, editor of World
>Radio magazine and a field representative for the
>Centers for Disease of Control and Prevention i
but she clearly lacks the power to speack for the CDC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4396. Re: Dual-Polarized Wifi Antennas

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 18:58:20 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <gnzkh.2763$%M1.1370@trnddc08>
Source record: 47570
Cross-posted to: rec.radio.amateur.antenna,alt.internet.wireless

<kevin.pavin@gmail.com> wrote in message
news:1167238477.373643.102710@h40g2000cwb.googlegroups.com...
> Hi all,
>
> I'm looking to purchase an dual-polarized antenna that operates at
> 2.4Ghz. In particular its necessary that the phase centers of each of
> the elements be close to spatially identical. So I guess something
> like a patch antenna with the elements making an X pattern and
> centerfed feeds. Any suggestions where to order such an antenna? I've
> purchased most my antennas from hyperlink but don't carry this sort of
> antenna. Thanks for any suggestions,
>
> Kev
>

Hi Kev

Do you want circular polarization or will you use switching to *either*
antenna?

Jerry

4397. Re: Attention Out-of-the-Box Thinkers...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 19:01:05 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <Rpzkh.2764$%M1.651@trnddc08>
Source record: 47571

"Richard Fry" <rfry@adams.net> wrote in message
news:1167241338.929662.305300@f1g2000cwa.googlegroups.com...
> ...here is some inspiration for you.
>
> http://video.google.com/videoplay?docid=5125780462773187994
>

Thanks Richard, I'm saving that one.

4398. Re: will a 10 meter fm antenna work on SSB

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 19:02:59 UTC
From: Jerry Martes <j.jmartes@verizon.net>
Message-ID: <Drzkh.2765$%M1.725@trnddc08>
Source record: 47572

<nobody@nowhere.com> wrote in message
news:4f95p25r3dg9dmumo9vnt90hhb46476b5m@4ax.com...
> On Tue, 26 Dec 2006 14:08:39 GMT, "Jerry Martes"
> <j.jmartes@verizon.net> wrote:
>
>>
>><nobody@nowhere.com> wrote in message
>>news:ksu1p257lnl938alftj6drpheak809mocn@4ax.com...
>>> I'm thinking of getting a quad antenna for my car. I believe its 10m,
>>> 6m, 2m, and 70cm. I wondering if the 10m will work with ssb.
>>>
>>> Just curious.
>>
>> That seems like an odd trade. Perhaps it would be better if you tried
>> to
>>borrow the money from a friend and pay cash for the quad.
>>
>> Also curious
>>
>
> nice tounge in cheek

I began to think that nobody 'got it'.

4399. IMD products from VSWR meters

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 19:19:39 UTC
From: Ian White GM3SEK <gm3sek@ifwtech.co.uk>
Message-ID: <Uhhd2+DLdskFFAf0@ifwtech.co.uk>
Source record: 47573

Earlier, VK1OD wrote:
>
>I see in the Wikipeadia entry for SWR meters the following:
>
>"When not actually measuring VSWR, it is best to remove the ordinary type
>of passive SWR meter from the line. This is because the internal diodes of
>such meters can generate harmonics when transmitting, and intermodulation
>products when receiving. Because active SWR meters do not usually suffer
>from this effect, they can normally be left in without causing such
>problems."
>
>I have seen this advice from time to time, and having done some back of the
>envelope calcs, I wonder at the accuracy of it.
>
>Has anyone seen reports of measurements of the level of harmonics and IMD
>products in the main line caused by the diodes of VSWR meters?

Sorry for this delayed reply...

The question about harmonics (as distinct from IMD) from VSWR meters came up in my Radcom column in 1997.

The following text is based on what I could find out at the time. I can't reproduce the schematic of an old-style VSWR meter here (called "Fig 39" in the original article) but it is similar to the schematic in the Wikipedia article. R2 is the resistor that terminates the sampling line, with the diode detector at the opposite end of the line. RV1 is the "sensitivity" pot between the diode detector and the moving-coil meter.

****

Q: IN MY HF STATION, should I put the lowpass filter between my in-line VSWR meter and the antenna, or between the transmitter and the VSWR meter? Local club members are split on the issue!

A: IT MATTERS LESS than some people think. There is an old, old story that the rectifier diodes in the VSWR meter cause harmonics, and that therefore the lowpass filter should come after the VSWR meter to prevent these harmonics from reaching the antenna and being radiated. That may once have been true, but it required some special conditions that rarely apply any more.

The older style of HF VSWR meter used coupled sampling lines, parallel to the main conductor of the coaxial cable (Fig 39). The coupling between the main line and the two sampling lines increases with

frequency, so a sensor designed to cover all HF bands would be very strongly coupled on 21 and 28MHz - all the more so if the moving-coil meter was not very sensitive and the coupling had to be increased even more. On the higher HF bands, the sensitivity control RV1 would be turned down so as not to 'pin' the meter, but there is no doubt that the diodes were being driven quite hard. Because the coupling increases with frequency, any harmonics generated in the sampling lines would be coupled even more effectively back into the main line. Under these circumstances, interference to Band 1 TV on the second or third harmonic would be quite possible.

Modern HF VSWR meters are quite different. They use a transformer coupling system that is essentially independent of frequency, and in most instruments the moving-coil meters are also more sensitive than in days of old [1]. Therefore the diodes are driven nothing like so hard, and there is much less likelihood of significant harmonic generation. Even with the older-type of VSWR meter, harmonic generation was by no means universal. G3RZP has grossly overdriven his old 'Labgear' meter until the terminating resistor R1 bubbled hot wax, but still found no sign of harmonics above -70dB with respect to the main carrier.

It therefore seems that, especially in modern times, the EMC hazards of connecting a VSWR meter straight to the antenna are over-rated.

****

[1] Inside a Directional Wattmeter: 'In Practice September 2002 (written 5 years later than the above):
http://www.ifwtech.co.uk/g3sek/in-prac/best-of.htm#bruene

The "harmonics" story is an old one, but the accusation that VSWR meters also contribute significant IMD is new to me. However, since we don't observe significant levels of harmonics generated by the diode detectors in modern VSWR meters, it's also very unlikely that we would observe significant levels of IMD since the two processes are very closely related.

As Owen and others have remarked, the "IMD" story seems to be nothing more than a new twist on an old (but persistent) piece of ham folklore.

--
73 from Ian GM3SEK 'In Practice' columnist for RadCom (RSGB)
http://www.ifwtech.co.uk/g3sek

4400. Re: Attention Out-of-the-Box Thinkers...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 19:22:47 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <4ch5p29cuo3i86s71q82vne03ra208fc4b@4ax.com>
Source record: 47574

On 27 Dec 2006 09:42:18 -0800, "Richard Fry" <rfry@adams.net> wrote:

>...here is some inspiration for you.
>
>http://video.google.com/videoplay?docid=5125780462773187994

To bad it's nearly 10 years out of date and wholly unaware of the
vector miracle of optimized Gaussian bundles, or novel definitions of
length efficiency.

Aside from that, I would think it provides a super-saturated solution
of inspiration. Just dip in a string and make your own rock candy
linear loaded radiator. Add drops of food coloring and it makes a
great Christmas tree decoration.

-whew!-

73's
Richard Clark, KB7QHC

4401. Re: what are you using for dipole supports

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 19:43:58 UTC
From: Bryan <bryan.swadenerNOSPAM@comcast.net>
Message-ID: <MMWdnRW3Xq6YUA_YnZ2dnUVZ_qWvnZ2d@giganews.com>
Source record: 47575

Michael J queried:
>
> Hi
> I been looking for the tv push masts that I used to use for supporting
> my dipoles when I was younger. I used to get the fifty foot one stick
> a ten foot top section and guy for a decent 80 meter suport system.I
> can find anything that is above thirty feet with the loss of tv
> antennas to direct and cable . Any sources or other good ideas for
> this. I really do not want to buy a tower for this espically as I had
> used several for different antennas. Maybe someone has done some
> groundwork on using steel or aluminium tubing? Thanks
>
> --
> Michael J

Hi Michael,

I've recently fabricated a 35' tilt-over mast from aluminum pipe but it sounds like you're locked into using a push-up mast. Rohn used to make push-up telescoping masts I see that now, Channelmaster (http://www.channelmaster.com/) is making them. They produce 30, 40, and 50' models in both standard and heavy-duty versions: http://www.pctinternational.com/channelmaster/mounaccess.html. Lowes handles Channelmaster.

Ideally, you'd want to get the antenna up at least a quarter-wavelength. However, at 80m as an example, this is some 60' -- which will be problematic with a push-up mast. Get the antenna up as high as you can manage. You'll some assistance to erect the taller masts, and then you have a mast that is only electro-galvanized steel -- which will rust out and then become an even bigger problem to maintain or disassemble. At the very least, replace the hardware with stainless steel (and use antiseize compound on the threads). For antenna erection/mainenance, hang a good weatherproof pulley on the top and use UV- and rot-resistant rope. McMaster-Carr (http://www.mcmaster.com/) is a good source for these items.

Bryan WA7PRC

4402. Re: Antenna Stirs Up Controversy :-)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 20:47:46 UTC
From: Mike Coslo <mcoslo@comcast.net>
Message-ID: <Xns98A6A0B1F8E11mcoslocomcastnet@216.196.97.136>
Source record: 47476

"Pete" <zs5actRemovethis@mweb.co.za> wrote in
news:emqlsj$e2s$1@ctb-nnrp2.saix.net:

> If the neighbourhood had not removed every single tree around, the
> antenna would not look so stark in it's nested state. We have a lot of
> those walled estates here in ZS and they seem to attract the same anal
> residents!

And behind walls is a great place for them.

> The developments here are also devoid of trees.
> Unfortunately, we don't have a federal law to rely on here, our
> amateurs have to rely on sneaky antennas only.

Perhaps the Amateur could get rid of his unattractive antenna if
the neighborhood would agree to purge itself of other eyesores - such as
the adipose and unnatractive women complaining about the antenna.

> Lucily I live in a freehold suburb with plenty of trees. My 55'
> crank-up also nests at about 20' and is virtually invisible from all
> roads but one due to the trees around it. Only my immediate neighbours
> can see it in the nested position, but they still have the trees to
> get an idea of the proportions so it is not a problem. Trees have more
> bulk than the antenna and give proportion to it's size.
>
> Maybe that guy should print some info leaflets for the neighbours to
> inform them that in an emergency situation, that 'eyesore' could be
> their only communications system and their lifeline to help?

I believe, he would be better off selling his place and moving to a
neighborhood that doesn't have People who want to controll everything
their neighbors do.

> People forget surprisingly quickly that the distance from the top of
> the (technological) heap to the bottom is an incredibly short
> distance! One big storm in the right place and infrastructure can
> crumble and take them back to their medievil walled villages that they
> appear to be longingly trying to emulate!

Like I said, they belong behind walls....

> What hole comes before a B-Hole?

And How!

- 73 de Mike KB3EIA -

4403. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 21:25:53 UTC
From: robert casey <wa2ise@ix.netcom.com>
Message-ID: <BxBkh.4307$yx6.793@newsread2.news.pas.earthlink.net>
Source record: 47477
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

Stefan Wolfe wrote:

> The demise of the Morse requirement, however, could be a boon for ham radio
> itself. After the FCC decision, demand for information
> about radio licenses surged from about 200 in a typical weekend to about
> 500, according to the American Radio Relay League, an
> organization representing ham radio operators.
> ......
> "It's part of the dumbing down of America," said Nancy Kott, editor of World
> Radio magazine

In the R&O, the FCC observed that there was no connection between morse code knowledge and compliance with the rules. The old 14.313 disaster was back in the days of 13 WPM and above coded hams. And VHF didn't turn into a CB mess since no code technician licenses started. And HF didn't get worse with 5WPM generals and extras. So as far as the FCC is concerned, they decided that there was no regulatory point in keeping element 1 in the tests. And the FCC isn't in the business of handing out merit badges. The whole point in requiring license testing is to be sure that people are at least aware of the responsibilities involved with transmitting RF into the radio spectra, that we do it in such a way that doesn't trash the spectrum for other users, ham and others. We then get permission to build, modify and so on transmitting equipment if we want to. CBers or FRSers are not supposed to do that.

As for newbies, virtually all new hams want to be accepted into our world, and will learn and adjust their operating habits as needed to be accepted. This has been true since day one, and aside from a few fools saying things like "No kids, no lids, and no space cadets" everyone knows what it was like to be a newbie.

4404. Re: ," according to CDC<<<< nope

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 21:28:03 UTC
From: robert casey <wa2ise@ix.netcom.com>
Message-ID: <DzBkh.4309$yx6.981@newsread2.news.pas.earthlink.net>
Source record: 47478
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

Mark@kb9rqz.aprs wrote:

> but she clearly lacks the power to speack for the CDC

So? For the last 20 years or so, it's been understood that no user
speaks for their ISP, be it a subscription service or their company.

4405. Re: Attention Out-of-the-Box Thinkers...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 21:42:39 UTC
From: Irv Finkleman <finkirv@shaw.ca>
Message-ID: <4592E8D6.C1DDBE8F@shaw.ca>
Source record: 47479

Is there a slow speaking version for those who do not
know Morse?

Irv VE6BP

Richard Fry wrote:
>
> ...here is some inspiration for you.
>
> http://video.google.com/videoplay?docid=5125780462773187994

--

Visit my HomePage at http://members.shaw.ca/finkirv/index.html
Visit my Baby Sofia website at http://members.shaw.ca/finkirv4/index.htm
Visit my OLDTIMERS website at http://members.shaw.ca/finkirv5/index.htm
---
Irv Finkleman,
Grampa/Ex-Navy/Old Fart/Ham Radio VE6BP
Calgary, Alberta, Canada

4406. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 22:03:09 UTC
From: Dave <noone@nowhere.com>
Message-ID: <dYKdnSvMuZoCcA_YnZ2dnUVZ_oS3nZ2d@crocker.com>
Source record: 47480

"art" <aunwin@insightbb.com> wrote in message
news:1167184001.932980.87680@f1g2000cwa.googlegroups.com...
> I do have a lot of equipment but I realise that it is of little use if
> you cannot rely on the results you obtain, that is the beauty of
> computor programs as most of the human frailties
> have been removed.

and this is his downfall... first, computer programs are written by humans.
often by humans who don't understand the complete problem and are being fed
requirements that may or may not be properly stated. and then of course
they have to be used by humans who understand the limitations that were
built into the programs, something art doesn't understand. computer
programs are only as good as the people who wrote them, AND the people who
use them, you can't substitute a design program for understanding of the
problem.

4407. Re: Attention Out-of-the-Box Thinkers...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 22:45:48 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12p5tst5oc6j3ad@corp.supernews.com>
Source record: 47481

Wow, it's taken Rockwell nearly forty years to discover this technology. This is obviously only a minor modification of the Turbo-Encabulator, described in detail as early as 1967. I noticed that many of exactly the same basic principles are used in the "new" device. Here's where I first heard of this technology:

From Q POINT, the 9th Aerospace Defense Division newsletter, March 1967

Something for the Technically-Minded

(Our more technically-minded readers have occasionally criticized Q POINT for carrying what they consider less than significant articles. Because of this criticism, we offer the following article on the development of the Turbo-Encabulator. Frankly, it is a little deep for us, but we hope you find it something of value. - Ed.)

For a number of years now, work has been proceeding in order to bring perfection to the crudely conceived idea of a machine that would not only supply inverse reactive current for use in unilateral phase detractors, but would also be capable of automatically synchronizing cardinal grammeters.

Such a machine is the "Turbo-Encabulator".

Basically, the only new principle involved is that instead of power being generated by the relative motion of conductors and fluxes, it is produced by the modial interaction of magnetoreluctance and capacitive directance.

The original machine had a base-plate of prefabulated amulite, surmounted by a malleable logarithic casing in such a way that the two spurving bearings were in a direct line with the pentametric fan. The latter consisted simply of six hydrocoptic marzelvanes, so fitted to the ambifacient lunar waneshaft that side fumbling was effectively prevented. The main winding was of the normal lotus-o-delta type placed in panendermic semi-boloid slots in the stator, every seventh conductor being connected by a non-reversible tremie pipe to the differential girdle-spring on the up end of the granmeters.

Forty-one manestically spaced grouting brushes were arranged to feed into the rotor slip-stream a mixture of high s-value phenylhydrobenzamine and five percent reminative tetraliodonexamine. Both of these liquids have specific pericosities given by P-2.5c. n 6.7 where "n" is the diathetical evolute of retrograde temperature phase disposition and "c" is Cholmondeley's annular grillage coefficient. Initially, "n" was measured with the aid of a metapolar refractive pilfrometer (for a description of the ingenious instrument, see "L. E.

Elektrotechnistratischs-Donnerblitze," Vol III), but up to the present date nothing has been found to equal the trancendental hopper dadoscope. (See "Proceedings of the Peruvian Academy of Skatalogical Sciences," June 1914.)

Electrical engineers will appreciate the difficulty of nubbing together a regurgitative purwell and a suporamitive wennelsprocket. Indeed, this proved to be a stumbling block to further development until, in 1942, it was found that the use of anhydrous nagling pins enabled a kryptonastic bolling shim to be tandered.

Undoubtedly, the turbo-encabulator has now reached a very high level of technical development. It has been successfully used for operating nofer trunnions. In addition, whenever a barescent skor motion is required, it may be employed in conjunction with a drawn reciprocating dingle arm to reduce sinusoidal depleneration.

Roy Lewallen, W7EL

4408. Re: Attention Out-of-the-Box Thinkers...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 22:56:02 UTC
From: KC8GXW-Jim <kc8gxw@CENTURYTEL.NET>
Message-ID: <z_mdnXPdwoGfZw_YnZ2dnUVZ_vzinZ2d@centurytel.net>
Source record: 47482

Denny wrote:
> Yeah but the designers missed the fact that any time the inverse digits
> lobulator was in declination the synchroparser would perverse polarity
> and a recurradent 69 summation would result...
>
> denny
>
> Richard Fry wrote:
>
>>...here is some inspiration for you.
>>
>>http://video.google.com/videoplay?docid=5125780462773187994
>
>

Sounds like BS to me, everybody knows that the Duldorfer Sway Angle
Phase Purfer won't sway when used with DAC electrical mechanical power!

4409. Re: Mechanics of AC current flow - ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 23:01:14 UTC
From: k1drw <k1drw@comcast.net>
Message-ID: <1167260474.600560.28840@42g2000cwt.googlegroups.com>
Source record: 47483

Roy:
Very well explained. Thank you kindly...!

Your explanation and Cecil's were very clear and easy to
understand. Sincere thanks for taking time. I very much appreciate
the elmering.

respectfully,
Dennis R. Wells Sr., k1drw

4410. Re: ," according to CDC<<<< nope

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 23:36:27 UTC
From: John Smith I <assemblywizard@gmail.com>
Message-ID: <emuvv9$9rc$3@aioe.org>
Source record: 47484
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

robert casey wrote:
> Mark@kb9rqz.aprs wrote:
>
>> but she clearly lacks the power to speack for the CDC
>
> So? For the last 20 years or so, it's been understood that no user
> speaks for their ISP, be it a subscription service or their company.

Huh? What does an isp user have to do with the CDC (Center for Disease
Control)

JS

4411. Re: ," according to CDC<<<< nope

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 23:37:37 UTC
From: Mark@kb9rqz.aprs
Message-ID: <ht06p2tqeb7j062oprklv4v3g2qa6smpbb@4ax.com>
Source record: 47485
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

On Wed, 27 Dec 2006 15:36:27 -0800, John Smith I
<assemblywizard@gmail.com> wrote:

>robert casey wrote:
>> Mark@kb9rqz.aprs wrote:
>>
>>> but she clearly lacks the power to speack for the CDC
>>
>> So? For the last 20 years or so, it's been understood that no user
>> speaks for their ISP, be it a subscription service or their company.
>
>Huh? What does an isp user have to do with the CDC (Center for Disease
>Control)
>
>JS
it was just an excuse to attack me
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4412. Re: Go ahead and cry, we understand Slow Code :(

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 23:48:15 UTC
From: Stefan Wolfe <stefan@eml.com>
Message-ID: <45930643$0$16948$4c368faf@roadrunner.com>
Source record: 47486

"Pete" <zs5actRemovethis@mweb.co.za> wrote in message
news:emhb8u$gd1$1@ctb-nnrp2.saix.net...
> Hi All,
> The 30M band is also a phone band during daylight hours in the Southern
> Hemisphere. Still not much traffic though!
>
> Glad to see the US finally did the right thing with regard to CW.
>
> 73 from South Africa.

The 30M band is too narrow to support much SSB usage and is therefore not very suitable for that mode. It is much more suitable for narrow modes such as CW and psk31.

Thank you for your patronizing comment about the USA finally doing the right thing by ending morse code. May I return your sentiment by observing that I am "glad" that South Africa finally did the right thing when you recently ended Apartheid (about 250 years after the US ended slavery).

4413. Re: Attention Out-of-the-Box Thinkers...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 23:56:30 UTC
From: John Smith I <assemblywizard@gmail.com>
Message-ID: <emv14sdjh1@aioe.org>
Source record: 47487

Roy Lewallen wrote:
> ...
> Roy Lewallen, W7EL

Roy:

You remind me of a physics instructor of mine from 1970.

He brought in a very thick piece of foam rubber, a bowling ball and a tennis ball. He placed the heavy bowling ball in the center of the foam rubber; it sank, very pronouncedly, deep into the foam rubber. Next, he placed the tennis ball some distance away, on the foam, from the bowling ball; immediately the tennis ball rolled towards the bowling ball and rested against it.

He then stated, "Gentlemen, that is an Einstein gravity well! Now we will have a real look as to why."

<chuckle>
Regards,
JS

4414. Re: Attention Out-of-the-Box Thinkers...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-27 23:58:31 UTC
From: merlin-7 <merlin-7@sc.rr.com>
Message-ID: <459308de$0$5283$4c368faf@roadrunner.com>
Source record: 47488

Man that video is old, the newest version is about the size of a toaster!
Besides the newer versions also have eludium pu 36 explosive space
modulators incorporated in them. I think that ACME mfg. made them.
Joe
"Roy Lewallen" <w7el@eznec.com> wrote in message
news:12p5tst5oc6j3ad@corp.supernews.com...
> Wow, it's taken Rockwell nearly forty years to discover this technology.

4415. Re: what are you using for dipole supports

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 00:07:04 UTC
From: merlin-7 <merlin-7@sc.rr.com>
Message-ID: <45930adf$0$5288$4c368faf@roadrunner.com>
Source record: 47489

Fence top rail may work, If you fill the pipe with foam or something like
that to make it stiffer...and guy it.
Im not really sure what you want to hang on it, so this is my best guess
for something cheap and easy.
Joe
"Bryan" <bryan.swadenerNOSPAM@comcast.net> wrote in message
news:MMWdnRW3Xq6YUA_YnZ2dnUVZ_qWvnZ2d@giganews.com...
> Michael J queried:
> >
> > Hi
> > I been looking for the tv push masts that I used to use for supporting
> > my dipoles when I was younger. I used to get the fifty foot one stick
> > a ten foot top section and guy for a decent 80 meter suport system.I
> > can find anything that is above thirty feet with the loss of tv
> > antennas to direct and cable . Any sources or other good ideas for
> > this. I really do not want to buy a tower for this espically as I had
> > used several for different antennas. Maybe someone has done some
> > groundwork on using steel or aluminium tubing? Thanks
> >
> > --
> > Michael J
>
> Hi Michael,
>
> I've recently fabricated a 35' tilt-over mast from aluminum pipe but it
> sounds like you're locked into using a push-up mast. Rohn used to make
> push-up telescoping masts I see that now, Channelmaster
> (http://www.channelmaster.com/) is making them. They produce 30, 40, and
> 50' models in both standard and heavy-duty versions:
> http://www.pctinternational.com/channelmaster/mounaccess.html. Lowes
handles
> Channelmaster.
>
> Ideally, you'd want to get the antenna up at least a quarter-wavelength.
> However, at 80m as an example, this is some 60' -- which will be
problematic
> with a push-up mast. Get the antenna up as high as you can manage.
You'll
> some assistance to erect the taller masts, and then you have a mast that
is
> only electro-galvanized steel -- which will rust out and then become an
even
> bigger problem to maintain or disassemble. At the very least, replace the
> hardware with stainless steel (and use antiseize compound on the threads).

> For antenna erection/mainenance, hang a good weatherproof pulley on the
top
> and use UV- and rot-resistant rope. McMaster-Carr
> (http://www.mcmaster.com/) is a good source for these items.
>
> Bryan WA7PRC
>
>

4416. Re: Attention Out-of-the-Box Thinkers...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 00:24:19 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12p63ljsv311oee@corp.supernews.com>
Source record: 47490

The very latest models use just a pinch of unobtanium. The ACME material
was mistakenly shipped to some place in the Arizona desert.

Roy Lewallen, W7EL

merlin-7 wrote:
> Man that video is old, the newest version is about the size of a toaster!
> Besides the newer versions also have eludium pu 36 explosive space
> modulators incorporated in them. I think that ACME mfg. made them.
> Joe
> "Roy Lewallen" <w7el@eznec.com> wrote in message
> news:12p5tst5oc6j3ad@corp.supernews.com...
>> Wow, it's taken Rockwell nearly forty years to discover this technology.
>
>

4417. Re: ," according to CDC<<<< nope

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 00:52:16 UTC
From: sapper <billvet6@excite.com>
Message-ID: <1167267136.731298.81160@i12g2000cwa.googlegroups.com>
Source record: 47491
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

"It's part of the dumbing down of America," said Nancy Kott, editor of
World

I wonder if ol Nancy got her ticket back when everyone made their own
equipment at
home (the start of dumbing down of America must have been when hams
started to by
radios from the radio store).Or did she get her ticket back when you
had to draw circuits
as part of the test.That not drawing circuits must have been the real
beginning of dumbing down.What a brain stem.
kc9irr

4418. Re: UPDATE: Question about 20-meter monoband vertical (kinda long - antenna gurus welcome)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 00:53:16 UTC
From: Zommbee <devarim@hotmail.com>
Message-ID: <iaCdnbK5O6LjiA7YnZ2dnUVZ_rSjnZ2d@comcast.com>
Source record: 47492

Hi Steve,

Tried to email you but it bounced. Here's my reply I wrote:

Hi Steve,

You're welcome! I'm having a blast with the new antenna - I've only used trap verticals in the past, and they are SO sharp that you have to pick a band segment and live with high SWR elsewhere forever. Since I run QRP on 20 a lot, I wanted it to be as efficient as possible. I have been tweaking some more and now the SWR at 14.025 is not measurable on my meter, and only 1.3:1 at the far end of SSB! Using my MFJ-259 antenna meter, I was able to tweak the down-angle of the radials for a precise 52 ohm match at the transmitter. So now I think every microwatt possible will make it into the air!

I was very surprised to find that I could make up for the slightly short vertical element (about 2 inches off I'm guessing) by tuning the 4 radials.

It took a LOT more wire than I expected - over a foot on each. But the MFJ meter says it's dead-on resonant at 14.025 at 52 Ohms, so obviously tuning the radials is very important. The vertical element was a BEAR to get up so I was dreading getting it back down - it's copper water pipe and I had to fish it around tree branches to get it in the clear. And the weight vs. leverage (only 25 pounds 'dead weight') made it seem like it weighed at least 100 pounds!

It's only about 12-14 feet up (haven't measured) and the radials get close to the ground (5 feet or so) with the proper 'droop' - but it clearly runs circles around my 200' random wire with tuner - most signals are

2-3 S-Units better on the vertical (some signals though still come in better on the wire, so I have both tuned for where I'm operating in case I need to switch).

Now to build a high-performance (!!) inverted vee for 40-meter QRP work.

Good luck in your project - if I can help in any way, drop me an email.

If you want pix or diagrams of how I built mine, just let me know.

73

Dave WB7AWK

"Steve Reinhardt" <stevereinhardt@noearthspamlink.net> wrote in message news:Zxfkh.18$SF4.17@newsfe03.lga...
> Zommbee wrote:

>>> I just put up a 20 meter monoband today. Been working on it for
>>> a week of nights, and got it in the air when I got off work today early.
>>> I used the 234/f formula and cut it for around 14.100 mHz which
>>> gave a length of 16 feet 7 inches. [snip]
>>
>>
>> Thanks for all the replies. I added about a foot to all 4 radials and
>> now
>> the antenna has an unreadable SWR (1.0+something small) from 14.005
>> to 14.200, where it barely starts to wiggle the needle! I had no idea a
>> mono-band vertical was SO BROAD! Now most medium distance
>> stations (1500 - 2500 miles and up) are easily 2 S-units above my 200'
>> wire. Seems to be working quite well!
>>
>> Thanks for all the assitance
>>
>> Dave WB7AWK
>
> And thank you for doing much of my work for me! I was planning to put up
> such an antenna (20 M ground plane vertical)a few weeks ago. Your post,
> and the replies to it, will allow me to erect and tune mine quite a bit
> faster.
>
> Thanks for the Xmas present!
>
> 73's
>
> Steve
> W1KF

4419. Re: Dual-Polarized Wifi Antennas

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 01:00:45 UTC
From: kevin.pavin@gmail.com
Message-ID: <1167267645.038735.51800@42g2000cwt.googlegroups.com>
Source record: 47493
Cross-posted to: rec.radio.amateur.antenna,alt.internet.wireless

I want seperate feeds, one from each, so individually I will have a
vertical and a horizontal polarized antenna with co-located phase
centers.

Jerry Martes wrote:
> <kevin.pavin@gmail.com> wrote in message
> news:1167238477.373643.102710@h40g2000cwb.googlegroups.com...
> > Hi all,
> >
> > I'm looking to purchase an dual-polarized antenna that operates at
> > 2.4Ghz. In particular its necessary that the phase centers of each of
> > the elements be close to spatially identical. So I guess something
> > like a patch antenna with the elements making an X pattern and
> > centerfed feeds. Any suggestions where to order such an antenna? I've
> > purchased most my antennas from hyperlink but don't carry this sort of
> > antenna. Thanks for any suggestions,
> >
> > Kev
> >
>
> Hi Kev
>
> Do you want circular polarization or will you use switching to *either*
> antenna?
>
> Jerry

4420. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 01:21:06 UTC
From: merlin-7 <merlin-7@sc.rr.com>
Message-ID: <45931c39$0$5261$4c368faf@roadrunner.com>
Source record: 47494
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

My 2 cents on this....
Code has been on it's way out for a long time. With all the new modes it is hard to require code and not the others.
Being a new ham myself, I found the 5wpm easy, to tell the truth 5wpm is harder than 15wpm to me. Sometimes you can go too slow...
One thing that I have a problem with in the general written test is the lack of proper operating procedures. I had no Elmer's for HF so the only way I learned was by listening and making a few embarrassing mistakes that I was corrected on with no lack of teasing. I wont say what was said but lets say there is a wide gap between 2 meters and HF.

BTW I can repair my TS-400s and I run all my rigs off of solar power and battery storage. I am not an idiot but have found that the more I learn about ham radio, the more questions I have.
I just wish that there were more people out there like all of you, that takes the time to help out the newbie's like me. I am a 45 year old newbie.
One more note..I was able to help out the EOC in Gulfport Mississippi, after hurricane Katrina shortly after getting my technicians license. I was down there for work and donated my spare 2m rig. So I guess I am proof that even a newbie can help out when it counts.
Joe
KI4ILB
"robert casey" <wa2ise@ix.netcom.com> wrote in message
news:BxBkh.4307$yx6.793@newsread2.news.pas.earthlink.net...
> Stefan Wolfe wrote:
>
>
> > The demise of the Morse requirement, however, could be a boon for ham
radio
> > itself. After the FCC decision, demand for information
> > about radio licenses surged from about 200 in a typical weekend to about
> > 500, according to the American Radio Relay League, an
> > organization representing ham radio operators.
> > ......
> > "It's part of the dumbing down of America," said Nancy Kott, editor of
World
> > Radio magazine
>
> In the R&O, the FCC observed that there was no connection between morse
> code knowledge and compliance with the rules. The old 14.313 disaster
> was back in the days of 13 WPM and above coded hams. And VHF didn't
> turn into a CB mess since no code technician licenses started. And HF
> didn't get worse with 5WPM generals and extras. So as far as the FCC is

> concerned, they decided that there was no regulatory point in keeping
> element 1 in the tests. And the FCC isn't in the business of handing
> out merit badges. The whole point in requiring license testing is to be
> sure that people are at least aware of the responsibilities involved
> with transmitting RF into the radio spectra, that we do it in such a way
> that doesn't trash the spectrum for other users, ham and others. We
> then get permission to build, modify and so on transmitting equipment if
> we want to. CBers or FRSers are not supposed to do that.
>
> As for newbies, virtually all new hams want to be accepted into our
> world, and will learn and adjust their operating habits as needed to be
> accepted. This has been true since day one, and aside from a few fools
> saying things like "No kids, no lids, and no space cadets" everyone
> knows what it was like to be a newbie.

4421. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 01:37:02 UTC
From: John Smith I <assemblywizard@gmail.com>
Message-ID: <emv71b$p7f$2@aioe.org>
Source record: 47495
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

merlin-7 wrote:
> My 2 cents on this....
> Code has been on it's way out for a long time. With all the new modes it is
> hard to require code and not the others.
> Being a new ham myself, I found the 5wpm easy, to tell the truth 5wpm is
> harder than 15wpm to me. Sometimes you can go too slow...
> ...

First you only hear dit and dahs. Then whole letters. Then whole words ...

Regards,
JS

4422. Re: steve veraion of christmas cheer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 01:44:05 UTC
From: an old friend <kb9rqz@yahoo.com>
Message-ID: <1167270245.413237.144480@h40g2000cwb.googlegroups.com>
Source record: 47496
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

```
Not Cocksucker Lloyd wrote:
> Mark@kb9rqz.aprs wrote:
> > On 26 Dec 2006 09:35:32 -0800, "Andy the Perv Timberlake"

> > becuase you can't even invent your own lies you need someone to do it
> > for you
>
> No, anybody could out-wit you, Markie.
funny how you can't seem to manage woger
```

4423. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 01:47:22 UTC
From: merlin-7 <merlin-7@sc.rr.com>
Message-ID: <45932260$0$5252$4c368faf@roadrunner.com>
Source record: 47497
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

Odd thing that happend in the uk after code was dropped...code useage went
up...
Joe

"Stefan Wolfe" <stefan@eml.com> wrote in message
news:4592a9b6$0$18077$4c368faf@roadrunner.com...
> SAN FRANCISCO: It may be the ultimate SOS.
>
> Morse Code is in distress.
> ......
> ......
> While the decision had been expected, some ham radio operators fear that
> their exclusive club has been opened to the unwashed masses
> - and that the very survival of Morse Code is in question.
> ......
> The demise of the Morse requirement, however, could be a boon for ham
radio
> itself. After the FCC decision, demand for information
> about radio licenses surged from about 200 in a typical weekend to about
> 500, according to the American Radio Relay League, an
> organization representing ham radio operators.
> ......
> "It's part of the dumbing down of America," said Nancy Kott, editor of
World
> Radio magazine and a field representative for the
> Centers for Disease of Control and Prevention in Metamora, Michigan. "We
> live in a society today that wants something for nothing."
>
> A female in a mostly male radio world, Kott is one of about 660,000
licensed
> ham operators in the United States and is the U.S.
> leader of Fists CW Club, an organization that calls itself the
International
> Morse Preservation Society.
>
> ... So true, Ms. Kott...
>
>

4424. Re: Dual-Polarized Wifi Antennas

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 02:03:13 UTC
From: Jeff Liebermann <jeffl@comix.santa-cruz.ca.us>
Message-ID: <4686p2hc5n96png4gjrckjnt08ah115nuf@4ax.com>
Source record: 47498
Cross-posted to: rec.radio.amateur.antenna,alt.internet.wireless

On 27 Dec 2006 08:54:37 -0800, kevin.pavin@gmail.com wrote:
>I'm looking to purchase an dual-polarized antenna that operates at
>2.4Ghz. In particular its necessary that the phase centers of each of
>the elements be close to spatially identical. So I guess something
>like a patch antenna with the elements making an X pattern and
>centerfed feeds. Any suggestions where to order such an antenna? I've
>purchased most my antennas from hyperlink but don't carry this sort of
>antenna. Thanks for any suggestions,

Search for "polarization diversity antenna". You should find some
such as:
<http://www.hyperlinktech.com/web/re11dp.php>
There are plenty of dual polarization and circular polarized antennas,
but most have a single coaxial feed line.

I don't know of anyone doing dual crossed dipoles (or colinears) with
a common phase center. The design of the coax to dipole transition
would be rather messy. Two baluns in close proximity would be
necessary, and they are certain to couple to each other.

The requirement for a common phase center is rather odd. I can only
speculate that you're trying to feed a dish reflector with this
antenna. If this is the case, there are better ways to do diversity
polarization such as a "can" type of feed, with two feeds positioned
90 degrees apart.

Some clue as to what you are trying to accomplish would be helpful.

--
Jeff Liebermann 150 Felker St #D Santa Cruz CA 95060
831-336-2558 jeffl@comix.santa-cruz.ca.us
http://802.11junk.com jeffl@cruzio.com
http://www.LearnByDestroying.com AE6KS

4425. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 02:14:17 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1167272057.533198.178520@a3g2000cwd.googlegroups.com>
Source record: 47499
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

Stefan Wolfe wrote:

QRZ Search Results: There are 0 records matching +Stefan* +Wolfe*

> SAN FRANCISCO: It may be the ultimate SOS.
>
> Morse Code is in distress.
> ......
> ......
> While the decision had been expected, some ham radio operators fear that
> their exclusive club has been opened to the unwashed masses
> - and that the very survival of Morse Code is in question.
> ......
> The demise of the Morse requirement, however,

There has never been any "Morse Requirement." No particular mode is
mandated.

> could be a boon for ham radio
> itself. After the FCC decision, demand for information
> about radio licenses surged from about 200 in a typical weekend to about
> 500, according to the American Radio Relay League, an
> organization representing ham radio operators.
> ......
> "It's part of the dumbing down of America," said Nancy Kott, editor of World
> Radio magazine

I suspect that Nancy is actually that grouchy Sterba, Kurt N.

> and a field representative for the
> Centers for Disease of Control and Prevention in Metamora, Michigan.

I thought the CDC was in Atlanta and World Radio was in 6-land?

> "We live in a society today that wants something for nothing."

The written exams are "nothing?"

> A female in a mostly male radio world, Kott is one of about 660,000 licensed
> ham operators in the United States

Another "first."

> and is the U.S.
> leader of Fists CW Club, an organization that calls itself the International
> Morse Preservation Society.

That would make it "IMPS." I thought it called itself "FISTS."

>
> ... So true, Ms. Kott...

I'm not so easily convinced, Stefan.

4426. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 04:32:13 UTC
From: Mike Coslo <mcoslo@comcast.net>
Message-ID: <Xns98A6EF708503mcoslocomcastnet@216.196.97.136>
Source record: 47500
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

"merlin-7" <merlin-7@sc.rr.com> wrote in
news:45932260$0$5252$4c368faf@roadrunner.com:

> Odd thing that happend in the uk after code was dropped...code useage
> went up...
> Joe
>
> "Stefan Wolfe" <stefan@eml.com> wrote in message
> news:4592a9b6$0$18077$4c368faf@roadrunner.com...
>> SAN FRANCISCO: It may be the ultimate SOS.
>>
>> Morse Code is in distress.
>> ......
>> ......
>> While the decision had been expected, some ham radio operators fear
>> that their exclusive club has been opened to the unwashed masses
>> - and that the very survival of Morse Code is in question.
>> ......
>> The demise of the Morse requirement, however, could be a boon for ham
> radio
>> itself. After the FCC decision, demand for information
>> about radio licenses surged from about 200 in a typical weekend to
>> about 500, according to the American Radio Relay League, an
>> organization representing ham radio operators.
>> ......
>> "It's part of the dumbing down of America," said Nancy Kott, editor
>> of
> World

The whole quote was:

> ?It?s part of the dumbing down of America,? said Nancy Kott, editor of
>World Radio magazine and a field representative for the Centers for
>Disease Control and Prevention in Metamora, Mich. ?We live in a society
>today that wants something for nothing.?

At what point is the potential Ham Dumb and wanting something for
nothing?

Was it when they lowered the requirement to 5 wpm for all license
classes? Speaking of 5wpm, were all Novices dumb and looking for
something for nothing? And were Generals and advanced just dumb enough,
and just looking for something for almost nothing?

I'm just about at the point of thinking that Morse CW use *will*
increase after the test requirement goes away.

I wonder what type of antennas the new dumb hams will use - just to
bring this on topic, since it's crossposted to an rraa.

- 73 de Mike KB3EIA

4427. Re: Code Free "It's part of the dumbing down of America,"

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 04:35:08 UTC
From: Mark@kb9rqz.aprs
Message-ID: <9bi6p25im9v8fvhpg1j2dbmreptafhurdt@4ax.com>
Source record: 47501
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

On Wed, 27 Dec 2006 22:32:13 -0600, Mike Coslo <mcoslo@comcast.net>
wrote:

>"merlin-7" <merlin-7@sc.rr.com> wrote in
>news:45932260$0$5252$4c368faf@roadrunner.com:
>
>> Odd thing that happend in the uk after code was dropped...code useage
>> went up...
>> Joe
>>
>> "Stefan Wolfe" <stefan@eml.com> wrote in message
>> news:4592a9b6$0$18077$4c368faf@roadrunner.com...
>>> SAN FRANCISCO: It may be the ultimate SOS.
>>>
>>> Morse Code is in distress.
>>> ......
>>> ......
>>> While the decision had been expected, some ham radio operators fear
>>> that their exclusive club has been opened to the unwashed masses
>>> - and that the very survival of Morse Code is in question.
>>> ......
>>> The demise of the Morse requirement, however, could be a boon for ham
>> radio
>>> itself. After the FCC decision, demand for information
>>> about radio licenses surged from about 200 in a typical weekend to
>>> about 500, according to the American Radio Relay League, an
>>> organization representing ham radio operators.
>>> ......
>>> "It's part of the dumbing down of America," said Nancy Kott, editor
>>> of
>> World
>
> The whole quote was:
>
>
>
>> ï¿½Itï¿½s part of the dumbing down of America,ï¿½ said Nancy Kott, editor of
>>World Radio magazine and a field representative for the Centers for
>>Disease Control and Prevention in Metamora, Mich. ï¿½We live in a society
>>today that wants something for nothing.ï¿½
>
> At what point is the potential Ham Dumb and wanting something for
>nothing?

noever so far
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4428. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 05:26:29 UTC
From: John Smith I <assemblywizard@gmail.com>
Message-ID: <emvkfojnr1@aioe.org>
Source record: 47502
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

hot-ham-and-cheese@hotmail.com wrote:
> ...
> I thought the CDC was in Atlanta and World Radio was in 6-land?
> ...

hhac:

Implementing logic, I'd venture a guess the CDC has an outreach program in SF. SF has a major segment of the queer population in America, the aids disease is out of hand.

Although aids is insignificant when compared to cancers death toll and there IS a cure for aids, tons of money gets thrown at it while cancer goes wanting.

If I was forced to venture a guess further, I'd almost bet Ms. Kott is a lesbian (that is just a personal opinion and guess!) I am almost always leery of lesbians, too often we end up in competition over the same women, and they get angry if they lose!

And, I'd suspect (I never have checked) the amount of male licensees must out number female licensees 10:1 or better, heck it could be 100:1; If it is as I suspect, Ms. Kott is a lesbian, what better hobby to find if you are into male bashing? (she'd just love to make a bunch of "dumbed down hams" out of the amateur population)

Regards,
JS

4429. Re: Code Free "It's part of the dumbing down of America,"

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 05:51:20 UTC
From: Mark@kb9rqz.aprs
Message-ID: <epm6p2d3jo324d5ucbel3ca5k4fho1bvkc@4ax.com>
Source record: 47503
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

On Wed, 27 Dec 2006 21:26:29 -0800, John Smith I
<assemblywizard@gmail.com> wrote:

>hot-ham-and-cheese@hotmail.com wrote:
>> ...
>> I thought the CDC was in Atlanta and World Radio was in 6-land?
>> ...
>
>
>hhac:
>
>Implementing logic, I'd venture a guess the CDC has an outreach program
>in SF. SF has a major segment of the queer population in America, the
>aids disease is out of hand.

hardly Aids is bigger problem in Africa but none of that is realy
ontopic for RRAP
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4430. Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 10:03:31 UTC
From: Chuck James <c456james@sbcglobal.net>
Message-ID: <TDMkh.7702$yC5.4056@newssvr27.news.prodigy.net>
Source record: 47504

I know I could just go buy a mag-mount mobile antenna, but would it be possible or even practical to build a J-pole type or vertical (without long radials) antenna for 2m/70cm, out of welding rod, which could be small enough to be easily portable and used inside different rooms? Our local RACES is trying to set up a volunteer communications network inside several different city and county offices to assist in emergencies. I have searched (a little) for such a design, and found something similar, made out of TV line, but would prefer something that could be made free standing and as small as practical. The Welding Rod antennas made with 45 degree radials are a little bulky to move through congested hallways. The idea is to make it portable enough to move from room to room as needed. Long radials would impede moving through hallways.
Thanks in advance, KE5GEO

4431. Re: 9 to 1 balun

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 12:06:29 UTC
From: "Dr.Ace" <Ace@WH2T.com>
Message-ID: <d5c4c$4593b339$4fc5b76$4690@DIALUPUSA.NET>
Source record: 47505

"ve2ztt" <ve2ztt2@yahoo.ca> wrote in message
news:1166923317.709265.231810@73g2000cwn.googlegroups.com...
> How do i make a 9 to 1 balun out of a 3/8 ferrite rod (Receiving only)
>
> Gilles VE2ZTT
>

NOTE: With (Matching) Transformers "Baluns" it is the "Ratio" of the Squares
of the Number of Turns that 'defines' the "Ratio" of the Matching
Transformer.

Here are some straight math common examples:

* One to One "1:1" = (1X1) : (1X1) = 1 Turn to 1 Turn

A 3:1 balun would have a Turns Ratio of 1.7320508 Turns to 1 Turn

* Four to One "4:1" = (2X2) : (1X1) = 2 Turns to 1 Turn

* Nine to One "9:1" = (3X3) : (1X1) = 3 Turns to 1 Turn

Nine-to-One (9:1) Balun.
Primary (Antenna) Turns to Secondary (FeedLine) Turns.
21 Turns to 7 Turns

OR
30 Turns to 10 Turns

OR
42 Turns to 14 Turns

First: Use large enough wire for the Primary (Antenna) Windings to
cover 85%-99% of the ferrite rod's area. Or, "Space Evenly" the Primary
Windings 'far enough apart' to cover 85%-99% of the
ferrite rod's area.

Second: Wind the Secondary Windings over the Primary
Windings. Use the same size wire "Spaced Evenly" to wrap
the Secondary Windings to cover 85%-99% of the Toroid's
Area.

How To Make A High Power 4:1 Balun Info

http://www.bloomington.in.us/~wh2t/balun.html

73, Ace - www.WH2T.com

4432. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 13:56:42 UTC
From: jimbo <jimbo62@spamex.com>
Message-ID: <jludnS_3k6SLUA7YnZ2dnUVZ_qzinZ2d@comcast.com>
Source record: 47506

Chuck James wrote:
> I know I could just go buy a mag-mount mobile antenna, but would it be
> possible or even practical to build a J-pole type or vertical (without long
> radials) antenna for 2m/70cm, out of welding rod, which could be small
> enough to be easily portable and used inside different rooms? Our local
> RACES is trying to set up a volunteer communications network inside several
> different city and county offices to assist in emergencies. I have searched
> (a little) for such a design, and found something similar, made out of TV
> line, but would prefer something that could be made free standing and as
> small as practical. The Welding Rod antennas made with 45 degree radials
> are a little bulky to move through congested hallways. The idea is to make
> it portable enough to move from room to room as needed. Long radials would
> impede moving through hallways.
> Thanks in advance, KE5GEO
>
>

There are mny plans available on the Internet for free standing
J-poles made out of 1/2 -3/4 inch copper tubing.

Good luck, jimbo

4433. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 14:39:10 UTC
From: Bob Miller <NOSPAM@neosoft.com>
Message-ID: <2jl7p2hn91q562tthi9qc6vcekl791k9su@4ax.com>
Source record: 47507

On Thu, 28 Dec 2006 10:03:31 GMT, "Chuck James"
<c456james@sbcglobal.net> wrote:

>I know I could just go buy a mag-mount mobile antenna, but would it be
>possible or even practical to build a J-pole type or vertical (without long
>radials) antenna for 2m/70cm, out of welding rod, which could be small
>enough to be easily portable and used inside different rooms? Our local
>RACES is trying to set up a volunteer communications network inside several
>different city and county offices to assist in emergencies. I have searched
>(a little) for such a design, and found something similar, made out of TV
>line, but would prefer something that could be made free standing and as
>small as practical. The Welding Rod antennas made with 45 degree radials
>are a little bulky to move through congested hallways. The idea is to make
>it portable enough to move from room to room as needed. Long radials would
>impede moving through hallways.
>Thanks in advance, KE5GEO
>

You might get some design ideas looking at the j-poles at
http://www.arrowantennas.com/

I personally have a j-pole made from a small length of 450-ohm line,
which could be made self-supporting with a wood dowel and stand.

Lotta ways to do this...

bob
k5qwg

4434. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 15:00:14 UTC
From: Catguy <FURBALL@hotmail.com>
Message-ID: <ulm7p2pnreut9k8tfaubboj84ulndhbu1u@4ax.com>
Source record: 47508
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

John Smith I <assemblywizard@gmail.com> wrote:

>hot-ham-and-cheese@hotmail.com wrote:
>> ...
>> I thought the CDC was in Atlanta and World Radio was in 6-land?
>> ...
>
>
>hhac:
>
>Implementing logic, I'd venture a guess the CDC has an outreach program
>in SF. SF has a major segment of the queer population in America, the
>aids disease is out of hand.
>
>Although aids is insignificant when compared to cancers death toll and
>there IS a cure for aids, tons of money gets thrown at it while cancer
>goes wanting.
>
>If I was forced to venture a guess further, I'd almost bet Ms. Kott is a
>lesbian (that is just a personal opinion and guess!) I am almost always
>leery of lesbians, too often we end up in competition over the same
>women, and they get angry if they lose!
>
>And, I'd suspect (I never have checked) the amount of male licensees
>must out number female licensees 10:1 or better, heck it could be 100:1;
>If it is as I suspect, Ms. Kott is a lesbian, what better hobby to find
>if you are into male bashing? (she'd just love to make a bunch of
>"dumbed down hams" out of the amateur population)
>
>Regards,
>JS

With all of the "dumb and dumber" crap that gets posted here, this
pretty tops even Markie. You sir, are a complete asshole.

What happened did you have a female boss who gave you a deserved bad
rap and you never got oaver it ?

Thumper (Ham for 40 years and AE for 35 of those)

PS you Post your call and I'll post mine, dumb ass

4435. Re: Code Free "It's part of the dumbing down of America,"

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 15:27:29 UTC
From: Mark@kb9rqz.aprs
Message-ID: <tho7p2hjltj383dlok3k60okldifm7bcjn@4ax.com>
Source record: 47509
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

On Thu, 28 Dec 2006 09:00:14 -0600, Catguy <FURBALL@hotmail.com>
wrote:

>John Smith I <assemblywizard@gmail.com> wrote:
>
>>hot-ham-and-cheese@hotmail.com wrote:

>Thumper (Ham for 40 years and AE for 35 of those)
>
>PS you Post your call and I'll post mine, dumb ass
kb9rqz
and you sir?
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4436. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 16:50:06 UTC
From: Win <w0lz@winlyn.us>
Message-ID: <mdt7p2th0ji7jmtg7qttsniv5v8lsnngbh@4ax.com>
Source record: 47510

John, you are a real piece of shit. Are you reallly a Han?

Win, W0LZ

4437. Re: [Off Topic] QRA? QCX?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 17:11:18 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <hku7p2t861dnaflsqcc23tr64rdggrchq4@4ax.com>
Source record: 47511

Please folks, do not reply to these posts which have nothing to do
with the purpose of this newsgroup.

If these people never get any replies, they will eventually learn to
post to the correct newsgroup.

Thanks,

Bill, W6WRT

4438. Distance between antennas

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 17:16:06 UTC
From: powerwashguy@aol.com
Message-ID: <1167326166.949239.141260@79g2000cws.googlegroups.com>
Source record: 47512

I know this has been discussed a bit in this NG. There is a surprisingly small amount of information in my antenna books regarding the spacing of HF antennas. I currently have a full wave 40 meter vertical loop and much to my pleasure it works great. It's built exactly the way one of the ARRL antenna books describes it.

I would also like to set up two 80 meter inverted V's in a HUGE pine tree about 100' from the loop. The two V's are for greater directional coverage and will have their own coax feed lines. I have a pretty good antenna tuner so I may have to run the inverted V multi-band if space is a problem. I also have a 10 meter rigid dipole that I would like to hang vertical. Finally, the "antenna farm" will include a fan dipole for 15 and 20 meters.

I haven't been able to find any firm rules regarding the spacing of the antennas. I assume a full wave length will be enough. Unfortunately, there may not be enough space for that.

Are there any "rules of thumb" I can follow for adequate antenna spacing? There will never be more than one antenna in use at a time with perhaps one exception of an additional receive only antenna for the shortwave. I'll be getting my General class next month and am chomping at the bit to get this stuff up! :-)

Thanks!

4439. Re: A moment of silence my friends for a silent key.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 17:20:45 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <btu7p2p382261d68p90qh0uaqfu40pec8t@4ax.com>
Source record: 47513
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

ORIGINAL MESSAGE:

On Wed, 27 Dec 2006 10:22:55 -0600, "JIM"
<jslaird@goldfieldaccess.net> wrote:

>I'll Bet there are a lot of old timer's just shaking in there Graves
>at the way you have been presenting the hobby that they helped to grow.

------------ REPLY FOLLOWS ------------

I'll bet there are even more newsgroup users who are tired of people
posting messages that have nothing to do with the topic of the
newsgroup.

I'll spell it out for you: The three newsgroups you have posted to
have nothing to do with a "moment of silence". There is newsgroup
which is a catch-all for amateur radio related items:
rec.radio.amateur.misc.

Now that you know, I trust you will post correctly in the future.

Bill, W6WRT

4440. Re: QSL Cards

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 17:24:44 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <oav7p2hd5apsmd9om291i3k08orrg3ck2l@4ax.com>
Source record: 47514

Please folks, do not reply to these posts which have nothing to do
with the purpose of this newsgroup.

If these clueless bozos never get any replies, they will eventually
learn to post to the correct newsgroup.

Thanks,

Bill, W6WRT

4441. Re: QSL Cards

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 17:57:56 UTC
From: Win <w0lz@winlyn.us>
Message-ID: <g418p2d8arbfqsi6ss50ghmdivdjb809gn@4ax.com>
Source record: 47515

Billo, you are worried about this guy. At least he has something to say. If I were you, I woud diirest my gripe at those guys posting the OT CW BS and just chatting, nut to nut, on this NG.

Win, W0LZ

4442. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 18:53:27 UTC
From: John Smith I <assemblywizard@gmail.com>
Message-ID: <en13orpgh2@aioe.org>
Source record: 47516

Chuck James wrote:
> ...
>

Why not just through together a 1/2~ monopole with a simple gamma match
and 1:1 current balun?

Regards,
JS

4443. Re: [Off Topic] QRA? QCX?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 19:36:05 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <dJudnVWoR4E4gQnYnZ2dnUVZ_vninZ2d@bright.net>
Source record: 47517

Jeez, go BUILD something or put up a new antenna would you?

Bill Turner wrote:

> Please folks, do not reply to these posts which have nothing to do
> with the purpose of this newsgroup.
>
> If these people never get any replies, they will eventually learn to
> post to the correct newsgroup.
>
> Thanks,
>
> Bill, W6WRT

4444. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 20:35:28 UTC
From: charlie <wehatespam@wymsey.co.uk>
Message-ID: <d_-dnTUh3OcPtwnYnZ2dnUVZ8qaqnZ2d@pipex.net>
Source record: 47518

merlin-7 wrote:
> Odd thing that happend in the uk after code was dropped...code useage went
> up...
> Joe
>

That may well be true but if you go over to uk.radio.amateur you might be forgiven for thinking that the sky is about to fall in. There a small number of individuals who are hostile and dismissive of newcomers but I recall similar behaviour 40 years ago.

This whole code thing has me snoring - I took my RAE in 1964, lost interest in the hobby but spent 25 years in electronics. At no time did I ever want to receive or send Morse code. Coming back to the hobby after 40 years I enjoy making gear and experimenting with antennas as well as winkling out dx.

I have to say that I will not be complaining because I can have a full license sans Morse code and it will not make or break me as an operator. What will make me a good operator is that I understand where and how I should be operating, that I understand my equipment and it's limitations and that I respect others users of the amateur bands. Plus, I am willing to listen and learn :)

Charlie.

--
www.wymsey.co.uk

4445. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 20:53:24 UTC
From: charlie <wehatespam@wymsey.co.uk>
Message-ID: <PI6dnYkKgJJYswnYnZ2dnUVZ8sa3nZ2d@pipex.net>
Source record: 47519

John Smith I wrote:
<SNIP>
>
> If I was forced to venture a guess further, I'd almost bet Ms. Kott is a
> lesbian (that is just a personal opinion and guess!) I am almost always
> leery of lesbians, too often we end up in competition over the same
> women, and they get angry if they lose!
>
> And, I'd suspect (I never have checked) the amount of male licensees
> must out number female licensees 10:1 or better, heck it could be 100:1;
> If it is as I suspect, Ms. Kott is a lesbian, what better hobby to find
> if you are into male bashing? (she'd just love to make a bunch of
> "dumbed down hams" out of the amateur population)
>
> Regards,
> JS

Maybe you should stick to antennas Mr Smith what with you fancying
gay women and your nasty remarks about aids suffers. And let's not
forget your misogyny.

Your antennas don't appear to be at all sensitive and could do with
some tuning!

<PLONK>

Charlie.

--
www.wymsey.co.uk

4446. Re: Go ahead and cry, we understand Slow Code :(

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 20:59:40 UTC
From: charlie <wehatespam@wymsey.co.uk>
Message-ID: <Opadnci11fejrQnYRVnytAA@pipex.net>
Source record: 47520

Stefan Wolfe wrote:
<SNIP>
> Thank you for your patronizing comment about the USA finally
> doing the right thing by ending morse code. May I return your
> sentiment by observing that I am "glad" that South Africa finally
> did the right thing when you recently ended Apartheid (about 250
> years after the US ended slavery).
>
>
Your comparison is totally stupid and most certainly hypocritical
when one looks at the lot of most non-white races in the USA. Not
that it's a lot better in the UK but then I'm not making stupid
comparisons.

<PLONK>

--
www.wymsey.co.uk

4447. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 21:06:21 UTC
From: John Smith I <assemblywizard@gmail.com>
Message-ID: <en1bi0$c45$3@aioe.org>
Source record: 47521
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

Catguy wrote:
> ...

Idiot. Command your children, I speak as I dern will please.

As to your call, store it where the sun doesn't shine.

Now, have a nice day :)

JS

4448. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 21:09:42 UTC
From: John Smith I <assemblywizard@gmail.com>
Message-ID: <en1bo9$c45$4@aioe.org>
Source record: 47522

Win wrote:
> John, you are a real piece of shit. Are you reallly a Han?
>
> Win, W0LZ

You sir are a piece of chit for even attempting to intimidate me in my exercise of free speech!

My speech (actually text here) stands on its own, it needs no license, no degree, no personality to shore it up--if you disagree, have an opposing opinion or are offended by it--that IS your right.

However, all your rights END when they would even begin to limit me of mine!

Good day sir,
JS

4449. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 21:10:47 UTC
From: John Smith I <assemblywizard@gmail.com>
Message-ID: <en1bqa$c45$5@aioe.org>
Source record: 47523

charlie wrote:
> ...

Do as you please ...

Just don't attempt to limit me from doing the same.

JS

4450. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 21:24:43 UTC
From: charlie <wehatespam@wymsey.co.uk>
Message-ID: <f_mdnS29kMWAqwnYnZ2dnUVZ8tSdnZ2d@pipex.net>
Source record: 47524

John Smith I wrote:
<SNIP>
>
> Implementing logic, I'd venture a guess the CDC has an outreach program
> in SF. SF has a major segment of the queer population in America, the
> aids disease is out of hand.
>
<SNIP>

Just to put you venturing into perspective, if you had read the
article in question you would hardly have failed to note that the
lady in question works for an organisation in Michigan:

""It's part of the dumbing down of America," said Nancy Kott, editor
of World Radio magazine and a field representative for the Centers
for Disease of Control and Prevention in Metamora, Michigan."

--
www.wymsey.co.uk

4451. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 21:45:13 UTC
From: John Smith I <assemblywizard@gmail.com>
Message-ID: <en1dqr$c45$6@aioe.org>
Source record: 47525

charlie wrote:
> ...
> Just to put you venturing into perspective, if you had read the
> article in question you would hardly have failed to note that the
> lady in question works for an organisation in Michigan:
>

I can only figure, at this point, with this post of yours, you are claim
no queers live in Michigan. Well sir, it IS my opinion they do ...

JS

4452. How to measure RF Ground improvements - mobile

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 21:46:34 UTC
From: k1drw <k1drw@comcast.net>
Message-ID: <1167342394.028998.214750@48g2000cwx.googlegroups.com>
Source record: 47376

Can someone please provide guidance for this issue:

RE: a snippet from the SGC website:
"One of the great misunderstandings in checking grounds is
that just because you measure continuity with a VOM, that you will have
a good RF ground. You MAY have a good RF ground, but a DC measurement
doesn't prove it. Remember, if you measure the resistance across an
inductor, it will show zero DC resistance to ground even though it's
impedance at HF frequencies may be quite high. Continuity is a good
check, but it does not certify your RF ground system."

I would like to understand how/what to definitively measure before and
after I make improvements to my mobile HF system (additional
bonding/grounding). What metric will provide clear indication that I
have indeed made an improvement. I do have an MFJ-259 available. I
have been exclusively looking at the SWR for indication but I am
starting to learn that lowering the SWR is not necessarily an
improvement. Is it to simply to measure the mobile vertical feedpoint
impedance before and after ?

73, dennis, k1drw

4453. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 21:58:19 UTC
From: Dave <noone@nowhere.com>
Message-ID: <I42dndOJOIedownYnZ2dnUVZ_rCsnZ2d@crocker.com>
Source record: 47377

"art" <aunwin@insightbb.com> wrote in message
news:1167326248.875521.198260@42g2000cwt.googlegroups.com...
> David,
>
> You have done a lot of talking but no walking. You have never said or
> showed why my concept must be wrong, just possible this or possible
> that. With all your books that you have does it say anywhere that
> static equations cannot be used for electromagnetic problems?

yes, all of them.

> Have you a book that says you cannot add curl to a Gaussian field ?

you may add whatever you want, but it doesn't make physical sense assuming
your 'Gaussian' field is actually the 'Electric'.

> I challenge
> you to find such a quote anywhere. You have never supplied anything
> that supports your views used to disparaged mine not one. Now David are
> you familiar with the NEC format antenna programs or familiar with
> matlab?

yes, i am the writter of a modeling program for lightning on high voltage
power lines that uses similar techniques to NEC and other large finite
element programs. And i am intimitately familiar with modeling systems in
matlab, simulink, and easy5. none of them will give you the answer you want
if you use them properly. use any of them improperly as you have been and
you can get any answer you want, even ones that aren't physically
realizable.

> I think that these are sufficiently disimmilar to show that if
> they arrive at the same conclusion it is not a fluke. Do you own any
> computor program of any sort?

i have AO and YO here, which are adequate for modeling amateur antennas. i
have used nec2, emtp, matlab, simulink, easy5, ansoft's 2d and 3d
eletrostatic and dynamic field analysis modules, written software for GE,
LM, GD, Chrysler, several US Navy projects, and EPRI. and am presently
gainfully employed working on a very large modeling project.

> Frankly I have the idea that you don't
> own one and have never played with one but then you may have one tucked
> away that you never use. What program were you capable of using, that
> you can now use even tho you are of advanced age?

pick one, but they are only as good as the input they are given.

> I am willing to give you the opportunity of doing just a little walk to
> prove your personal abilities. I can give you a dimensioned array that
> proves my concept and no matter what program you use you are welcome to

no, you can't.

> insert my array and thus shoot me to pieces and enhance your own statue
> within the group. Your chance to show off your superiority with respect
> to electromechanics, A simple way that affords you the chance to blow
> your trumpet where it can really can be heard and appreciated.
> So which way do you want to go,show a quotation that denies the
> possibility of my concept or simply apply a dimensional drawing to any
> program of you choice?
> I really wanted to wait for a person to come along that I could trust
> because of prior knoweledge, but I am getting tired of these assaults
> that have no grounding so I give up and will submit.
> I talked the talk and I walked the walk, in response you have only
> talked and for what reason?
>
> YOU HAVE WON,
> I AM WILLING TO PROVIDE YOU AN ARRAY THAT DEMONSTRATES
> MY ASSERTIONS AND WHERE USING ANY MEANS THAT YOU WISH YOU CAN
> PUSH ME BACK TO THE STONE AGES AND STOP THIS NONSENSE

then build it and have it tested. that is better than any modeling that you
can do with existing programs, because none of them are going to prove your
concept... it just isn't physically realizable. i pointed that out on the
first example you gave and you never did seem to grasp the problem, go by
all means go back to the stone age, apply some heat to metal and build your
magic array.

>
> SHOW EVERYBODY WHAT YOU ARE REALLY MADE OF
> WHAT IS REALLY BEHIND THAT FACELESS MASK?

its only faceless to those who don't want to gaze upon it and understand.

4454. Re: How to measure RF Ground improvements - mobile

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 22:02:43 UTC
From: chuck <nospam@nospam.org>
Message-ID: <1167343431_515@sp6iad.superfeed.net>
Source record: 47378

k1drw wrote:
> Can someone please provide guidance for this issue:
>
> RE: a snippet from the SGC website:
> "One of the great misunderstandings in checking grounds is
> that just because you measure continuity with a VOM, that you will have
> a good RF ground. You MAY have a good RF ground, but a DC measurement
> doesn't prove it. Remember, if you measure the resistance across an
> inductor, it will show zero DC resistance to ground even though it's
> impedance at HF frequencies may be quite high. Continuity is a good
> check, but it does not certify your RF ground system."
>
> I would like to understand how/what to definitively measure before and
> after I make improvements to my mobile HF system (additional
> bonding/grounding). What metric will provide clear indication that I
> have indeed made an improvement. I do have an MFJ-259 available. I
> have been exclusively looking at the SWR for indication but I am
> starting to learn that lowering the SWR is not necessarily an
> improvement. Is it to simply to measure the mobile vertical feedpoint
> impedance before and after ?
>
> 73, dennis, k1drw
>

Hi Dennis,

Have you thought about field strength measurements?

Cecil, where are you?

Chuck

-----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

4455. Re: How to measure RF Ground improvements - mobile

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 22:05:10 UTC
From: Roy Lewallen <w7el@eznec.com>
Message-ID: <12p8fso4pgec8dc@corp.supernews.com>
Source record: 47379

Measure the feedpoint impedance with your MFJ. The resistance part of the measurement is the total of the radiation and loss resistance. A lower value of R means you've reduced the loss resistance by the amount of the decrease.

Roy Lewallen, W7EL

k1drw wrote:
> Can someone please provide guidance for this issue:
>
> RE: a snippet from the SGC website:
> "One of the great misunderstandings in checking grounds is
> that just because you measure continuity with a VOM, that you will have
> a good RF ground. You MAY have a good RF ground, but a DC measurement
> doesn't prove it. Remember, if you measure the resistance across an
> inductor, it will show zero DC resistance to ground even though it's
> impedance at HF frequencies may be quite high. Continuity is a good
> check, but it does not certify your RF ground system."
>
> I would like to understand how/what to definitively measure before and
> after I make improvements to my mobile HF system (additional
> bonding/grounding). What metric will provide clear indication that I
> have indeed made an improvement. I do have an MFJ-259 available. I
> have been exclusively looking at the SWR for indication but I am
> starting to learn that lowering the SWR is not necessarily an
> improvement. Is it to simply to measure the mobile vertical feedpoint
> impedance before and after ?
>
> 73, dennis, k1drw
>

4456. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 23:09:04 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <79j8p25jpevotab2gfhqukluo08utt90nl@4ax.com>
Source record: 47380

On Thu, 28 Dec 2006 21:58:19 -0000, "Dave" <noone@nowhere.com> wrote:

>>I can give you a dimensioned array that
>> proves my concept and no matter what program you use you are welcome to
>
>no, you can't.

Hi Dave,

Now this will descend into parsing. To short cut that:
>>I can give you a dimensioned array
He's done that
>>that proves my concept and no matter what program you use
and has abandoned that (Art hasn't even proven it using whatever
program he uses).

What has been provided - 5 wires scattered in the air - have proven to
have been poorly documented vis-a-vis reportedly 50 Ohms non-reactive
when each and every wire has very little resistance and a huge
reactance. Also reporting gain (unsubstantiated) that in the face of
discarding 4 of those wires, that reported gain is trounced by the
gain of the one remaining wire (this must be extremely humiliating,
and why we rarely encounter any factual details from Art).

73's
Richard Clark, KB7QHC

4457. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 23:31:20 UTC
From: Dave <noone@nowhere.com>
Message-ID: <_LGdnQZrDcZRzgnYnZ2dnUVZ_sC3nZ2d@crocker.com>
Source record: 47381

"art" <aunwin@insightbb.com> wrote in message
news:1167348449.623944.224040@s34g2000cwa.googlegroups.com...
> I suppose I could say to
> David to put up or shut up

thats what i said to you. put up or shut up, but since i know you can't,
there is no use continuing.

4458. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 23:45:14 UTC
From: Mike Lucas <w5chr@bellsouth.net>
Message-ID: <6GYkh.15778$cB6.14284@bignews7.bellsouth.net>
Source record: 47382

"art" <aunwin@insightbb.com> wrote in message
news:1167348449.623944.224040@s34g2000cwa.googlegroups.com...

Massive snip of pseudo-bafflegab

>> > insert my array and thus shoot me to pieces and enhance your own statue
>> > within the group. Your chance to show off your superiority with respect
>> > to electromechanics, A simple way that affords you the chance to blow
>> > your trumpet where it can really can be heard and appreciated.
>> > So which way do you want to go,show a quotation that denies the
>> > possibility of my concept or simply apply a dimensional drawing to any
>> > program of you choice?
>> > I really wanted to wait for a person to come along that I could trust
>> > because of prior knoweledge, but I am getting tired of these assaults
>> > that have no grounding so I give up and will submit.
>> > I talked the talk and I walked the walk, in response you have only
>> > talked and for what reason?

Further snip of rant

Art: The stuff you're putting in the holiday eggnog doesn't seem to be
helping,
rather, you are blithering louder and longer. Please look after yourself, as
many of us lurkers
find this thread of considerable entertainment value.

Mike W5CHR

4459. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-28 23:50:12 UTC
From: Dave <noone@nowhere.com>
Message-ID: <uq2dnaDOx5-IxQnYnZ2dnUVZ_uS3nZ2d@crocker.com>
Source record: 47383

"Mike Lucas" <w5chr@bellsouth.net> wrote in message
news:6GYkh.15778$cB6.14284@bignews7.bellsouth.net...
>
> "art" <aunwin@insightbb.com> wrote in message
> news:1167348449.623944.224040@s34g2000cwa.googlegroups.com...
>
> Massive snip of pseudo-bafflegab
>
>>> > insert my array and thus shoot me to pieces and enhance your own
>>> > statue
>>> > within the group. Your chance to show off your superiority with
>>> > respect
>>> > to electromechanics, A simple way that affords you the chance to blow
>>> > your trumpet where it can really can be heard and appreciated.
>>> > So which way do you want to go,show a quotation that denies the
>>> > possibility of my concept or simply apply a dimensional drawing to any
>>> > program of you choice?
>>> > I really wanted to wait for a person to come along that I could trust
>>> > because of prior knoweledge, but I am getting tired of these assaults
>>> > that have no grounding so I give up and will submit.
>>> > I talked the talk and I walked the walk, in response you have only
>>> > talked and for what reason?
>
> Further snip of rant
>
> Art: The stuff you're putting in the holiday eggnog doesn't seem to be
> helping,
> rather, you are blithering louder and longer. Please look after yourself,
> as many of us lurkers
> find this thread of considerable entertainment value.
>
> Mike W5CHR

then you better get in here and contribute, I've got better things to do
this weekend than argue with a lost cause. he's not even that much fun, its
deteriorating into personal attacks instead of trying to explain his
erroneous theories.

4460. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 00:22:57 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1167351777.428195.185510@73g2000cwn.googlegroups.com>
Source record: 47384

Glad there are some lurkers out there to see this charade

Art

Mike Lucas wrote:
> "art" <aunwin@insightbb.com> wrote in message
> news:1167348449.623944.224040@s34g2000cwa.googlegroups.com...
>
> Massive snip of pseudo-bafflegab
>
> >> > insert my array and thus shoot me to pieces and enhance your own statue
> >> > within the group. Your chance to show off your superiority with respect
> >> > to electromechanics, A simple way that affords you the chance to blow
> >> > your trumpet where it can really can be heard and appreciated.
> >> > So which way do you want to go,show a quotation that denies the
> >> > possibility of my concept or simply apply a dimensional drawing to any
> >> > program of you choice?
> >> > I really wanted to wait for a person to come along that I could trust
> >> > because of prior knoweledge, but I am getting tired of these assaults
> >> > that have no grounding so I give up and will submit.
> >> > I talked the talk and I walked the walk, in response you have only
> >> > talked and for what reason?
>
> Further snip of rant
>
> Art: The stuff you're putting in the holiday eggnog doesn't seem to be
> helping,
> rather, you are blithering louder and longer. Please look after yourself, as
> many of us lurkers
> find this thread of considerable entertainment value.
>
> Mike W5CHR

4461. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 00:55:02 UTC
From: jimp@specsol.spam.sux.com
Message-ID: <635e64-jt7.ln1@mail.specsol.com>
Source record: 47385

art <aunwin@insightbb.com> wrote:
> Glad there are some lurkers out there to see this charade

> Art

Which part?

The part where you top post, the part where you never snip the old
junk, or the part where you don't believe in paragraphs which makes
your stuff a royal pain in the ass to read?

<snip old stuff>

--
Jim Pennino

Remove .spam.sux to reply.

4462. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 01:45:30 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <3dr8p2hn81fe7fej4jd2b0rvp3refsv14b@4ax.com>
Source record: 47386

On 28 Dec 2006 15:27:29 -0800, "art" <aunwin@insightbb.com> wrote:

>Richard
>Richard
>Richard and
>Richard

Hi Art,

And I thought only Gauss could claim your heart.

If you can't write about your 5 wires in the air, let's analyze your purple prose which has all the style of a crucifixion in a burlesque passion play.

You choose.

73's
Richard Clark, KB7QHC

4463. Re: [Off Topic] QRA? QCX?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 01:52:21 UTC
From: Mike Coslo <mcoslo@comcast.net>
Message-ID: <Xns98A7D456855A3mcoslocomcastnet@216.196.97.136>
Source record: 47387

Scott <acepilot@bloomer.net> wrote in
news:dJudnVWoR4E4gQnYnZ2dnUVZ_vninZ2d@bright.net:

> Jeez, go BUILD something or put up a new antenna would you?

Please, Scott, Don't reply to Bill's endless replies to the people who have nothing to do with the purpose of this newsgroup. That way I don't have to see his posts. ;^)

Bill has undertaken a Quixotic effort to clean up the newsgroups. Every time one of these jokers posts something off topic, he sends off that message. He does the same in other groups.

Unfortunately, he didn't pay attention to the part in history class where they warn you to not become like your enemy, for he is now right up there with the worst of them.

But I do share your sentiment, Scott.

Seriously Bill, if you are reading this, I have to wonder what it is like to become the same thing as what you are fighting against....

- 73 de Mike KB3EIA -

> Bill Turner wrote:
>
>> Please folks, do not reply to these posts which have nothing to do
>> with the purpose of this newsgroup.
>>
>> If these people never get any replies, they will eventually learn to
>> post to the correct newsgroup.
>>
>> Thanks,
>>
>> Bill, W6WRT
>

4464. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 02:04:08 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1167357848.397679.16000@48g2000cwx.googlegroups.com>
Source record: 47388
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

hot-ham-and-cheese@hotmail.com wrote:
> Stefan Wolfe wrote:
>
> QRZ Search Results: There are 0 records matching +Stefan* +Wolfe*

I guess no one cares that Stefan come on here bitchin and moaning and
crying about the "dumbing down" of USA amateur radio, and he has no
apparent license.

How easily everyone gets fooled by these trolls.

> > SAN FRANCISCO: It may be the ultimate SOS.
> >
> > Morse Code is in distress.
> > ......
> > ......
> > While the decision had been expected, some ham radio operators fear that
> > their exclusive club has been opened to the unwashed masses
> > - and that the very survival of Morse Code is in question.
> > ......
> > The demise of the Morse requirement, however,
>
> There has never been any "Morse Requirement." No particular mode is
> mandated.

That's right. And there's no requirement to get on the air once you do
have a license.

> > could be a boon for ham radio
> > itself. After the FCC decision, demand for information
> > about radio licenses surged from about 200 in a typical weekend to about
> > 500, according to the American Radio Relay League, an
> > organization representing ham radio operators.
> > ......
> > "It's part of the dumbing down of America," said Nancy Kott, editor of World
> > Radio magazine
>
> I suspect that Nancy is actually that grouchy Sterba, Kurt N.

I dunno. Kurt might be anybody.

> > and a field representative for the
> > Centers for Disease of Control and Prevention in Metamora, Michigan.
>
> I thought the CDC was in Atlanta and World Radio was in 6-land?

You're right.

> > "We live in a society today that wants something for nothing."
>
> The written exams are "nothing?"

That's exactly right. That's why it was so important to keep the Morse
Code exam, because the written exams are nothing.

> > A female in a mostly male radio world, Kott is one of about 660,000 licensed
> > ham operators in the United States
>
> Another "first."

Well, I dunno.

> > and is the U.S.
> > leader of Fists CW Club, an organization that calls itself the International
> > Morse Preservation Society.
>
> That would make it "IMPS." I thought it called itself "FISTS."

I guess no one wants to be called an "Imps."

> > ... So true, Ms. Kott...
>
> I'm not so easily convinced, Stefan.

Maybe Stefan has some other words of wisdom?

4465. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 02:50:31 UTC
From: nm5k@wt.net
Message-ID: <1167360630.987956.21460@79g2000cws.googlegroups.com>
Source record: 47389

art wrote:
> Glad there are some lurkers out there to see this charade
>
> Art

How can we miss it with the multi-postings? But in order for *you*
to see the charade, I'm afraid a mirror will be needed.
You piss and whine because no one can understand the silly
jibber jabber you throw out...
You piss and whine because no one will try to do or repeat work *you*
should be doing, or already have done.
The solution to your problem is actually very simple, and Dave has
already
given it to you. Build the dang thing and see if it works as you say
on an antenna range.
If it works as you say, *maybe* someone will see a use in it.
If they do, *maybe* you can sell it. Simple. You don't even have to be
born in England to fiqure that one out. A dumbass redneck Texan
like I can see that simple solution in a half second.
If you build it, and it works, maybe they will come.
If you build it and it doesn't work, probably they won't.
To foist among the public a "miracle whip" which you haven't even
taken time to test in the real world is the ultimate charade.
I can make a puter modeling program spit out nearly anything I want
if I caress it in a favorable manner. I imagine others can too. Ask
Cecil about his dipoles that show in excess of 20 dbi.. Sure the
"supergain" can be there *if* you can get power to the antenna with
that super low feedpoint Z. Good luck in the contest trying to achieve
this
task. I bet I could keep up with you using a regular coax fed dipole
and
5 watts power.
You seem to require our permission for you to tinker with this new
miracle whip array. Well, you have my official permission to knock
yourself out.
BTW, why is it that you can't make post without whining about Roy,
Richard, Dave, etc, etc.
I was building a new fangled miracle whip, and they told me it wouldn't

work as planned, I'd tend to listen to them myself. If I had trouble
believing
them, I would build a real antenna instead of arguing about it on
usenet.
If your theory? is correct, it should work as planned. If not.. Well...
Time to conjur up a new miracle whip.

Lurk mode off, and back to those silly boat wrecking rednecks in
Deliverence..
MK

4466. Re: cut out the Bullshit or turn in your license and imporve the service SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 02:57:33 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1167361053.909725.206720@k21g2000cwa.googlegroups.com>
Source record: 47390
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy

You have to hand it to him! He did a good job declaring his views
ragarding ham radio
ande he may be right. Ham radio is shurely on the downslide and we
can't blaim that on the FCC. We have the internet now that welcomes
everybody so it wouldn't hurt us if the FCC gave somebody else the
frequencies. We talk of public service well looking at this newsgroups
work it would be better for the whole world if America got off the
bands because we are not liked anymore and this newsgroup does not do
service to America other than showing who we really are.
Art

Christopher Cox wrote:
> Mark@kb9rqz.aprs wrote:
> > On Fri, 15 Dec 2006 22:31:31 -0600, "Vince Fiscus, KB7ADL"
> > <radiation17@bresnan.net> wrote:
> >
> >
> > >>Ham radio died today.
> > >>
> > >>Sorry for all the brow beating, it won't be happening anymore.
> > >>
> > >>73 de KB7ADL, AKA Slow Code
> > >
> > >
> > > bullshit
> > > http://kb9rqz.blogspot.com/
> > >
> >
> > I am actually surprised to find out it was/is Vince. He's an O.K. guy,
> > puts in volunteer time and is very knowledgeable. While I firmly believe
> > this alter personality detracted from Amateur radio (Slow Code), Vince
> > has done other things to advance it.
> >
> > Although I know Vince is very pro Morse code, I am having trouble
> > believing it was him (being Mr. Slow Code)
> >
> > If it was/is him, turning in his license would only be a detriment to
> > the community IMHO.
> >
> > Chris KC8FRJ

4467. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 03:11:13 UTC
From: nm5k@wt.net
Message-ID: <1167361873.871777.116300@a3g2000cwd.googlegroups.com>
Source record: 47391

art wrote:
> Welcome, bring your friends, let them see for themselves what ham radio
> is all about.
> The more the merrier. Richard and Roy have flogged this newsgroup for
> more than a decade and got rid of many a good ham so only are a few
> left but I am not going anywhere. I want as many people as I possibly
> can to see where I called their bluff and they ran away.
>
> Here we are a ham radio newsgroup doing what we should be doing,
> pulling people down scratching peoples eyes out anything to get an
> augument going this is what Richard and Roy have been doing for years
> and there are always suckers who will follow them.
> And now the code went up in flames and a few more disatisfied hams will
> get the ball rolling on another lengthy augument. If you really want to
> do something for ham radio tell your friends to come and have a look
> see as we are becoming quite a diverse group here and they all will
> probably fit in quite well. And yes point out how I was hammered by the
> so called experts on antennas and when I called their bluff they ran
> away Dave was his name egged on by Richard who is.. well I wont go
> into that,,, reading this will provide a good lesson for a lot of
> newbies in than when you are given advise by people postering as
> experts alway but always get a second or third opinion otherwise you
> may run into somebody like I did. Please, please call your friends so
> they can see what ham radio is all about, the more the merrier, their
> are a lot of people here willing to give advice and they aren't shy. Oh
> and by the way we follow the army thinking on this newsgroup meaning
> don't ask,don't tell so you will never know the person you are getting
> close to,don't say I didn't warn you.
> Art

Woe is Art. Yes, it is true. We have bludgened poor ole Art into
obvious
submission. Beaten down, bloody, but not whipped yet!!!, sayeth Art.
Isn't flogging the practice of using those tassled whips against ones
own
body, or am I thinking of something else. I may be confused, cuz I R A
redneck. If I'm thinking of the correct term and practice, then this
would fit well.
Why? Cuz every time I read one of your posts, I get the impression you
are
flogging yourself with one of those tassled leather whips.
To an innocent bystander, this might give the impression that Art is
battling a mighty heavy fly problem. Or maybe he itches badly.. I
dunno..

Woe is Art.
Woe is Art's latest antenna too.. There I said it. A big slap with the
tassled
miracle whip I give to thee.. :/
Woe is Art.
MK

4468. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 03:14:09 UTC
From: nm5k@wt.net
Message-ID: <1167362049.530488.194880@i12g2000cwa.googlegroups.com>
Source record: 47392

art wrote:
Just loved your
> contribution to this thread, we need more people like you on this group
> to guide others how they should participate, yours is an excellent
> example
> Cheers
> Art

Thanks Art. Always glad to help out. Anytime.. Just give me a ring.
MK

4469. Re: Go ahead and cry, we understand Slow Code :(

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 03:30:48 UTC
From: Stefan Wolfe <stefan@eml.com>
Message-ID: <45948bea$0$5286$4c368faf@roadrunner.com>
Source record: 47393

"charlie" <wehatespam@wymsey.co.uk> wrote in message
news:Opadnci11fejrQnYRVnytAA@pipex.net...
> Stefan Wolfe wrote:
> <SNIP>
>> Thank you for your patronizing comment about the USA finally
>> doing the right thing by ending morse code. May I return your
>> sentiment by observing that I am "glad" that South Africa finally
>> did the right thing when you recently ended Apartheid (about 250
>> years after the US ended slavery).
>>
>>
> Your comparison is totally stupid and most certainly hypocritical
> when one looks at the lot of most non-white races in the USA. Not
> that it's a lot better in the UK but then I'm not making stupid
> comparisons.

I agree with you that it is not much better in the UK but then, nothing is
not much better in the UK and comparing UK to the US is most certainly
stupid.

4470. Re: Go ahead and cry, we understand Slow Code :(

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 03:44:37 UTC
From: Stefan Wolfe <stefan@eml.com>
Message-ID: <45948f26$0$5270$4c368faf@roadrunner.com>
Source record: 47394

"art" <aunwin@insightbb.com> wrote in message
news:1167360061.398182.264930@73g2000cwn.googlegroups.com...
> America didn't stop slavery 250 years ago it still goes on.
> There are a lot of places where people are held captive to produce
> money for their owners.
> Americans will always buy from China regardless of what is going on.
> Greed is what rulers America today and if you don't like it you are
> either with us or against us......go to middle east and we will deal
> with you there. Bring them on as our President would say As far as
> apartheid is concerned we still have it in the U.S. there are millions
> and millions of mexicans who regularly point out that the U.S. is
> racist can 20.000,000 people be wrong?
> All because they are a different color to the whites so don't preach to
> South Africa before you clean your own back room.
> Art

I believe you know nothing about China and you most likely have never visited there. If you had, you would know that China operates as a market economy within a socialist state, not a slave state. You would know that the standard of living in China is quickly rising above most other countries in the region, particularly the democracies (and certainly South Africa) and it is a very exciting place to live right now. But you are obviously innured by whatever media is brainwashing you at the moment and your statements bespeak your total lack of intellectual credibility. If one is from a country other than the US and undertakes via public statements to criticize or patronize the US in a forum, fine, but then the person should be man enough to take a bit of reverse criticism without having to depend on nannys such as yourself to defend them.

4471. Re: cut out the Bullshit or turn in your license and imporve the service SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 03:49:09 UTC
From: an old friend <kb9rqz@yahoo.com>
Message-ID: <1167364149.514586.39870@k21g2000cwa.googlegroups.com>
Source record: 47395
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy

art wrote:
> You have to hand it to him! He did a good job declaring his views
> ragarding ham radio
> ande he may be right.

and his views on personal privacy (no such thing) that he wants to end
the existance of Ham radio

> Ham radio is shurely on the downslide and we
> can't blaim that on the FCC. We have the internet now that welcomes
> everybody so it wouldn't hurt us if the FCC gave somebody else the
> frequencies. We talk of public service well looking at this newsgroups
> work it would be better for the whole world if America got off the
> bands because we are not liked anymore and this newsgroup does not do
> service to America other than showing who we really are.
> Art
>
>
>
>
> Christopher Cox wrote:
> > Mark@kb9rqz.aprs wrote:
> > > On Fri, 15 Dec 2006 22:31:31 -0600, "Vince Fiscus, KB7ADL"
> > > <radiation17@bresnan.net> wrote:
> > >
> > >
> > > >>Ham radio died today.
> > > >>
> > > >>Sorry for all the brow beating, it won't be happening anymore.
> > > >>
> > > >>73 de KB7ADL, AKA Slow Code
> > >
> > >
> > > > bullshit
> > > > http://kb9rqz.blogspot.com/
> > >
> >
> > I am actually surprised to find out it was/is Vince. He's an O.K. guy,
> > puts in volunteer time and is very knowledgeable. While I firmly believe
> > this alter personality detracted from Amateur radio (Slow Code), Vince
> > has done other things to advance it.
> >
> > Although I know Vince is very pro Morse code, I am having trouble
> > believing it was him (being Mr. Slow Code)

> >
> > If it was/is him, turning in his license would only be a detriment to
> > the community IMHO.
> >
> > Chris KC8FRJ

4472. Re: Code Free "It's part of the dumbing down of America,"

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 03:52:29 UTC
From: Mark@kb9rqz.aprs
Message-ID: <a249p21f64u10e6hnkq9rgmfmubj12sjfp@4ax.com>
Source record: 47396
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

On 28 Dec 2006 18:04:08 -0800, hot-ham-and-cheese@hotmail.com wrote:

>
>hot-ham-and-cheese@hotmail.com wrote:
>> Stefan Wolfe wrote:
>>
>> QRZ Search Results: There are 0 records matching +Stefan* +Wolfe*
>
>I guess no one cares that Stefan come on here bitchin and moaning and
>crying about the "dumbing down" of USA amateur radio, and he has no
>apparent license.

of course Annymouses are welcome if they are attacking NoCoders
>
>How easily everyone gets fooled by these trolls.

how easily they pretend to be fooled
>
>> > SAN FRANCISCO: It may be the ultimate SOS.
>> >
>> > Morse Code is in distress.
>> > ......
>> > ......
>> > While the decision had been expected, some ham radio operators fear that
>> > their exclusive club has been opened to the unwashed masses
>> > - and that the very survival of Morse Code is in question.
>> > ......
>> > The demise of the Morse requirement, however,
>>
>> There has never been any "Morse Requirement." No particular mode is
>> mandated.
>
>That's right. And there's no requirement to get on the air once you do
>have a license.

or anything to prevent it
>
>> > could be a boon for ham radio
>> > itself. After the FCC decision, demand for information
>> > about radio licenses surged from about 200 in a typical weekend to about
>> > 500, according to the American Radio Relay League, an
>> > organization representing ham radio operators.
>> > ......
>> > "It's part of the dumbing down of America," said Nancy Kott, editor of World

>> > Radio magazine
>>
>> I suspect that Nancy is actually that grouchy Sterba, Kurt N.
>
>I dunno. Kurt might be anybody.
>
>> > and a field representative for the
>> > Centers for Disease of Control and Prevention in Metamora, Michigan.
>>
>> I thought the CDC was in Atlanta and World Radio was in 6-land?
>
>You're right.

but facts don't matter to the ProCoders
>
>> > "We live in a society today that wants something for nothing."
>>
>> The written exams are "nothing?"
>
>That's exactly right. That's why it was so important to keep the Morse
>Code exam, because the written exams are nothing.

indeed as far as I can see they writtens were always nothing to this
crowd

>
>> > A female in a mostly male radio world, Kott is one of about 660,000 licensed
>> > ham operators in the United States
>>
>> Another "first."
>
>Well, I dunno.
>
>> > and is the U.S.
>> > leader of Fists CW Club, an organization that calls itself the International
>> > Morse Preservation Society.
>>
>> That would make it "IMPS." I thought it called itself "FISTS."
>
>I guess no one wants to be called an "Imps."

ProCoders having sense
>
>> > ... So true, Ms. Kott...
>>
>> I'm not so easily convinced, Stefan.
>
>Maybe Stefan has some other words of wisdom?

like a real name?
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4473. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 03:56:59 UTC
From: nm5k@wt.net
Message-ID: <1167364619.670100.214700@79g2000cws.googlegroups.com>
Source record: 47397

art wrote:
> Great I knew you would like that, we need experienced antenna experts
> like you on this group , your instant judgements on antennas are a
> delight to all, quick fast and to the point what ever your point is

Yea, my point is for me to know, and others to find out...

> Have you called any of your buddies yet

Nope.. I'm on a new movie now... The boat wrecking rednecks went home.

> I am anxious to swell the
> rankings of this group, it seems to get bigger my the minuit

Not me.. The more posts, the longer it takes me to read them.
People, lets keep things simple if you please.. Thank you.

>Advertise
> the newsgroup of Ham Radio so we can get the numbers up of people like
> yorself a perfect example of what people are missing by not joining us.

This place is a hoot, thats fer sure.. CW, CB, Rednecks, Miracle Whips,
heck, what for can you ask for?

> We are so much better than CB if you like the fighting banter

This ain't ham radio or CB. This is usenet.

> Cheers and beers

Well, I might have one new years maybe... But I generally don't drink
anymore.
And if I did, it probably won't be a beer. More like a big Texas sized
heaping
helping of Crown Royal, the favored brew of us fisticated rednecks.
But I probably won't, cuz it would give me brain damage the next day.
I can't afford to lose any brain cells if I want to deal with sharp
guys like you
on a regular basis. :/
Woe is me..
MK

4474. Remembering some past antennas (CB related)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 04:06:02 UTC
From: Gary KW4Z <kw4z@charter.net>
Message-ID: <C1B9FE5A.16587%kw4z@charter.net>
Source record: 47398

Before I became a Ham (Amateur Radio Operator) I got my introduction to 2-way communications via CB-Radio. Hey can't argue too much about it that's how I met my wife some 31 years ago. Anyway I remember (during the Boom times) how many manufacturers produced some pretty good antennas that seemed to have great gain and results. I always wondered why they never applied some of their methods to Amateur Radio Antennas (well not Shakespeare because of their high lightning susceptibility).

I wonder how many of the old standard base station antennas are still around in use or for sale? Such great antennas as the Avanti PDL Quad or Avanti's Astro Plane or MoonRaker series, or Shakespeare's "Big Stick" which was so prone to catching Lightning, or the original "Starduster"? I know that now, these days the Starduster and the Astro Plane are built by the same European business that purchased the rights to build each but for this post I'm not talking about the newer Astro Planes or Stardusters but rather the original models. The Big Stick I think has just faded away but I know there are still some out there.

Maybe it was just youth but I thought those were great antennas and the only Amateur antenna that I really sang praises about was a HyGain HyQuad which actually stood up to an ice storm pretty well for me. Sold long ago but wish I still had that thing. I think the only ones that liked it better than me was the birds.

4475. Re: Remembering some past antennas (CB related)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 04:14:49 UTC
From: John Smith I <assemblywizard@gmail.com>
Message-ID: <en24lctvl3@aioe.org>
Source record: 47399

Gary KW4Z wrote:
> ...

Most, if not all, cb antennas came from others work in the past. The 1/4~ ground plane was in use in amateur communications long before cb, so the yagi beam, the quad beam, etc., etc.

Indeed, I don't know how long it has been now since I have seen anything "really new" in antenna theory, design, or construction ... a decade? Two? Three? Four? More?

I think you will find most hams had the ability to build their own antennas (knowledge, source of materials, help, etc.) and found that a much more economical way to go. Plus, there is much satisfaction in building ones own antenna. And, it is easy to produce much more robust and quality when doing so, as opposed to manufacturers who have to pay attention to cost at every level.

Regards,
JS

4476. Re: cut out the Bullshit or turn in your license and imporve the service SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 04:29:05 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1167366545.563639.106660@s34g2000cwa.googlegroups.com>
Source record: 47400
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy

No he is being realistic. We have more CB sets out there than ham sets
and they are no different to hams. If there is an emergency then CB ers
would probably do a better job than hams and with less quibling. I
think the writing is on the wall for ham radio since they dont provide
a thing for the country It would be better if home security took over
the frequency as we all now use the net instead. Have you heard anybody
on the radio lately if you get my drify
Att

an old friend wrote:
> art wrote:
> > You have to hand it to him! He did a good job declaring his views
> > ragarding ham radio
> > ande he may be right.
>
> and his views on personal privacy (no such thing) that he wants to end
> the existance of Ham radio
>
> > Ham radio is shurely on the downslide and we
> > can't blaim that on the FCC. We have the internet now that welcomes
> > everybody so it wouldn't hurt us if the FCC gave somebody else the
> > frequencies. We talk of public service well looking at this newsgroups
> > work it would be better for the whole world if America got off the
> > bands because we are not liked anymore and this newsgroup does not do
> > service to America other than showing who we really are.
> > Art
> >
> >
> >
> >
> > Christopher Cox wrote:
> > > Mark@kb9rqz.aprs wrote:
> > > > On Fri, 15 Dec 2006 22:31:31 -0600, "Vince Fiscus, KB7ADL"
> > > > <radiation17@bresnan.net> wrote:
> > > > >
> > > > >
> > > > >>Ham radio died today.
> > > > >>
> > > > >>Sorry for all the brow beating, it won't be happening anymore.
> > > > >>
> > > > >>73 de KB7ADL, AKA Slow Code
> > > > >
> > > > >

> > > > bullshit
> > > > http://kb9rqz.blogspot.com/
> > > >
> > >
> > > I am actually surprised to find out it was/is Vince. He's an O.K. guy,
> > > puts in volunteer time and is very knowledgeable. While I firmly believe
> > > this alter personality detracted from Amateur radio (Slow Code), Vince
> > > has done other things to advance it.
> > >
> > > Although I know Vince is very pro Morse code, I am having trouble
> > > believing it was him (being Mr. Slow Code)
> > >
> > > If it was/is him, turning in his license would only be a detriment to
> > > the community IMHO.
> > >
> > > Chris KC8FRJ

4477. Re: A moment of silence my friends for a silent key.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 04:33:41 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1167366821.344302.125770@48g2000cwx.googlegroups.com>
Source record: 47401
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Heh Bill it is free membership here, leave them alone. You tell other
people to talk to them and then you do it yourself. Share and share
alike I say
Art

Bill Turner wrote:
> ORIGINAL MESSAGE:
>
> On Wed, 27 Dec 2006 10:22:55 -0600, "JIM"
> <jslaird@goldfieldaccess.net> wrote:
>
> >I'll Bet there are a lot of old timer's just shaking in there Graves
> >at the way you have been presenting the hobby that they helped to grow.
>
> ------------ REPLY FOLLOWS ------------
>
> I'll bet there are even more newsgroup users who are tired of people
> posting messages that have nothing to do with the topic of the
> newsgroup.
>
> I'll spell it out for you: The three newsgroups you have posted to
> have nothing to do with a "moment of silence". There is newsgroup
> which is a catch-all for amateur radio related items:
> rec.radio.amateur.misc.
>
> Now that you know, I trust you will post correctly in the future.
>
> Bill, W6WRT

4478. Re: cut out the Bullshit or turn in your license and imporve the service SC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 04:41:13 UTC
From: Mark@kb9rqz.aprs
Message-ID: <sq69p2hue4g81lhemee43lohgncc80n0ik@4ax.com>
Source record: 47402
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy

On 28 Dec 2006 20:29:05 -0800, "art" <aunwin@insightbb.com> wrote:

>No he is being realistic

did you read his coments?

I think so

amoug his alegations were that code skill is related to intelgence
that it worked to filter lunatics (he himself disproves that one)
that oposing his views was proof of criminal intent

>. We have more CB sets out there than ham sets
>and they are no different to hams.

they are different not saying better or worse but often quite
different

> If there is an emergency then CB ers
>would probably do a better job than hams and with less quibling.
in local matters I agree with you in larger matter no the ability of
Ham radio organize nationaly is an advantage

> I
>think the writing is on the wall for ham radio since they dont provide
>a thing for the country

I don't and I hope that finaly being free of the shcackles SC was
devoted will in time allow us to prove that

> It would be better if home security took over
>the frequency as we all now use the net instead.

nah there is NOTHING the Govt can't fuck up

> Have you heard anybody
>on the radio lately if you get my drify

I have heard em mostl y queit plenty of room for people to work on
stuff and yes some nut jobs (on CB and HAM) and some decent folks
>Att
>
>
>
>an old friend wrote:
>> art wrote:
>> > You have to hand it to him! He did a good job declaring his views

>> > ragarding ham radio
>> > ande he may be right.
>>
>> and his views on personal privacy (no such thing) that he wants to end
>> the existance of Ham radio
>>
>> > Ham radio is shurely on the downslide and we
>> > can't blaim that on the FCC. We have the internet now that welcomes
>> > everybody so it wouldn't hurt us if the FCC gave somebody else the
>> > frequencies. We talk of public service well looking at this newsgroups
>> > work it would be better for the whole world if America got off the
>> > bands because we are not liked anymore and this newsgroup does not do
>> > service to America other than showing who we really are.
>> > Art
>> >
>> >
>> >
>> >
>> > Christopher Cox wrote:
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>> > > > On Fri, 15 Dec 2006 22:31:31 -0600, "Vince Fiscus, KB7ADL"
>> > > > <radiation17@bresnan.net> wrote:
>> > > >
>> > > >
>> > > > >>Ham radio died today.
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>> > > > >>Sorry for all the brow beating, it won't be happening anymore.
>> > > > >>
>> > > > >>73 de KB7ADL, AKA Slow Code
>> > > > >
>> > > >
>> > > > > bullshit
>> > > > > http://kb9rqz.blogspot.com/
>> > > > >
>> > >
>> > > I am actually surprised to find out it was/is Vince. He's an O.K. guy,
>> > > puts in volunteer time and is very knowledgeable. While I firmly believe
>> > > this alter personality detracted from Amateur radio (Slow Code), Vince
>> > > has done other things to advance it.
>> > >
>> > > Although I know Vince is very pro Morse code, I am having trouble
>> > > believing it was him (being Mr. Slow Code)
>> > >
>> > > If it was/is him, turning in his license would only be a detriment to
>> > > the community IMHO.
>> > >
>> > > Chris KC8FRJ
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4479. Re: Go ahead and cry, we understand Slow Code :(

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 04:42:24 UTC
From: Stefan Wolfe <stefan@eml.com>
Message-ID: <45949cb2$0$5215$4c368faf@roadrunner.com>
Source record: 47403

"art" <aunwin@insightbb.com> wrote in message
news:1167363975.340484.182340@79g2000cws.googlegroups.com...
> Stefan come on over, the border is wide open. You only have to get on a
> plane and come over for the holiday to check out where you want to live
> Once you are here you can easily find a job that Americans wont do we
> have at least 20,000,000 who have arrived in the past ten years and the
> government is not able to do anything as they have run out of money and
> jail space. This is how the blacks won freedom they challenged the
> government to arrest them knowing that they can't afford it. People all
> around the world are comming in in droves
> knowing that we have systems to ensure they do not starve while looking
> for a job. I know that sort of thing is happening in the U.K. but the
> social security will not run out as fast over here. We are expecting
> 30,000 minimum in Illinois during the next year coming from all over
> the world according to the Chicago Papers who advertise the city as a
> sanctuary and the millions we have just in this state is evidence that
> things are working out for some especially if you are of the right
> color and willing to do what Americans refuse to do and this is what
> they say on TV no less to the whole Nation.
> Cheers
> Art

And to think that 900mg of lithium carbonate adminstered daily could relieve
usenet of this blatherskite....

4480. Why doesn't the FCC put the bands to a better use ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 05:05:45 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1167368745.539135.47700@73g2000cwn.googlegroups.com>
Source record: 47404

Ham radio has really lost out on its usefullness to the Country. There
are more CB radios in the country than radio sets and truck drivers are
sure a better resource than ham radio running around with walky
talkies.. We used to be on the cusp of radio but now we are in a throw
away economy and very few hams know how to use a soldering iron.
Wouldnt the frequencies be of better use to Home Security rather than
advertising to the World what americans will do to those who are
against us?
Listen to the radio now, nobody is using it and we are crying to the
FCC but for what ?
Ham radio died when the net was formed and hams moved to newsgroups
where they can argue better than they did on their own special
frequencies.. We sure as heck don't need a newsgroup for antennas until
the old guys die off and even then we have books with everything has
now been written down. Seems like we are going back to the old days
where the old timers couldn't accept
cbers as being upto par with respect to radio knoweledge. In ten years
all the old fogies will die off
and the World will move on without a mistep. Hams have over estimated
their abilitiues and worth
to the Country and it is time we let go

Art KB9MZ

4481. Better use of electric supply lines

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 05:19:09 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1167369549.934729.117530@h40g2000cwb.googlegroups.com>
Source record: 47405

How can ham radio justify holding on to valuable frequencies when
comunities
can put them to good use?

Listen to the bands now, nobody is using them yet we are denying
services required by people outside of the metropolis. We have the
internet now and hams have moved to it, as with this newsgroup. There
is no good reason for us to deny the FCC putting it to better use for
the Country
Art KB9MZ

4482. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 05:42:59 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <DV1lh.70589$0D2.56065@newsfe15.phx>
Source record: 47406

"Bob Miller" <NOSPAM@neosoft.com> wrote in message
news:2jl7p2hn91q562tthi9qc6vcekl791k9su@4ax.com...
> On Thu, 28 Dec 2006 10:03:31 GMT, "Chuck James"
> <c456james@sbcglobal.net> wrote:
>
> >I know I could just go buy a mag-mount mobile antenna, but would it be
> >possible or even practical to build a J-pole type or vertical (without
long
> >radials) antenna for 2m/70cm, out of welding rod, which could be small
> >enough to be easily portable and used inside different rooms? Our local
> >RACES is trying to set up a volunteer communications network inside
several
> >different city and county offices to assist in emergencies. I have
searched
> >(a little) for such a design, and found something similar, made out of TV
> >line, but would prefer something that could be made free standing and as
> >small as practical. The Welding Rod antennas made with 45 degree radials
> >are a little bulky to move through congested hallways. The idea is to
make
> >it portable enough to move from room to room as needed. Long radials
would
> >impede moving through hallways.
> >Thanks in advance, KE5GEO
> >
>
> You might get some design ideas looking at the j-poles at
> http://www.arrowantennas.com/
>
> I personally have a j-pole made from a small length of 450-ohm line,
> which could be made self-supporting with a wood dowel and stand.
>
> Lotta ways to do this...
>
> bob
> k5qwg

Agree. I have made copper pipe j-poles for 50,144, 220 & 440 bands. They
match well; sometimes I can hit 1:1 at the sweet spot. They are virtually
indestructable and very cheap. Gonna do one for 10M next. (It'll be about
24 feet tall and will likely need guy ropes.)

4483. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 07:07:10 UTC
From: "LenAnderson@ieee.org" <LenAnderson@ieee.org>
Message-ID: <1167376030.940664.190150@a3g2000cwd.googlegroups.com>
Source record: 47407
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

From: hot-ham-and-che...@hotmail.com on Thurs, Dec 28 2006 6:04 pm

>hot-ham-and-che...@hotmail.com wrote:
>> Stefan Wolfe wrote:
>
>> QRZ Search Results: There are 0 records matching +Stefan* +Wolfe*
>
>I guess no one cares that Stefan come on here bitchin and moaning and
>crying about the "dumbing down" of USA amateur radio, and he has no
>apparent license.
>
>How easily everyone gets fooled by these trolls.

Maybe he got his given name spelled wrong? Like "Steppin Wolfe?"
:-)

>> > SAN FRANCISCO: It may be the ultimate SOS.
>
>> > Morse Code is in distress.
>> > ......
>> > ......
>> > While the decision had been expected, some ham radio operators fear that
>> > their exclusive club has been opened to the unwashed masses
>> > - and that the very survival of Morse Code is in question.
>> > ......
>> > The demise of the Morse requirement, however,
>
>> There has never been any "Morse Requirement." No particular mode is
>> mandated.
>
>That's right. And there's no requirement to get on the air once you do
>have a license.

Horrors! Isn't Ham Radio ALL about "working DX on HF with CW?"

Why...why...why one HAS to "get on the air" and "work" someone
by morsemanship! "Rite of passage" or some other BS myth...

One just "cannot" be a "ham" without "working someone with CW!"

:-)

>> > could be a boon for ham radio
>> > itself. After the FCC decision, demand for information
>> > about radio licenses surged from about 200 in a typical weekend to about
>> > 500, according to the American Radio Relay League, an

>> > organization representing ham radio operators.
>> > ......
>> > "It's part of the dumbing down of America," said Nancy Kott, editor of World
>> > Radio magazine
>
>> I suspect that Nancy is actually that grouchy Sterba, Kurt N.
>
>I dunno. Kurt might be anybody.

Kurt Weil? Sterba, Kurtain? :-)

[author-composer of musical "Cabaret" and a famous old wire
antenna of large dimensions once used by the pros...]

>> > and a field representative for the
>> > Centers for Disease of Control and Prevention in Metamora, Michigan.
>
>> I thought the CDC was in Atlanta and World Radio was in 6-land?
>
>You're right.

Gosh, I thought "CDC" stood for Control Data Corporation...

>> > "We live in a society today that wants something for nothing."
>
>> The written exams are "nothing?"
>
>That's exactly right. That's why it was so important to keep the Morse
>Code exam, because the written exams are nothing.

Riiiiight...the ultimate, the ne plus ultra of "radio
operating" is sending-receiving morse code. :-)

Like ANY other radio service ever uses it nowadays for
communications...<guffaw>

>> > A female in a mostly male radio world, Kott is one of about 660,000 licensed
>> > ham operators in the United States
>
>> Another "first."
>
>Well, I dunno.

Nancy Kott is caught up in a "Nancy Kause" of Doing Something
To Preserve The Glory and Honor of Morsemanship."

That "Kause" is doomed...

>> > and is the U.S.
>> > leader of Fists CW Club, an organization that calls itself the International
>> > Morse Preservation Society.
>
>> That would make it "IMPS." I thought it called itself "FISTS."
>

>I guess no one wants to be called an "Imps."

"FISTS" carries the emotional baggage of Virility, Strength, Force, and is very Manly. :-)

Hmmm...that alone makes one wonder about Ms. Kott's motivation?

[now watch the response, Brian, Jimmie Noserve will be in here with a "you're Wrong" and describe the origin of "FISTS" and other assorted glories of morsemanship...as if He is the only "smart" one and all no-coders are imbeciles]

>> > ... So true, Ms. Kott...
>
>> I'm not so easily convinced, Stefan.
>
>Maybe Stefan has some other words of wisdom?

Maybe that given name is a contraction of **** that hit the fan?

One can only wonder.

Maybe this Stefan is really Mikey Deignan trying to get some new Club Calls to replace the ones taken away from him? :-)

[the "KH6" is now a resident of Bedford, MA...no longer having a PO box in Hawaii courtesy of Jeff Herman]

Hmmm...whatever happened to Eric June, the self-appointed president and director of "Know Code International?" :-)

LenAnderson@ieee.org

4484. Re: Remembering some past antennas (CB related)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 09:05:30 UTC
From: Gary KW4Z <kw4z@charter.net>
Message-ID: <C1BA448A.16753%kw4z@charter.net>
Source record: 47408

Granted, and totally right. After achieving my Amateur Radio license and purchasing a Kenwood TS520S I built my first antenna, an inverted Vee. Worked great but my point, about the post, was that many of those CB antennas, for using 4 watts only, really did shine and the noise rejection or level of noise with some was tremendous. I wouldn't take anything away from Ham's building their own antennas and feel that's the best way but I do miss the jumps in design account of the CB Boom of the 70's.

On 12/28/06 11:14 PM, in article en24lctvl3@aioe.org, "John Smith I" <assemblywizard@gmail.com> wrote:

> Gary KW4Z wrote:
>> ...
>
> Most, if not all, cb antennas came from others work in the past. The
> 1/4~ ground plane was in use in amateur communications long before cb,
> so the yagi beam, the quad beam, etc., etc.
>
> Indeed, I don't know how long it has been now since I have seen anything
> "really new" in antenna theory, design, or construction ... a decade?
> Two? Three? Four? More?
>
> I think you will find most hams had the ability to build their own
> antennas (knowledge, source of materials, help, etc.) and found that a
> much more economical way to go. Plus, there is much satisfaction in
> building ones own antenna. And, it is easy to produce much more robust
> and quality when doing so, as opposed to manufacturers who have to pay
> attention to cost at every level.
>
> Regards,
> JS
>

4485. Re: Why doesn't the FCC put the bands to a better use ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 09:14:42 UTC
From: Gary KW4Z <kw4z@charter.net>
Message-ID: <C1BA46B2.16755%kw4z@charter.net>
Source record: 47409

I have to take exception with you on a few things, however I can see why you would think the way you are, and it's a lot of our own doing and fault. I still think Amateur Radio is very useful to the public and local Governments. Today, many clubs, ARES, and RACES stations still assist State Weather agencies with trained Weather spotters that during an alert respond and set up weather nets on the VHF & UHF frequencies as well as driving around to be a trained eye on what's going on. Amateur Radio operators also, though much has broken down or been forgotten, are trained and many participate in training at running an organized net. Several nets meet on each frequency with State Level nets still assigned to 75 Meters although as dormant as I have been I don't know that active status of them but I assume them to be going as they are still a part of the National Traffic System. Mostly useless, to most, they still give a Ham a structured net to observe and that could be activated during disasters like Katrina where Hams can transport repeaters into the area or work simplex from riding with police or national guard. Health and Welfare traffic from hospital to hospital can also take a load off FEMA or other agencies and attempt to locate relatives that are at each hospital provided they get help from each hospital. During Hurricane Season 20 meters is turned up for Tracking and Health and Welfare messages.

Like you said though much has died off and people don't seem to care much more but the underlying network is there and Unlike CB we are trained (you had to study theory, rules, and operating procedures) operators that at least know how things should run. I think it could improve but with the internet, newsgroups, online chat as well as Cell Phones everywhere Ham Radio has sure taken a substantial Hit. I do think though it can and will regain much of what you accurately see that it's lost.

On 12/29/06 12:05 AM, in article
1167368745.539135.47700@73g2000cwn.googlegroups.com, "art"
<aunwin@insightbb.com> wrote:

> Ham radio has really lost out on its usefullness to the Country. There
> are more CB radios in the country than radio sets and truck drivers are
> sure a better resource than ham radio running around with walky
> talkies.. We used to be on the cusp of radio but now we are in a throw
> away economy and very few hams know how to use a soldering iron.
> Wouldnt the frequencies be of better use to Home Security rather than
> advertising to the World what americans will do to those who are
> against us?
> Listen to the radio now, nobody is using it and we are crying to the
> FCC but for what ?
> Ham radio died when the net was formed and hams moved to newsgroups
> where they can argue better than they did on their own special

> frequencies.. We sure as heck don't need a newsgroup for antennas until
> the old guys die off and even then we have books with everything has
> now been written down. Seems like we are going back to the old days
> where the old timers couldn't accept
> cbers as being upto par with respect to radio knoweledge. In ten years
> all the old fogies will die off
> and the World will move on without a mistep. Hams have over estimated
> their abilitiues and worth
> to the Country and it is time we let go
>
> Art KB9MZ
>

4486. Re: Remembering some past antennas (CB related)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 10:16:14 UTC
From: Owen Duffy <none@no.where>
Message-ID: <Xns98A8D8619A09nonenowhere@61.9.191.5>
Source record: 47410

Gary KW4Z <kw4z@charter.net> wrote in
news:C1BA448A.16753%kw4z@charter.net:

...
> rejection or level of noise with some was tremendous. I wouldn't take
> anything away from Ham's building their own antennas and feel that's
> the best way but I do miss the jumps in design account of the CB Boom
> of the 70's.
...

I don't know how many of our new 6 hour hams I have worked on 40m who are using a Station Master (a 11m half wave with a base parallel tuned matching network) fed with 20m or so of RG58C/U and an ATU on 40m, and astonishlingly, VSWR is less than 1.01!

We owe a lot to that CB technology!

Owen

4487. Delta Loop Ideas Please

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 10:35:40 UTC
From: John <Q.R.Z.@dxdx.co.uk>
Message-ID: <4594ef77$0$31222$da0feed9@news.zen.co.uk>
Source record: 47411

I have been researching for a while now around the area of nested delta loops. I want to upgrade my multi-band vertical antenna with delta loops, each one resonant to cover 20 to 10m. However there is nothing on the internet about nested delta loops. My wish is to have the delta loops orientated such that they are pointed at the top and fed one third of the way up one of the vertical sides to get a low angle of radiation.

I realise that they have an impedance of around 100 Ohms and this would need to be matched. The usual method of doing this is to use a quarter wave length of 75R coax to match to 50R.

Much in the same way that parallel dipoles can be fed with a common feeder, can 5 delta loops be fed via coax matching stubs with a common 50R feeder? (i.e. bring the ends of the matching stubs together?).

I tried in the summer to nest 5 delta loops with the feed point as described above and then brought the feed points together (without matching stubs) , however it is not physically possible to do this - they really need separating out.

Any ideas any one? My basic aim is to have 5 resonant antennas with no tuning unit involved.

Thanks

John

4488. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 12:06:25 UTC
From: Dave <noone@nowhere.com>
Message-ID: <M8Wdnemqzq1bmQjYnZ2dnUVZ_oS3nZ2d@crocker.com>
Source record: 47412

"art" <aunwin@insightbb.com> wrote in message
news:1167351774.589563.79340@k21g2000cwa.googlegroups.com...
> Glad there are some lurkers out there to see this charade

the only charade is your rather transparent attempt to draw those on here into a fight. you'll need some better technical material to do that though. your other postings about the death of ham radio and its replacement by the internet make this even more obvious, you never wanted to discuss antennas, you just wanted to draw someone into an endless discussion of your bafflegab. the problem is, you didn't have anything good to start with, i have successfully done that on this news group, but you have to start with the right lures and enough knowledge to keep it interesting. you degenerated too quickly to name calling and lost all technical interest, so good bye and enjoy the new year alone in your thread.

4489. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 12:44:11 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1167396251.317693.17400@48g2000cwx.googlegroups.com>
Source record: 47413
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

LenAnderson@ieee.org wrote:
> From: hot-ham-and-che...@hotmail.com on Thurs, Dec 28 2006 6:04 pm
>
> >hot-ham-and-che...@hotmail.com wrote:
> >> Stefan Wolfe wrote:
> > >
> > >> QRZ Search Results: There are 0 records matching +Stefan* +Wolfe*
> > >
> > >I guess no one cares that Stefan come on here bitchin and moaning and
> > >crying about the "dumbing down" of USA amateur radio, and he has no
> > >apparent license.
> > >
> > >How easily everyone gets fooled by these trolls.
> >
> > Maybe he got his given name spelled wrong? Like "Steppin Wolfe?"
> > :-)

Very psychodelic. Don't get rug burns from the magic carpet ride.

> >> > SAN FRANCISCO: It may be the ultimate SOS.
> > >
> > >> > Morse Code is in distress.
> > >> > ......
> > >> > ......
> > >> > While the decision had been expected, some ham radio operators fear that
> > >> > their exclusive club has been opened to the unwashed masses
> > >> > - and that the very survival of Morse Code is in question.
> > >> > ......
> > >> > The demise of the Morse requirement, however,
> > >
> > >> There has never been any "Morse Requirement." No particular mode is
> > >> mandated.
> > >
> > >That's right. And there's no requirement to get on the air once you do
> > >have a license.
> >
> > Horrors! Isn't Ham Radio ALL about "working DX on HF with CW?"

That's correct. Anything less than than just makes for a lesser ham.

> Why...why...why one HAS to "get on the air" and "work" someone
> by morsemanship! "Rite of passage" or some other BS myth...
>
> One just "cannot" be a "ham" without "working someone with CW!"

>
> :-)

"Hams of a Lesser God."

> >> > could be a boon for ham radio
> >> > itself. After the FCC decision, demand for information
> >> > about radio licenses surged from about 200 in a typical weekend to about
> >> > 500, according to the American Radio Relay League, an
> >> > organization representing ham radio operators.
> >> > ......
> >> > "It's part of the dumbing down of America," said Nancy Kott, editor of World
> >> > Radio magazine
> >
> >> I suspect that Nancy is actually that grouchy Sterba, Kurt N.
> >
> >I dunno. Kurt might be anybody.
>
> Kurt Weil? Sterba, Kurtain? :-)
>
> [author-composer of musical "Cabaret" and a famous old wire
> antenna of large dimensions once used by the pros...]

A cranky (OM) who writes antenna books at World Radio.

> >> > and a field representative for the
> >> > Centers for Disease of Control and Prevention in Metamora, Michigan.
> >
> >> I thought the CDC was in Atlanta and World Radio was in 6-land?
> >
> >You're right.
>
> Gosh, I thought "CDC" stood for Control Data Corporation...

Isn't Control Data defunct?

> >> > "We live in a society today that wants something for nothing."
> >
> >> The written exams are "nothing?"
> >
> >That's exactly right. That's why it was so important to keep the Morse
> >Code exam, because the written exams are nothing.
>
> Riiiiight...the ultimate, the ne plus ultra of "radio
> operating" is sending-receiving morse code. :-)
>
> Like ANY other radio service ever uses it nowadays for
> communications...<guffaw>

Well, well, well....

> >> > A female in a mostly male radio world, Kott is one of about 660,000 licensed
> >> > ham operators in the United States

> >
> >> Another "first."
> >
> >Well, I dunno.
>
> Nancy Kott is caught up in a "Nancy Kause" of Doing Something
> To Preserve The Glory and Honor of Morsemanship."

A Priestess in the Church of St. Hiram?

> That "Kause" is doomed...

Maybe not doomed...

> >> > and is the U.S.
> >> > leader of Fists CW Club, an organization that calls itself the International
> >> > Morse Preservation Society.
> >
> >> That would make it "IMPS." I thought it called itself "FISTS."
> >
> >I guess no one wants to be called an "Imps."
>
> "FISTS" carries the emotional baggage of Virility, Strength,
> Force, and is very Manly. :-)

Hmmmm? I guess "IMPS" is "OUT."

> Hmmm...that alone makes one wonder about Ms. Kott's motivation?
>
> [now watch the response, Brian, Jimmie Noserve will be in here
> with a "you're Wrong" and describe the origin of "FISTS" and
> other assorted glories of morsemanship...as if He is the only
> "smart" one and all no-coders are imbeciles]

Yep. and FISTicuffS was there in WWII helping the effort.

> >> > ... So true, Ms. Kott...
> >
> >> I'm not so easily convinced, Stefan.
> >
> >Maybe Stefan has some other words of wisdom?
>
> Maybe that given name is a contraction of **** that hit the fan?
>
> One can only wonder.
>
> Maybe this Stefan is really Mikey Deignan trying to get some new
> Club Calls to replace the ones taken away from him? :-)

The RF Commandos are missing in action, but they still have a Club Call
to come back to if they ever have another meeting.

> [the "KH6" is now a resident of Bedford, MA...no longer having a
> PO box in Hawaii courtesy of Jeff Herman]

People who glom up exotic callsigns having never been to the
location...

> Hmmm...whatever happened to Eric June, the self-appointed
> president and director of "Know Code International?" :-)
>
> LenAnderson@ieee.org

I forgot all about him. And the other guy - Val Germann...

4490. Re: How to measure RF Ground improvements - mobile

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 12:52:47 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1167396767.788373.306330@a3g2000cwd.googlegroups.com>
Source record: 47414

Roy knows whereof he speaks... Just for fun let me stir the pot here and introduce a different way of looking at the mobile antenna system...

The mobile antenna can be viewed as an off center fed dipole (OCF)... The mast and top hat form one side of the dipole and the vehicle (the so called ground) the other side... The problems I see - besides the low radiation resistance of the electrically short mast and "ground" - is that the L/D ratio of the two parts of the antenna are vastly different...
The mast portion has an LD ratio of ~20 < picked out of thin air, I am sure someone will correct me>
The "ground" has a ratio of less than 1.0
This massive offset in L/D between the two parts of the antenna system results in massive skewing of the capacitative coupling to actual ground on each half of the antenna...

What I propose is to not connect the RF of the antenna system directly to the vehicle chassis... Use an insulated mast as usual, but do not connect the coax braid to the vehicle... Instead, use the braid of RG8 as a radial/counterpoise to the mast... Run the coax underneath the vehicle and wind it around the perimeter leaving it a shorter than an electrical quarter wave... Leave it insulated from the vehicle... Seal the ends against water and salt intrusion... Use a coil at the feed point to establish resonance on this counterpoise... Compare the field strength to the conventional method...

denny / k8do

4491. Re: Delta Loop Ideas Please

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 13:03:43 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1167397423.147668.263160@h40g2000cwb.googlegroups.com>
Source record: 47415

Can it be done, - yes...
Will it work well - maybe!
You are going to have mutual coupling between the loops messing up
resonance and impedence... You cannot just cut the loops per the
formula and nest them inside of each other, connected at the feed
point, and still be resonant... That is your first problem... Search
the literature on triband quad loop beams and their results will point
the way to the appropriate modification of the usual loop formula...
Next, your impedences will drop and 100 ohms is not likely to be the
number...
For a single feedline try a quarter wave of twin lead from the mutual
feed point to each respective loop... Personally, I would use relays
to cut out the unused loops and save myself a lot of cut and try...
ymmv...
15 -17 will talk to each other... Try hanging them at right angles...

denny / k8do

John wrote:
> I have been researching for a while now around the area of nested delta
> loops. I want to upgrade my multi-band vertical antenna with delta loops,
> each one resonant to cover 20 to 10m. However there is nothing on the
> internet about nested delta loops. My wish is to have the delta loops
> orientated such that they are pointed at the top and fed one third of the
> way up one of the vertical sides to get a low angle of radiation.
>
> I realise that they have an impedance of around 100 Ohms and this would need
> to be matched. The usual method of doing this is to use a quarter wave
> length of 75R coax to match to 50R.
>
> Much in the same way that parallel dipoles can be fed with a common feeder,
> can 5 delta loops be fed via coax matching stubs with a common 50R feeder?
> (i.e. bring the ends of the matching stubs together?).
>
> I tried in the summer to nest 5 delta loops with the feed point as described
> above and then brought the feed points together (without matching stubs) ,
> however it is not physically possible to do this - they really need
> separating out.
>
> Any ideas any one? My basic aim is to have 5 resonant antennas with no
> tuning unit involved.
>
> Thanks
>
> John

4492. Re: Code Free--CDC had no official part in the statement

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 13:05:03 UTC
From: Steven <thisjukeboxplays33rpm@yahoo.com>
Message-ID: <1167397503.765224.213180@n51g2000cwc.googlegroups.com>
Source record: 47416
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

If there's anything other than politics and Morse code to argue about, especially in RRAP, it must be all the disgusting garbage offered by the resident lunatics and the 45-year long rant that would even turn the stomachs of the gay people they malign.

Certainly you have a thread about the best new gear that became available this year or the best influence on the hobby.

At least I cannot get these "posters" if I read a printed radio magazine.

4493. Re: Distance between antennas

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 13:24:25 UTC
From: Denny <k8do@mailblocks.com>
Message-ID: <1167398665.020075.90640@a3g2000cwd.googlegroups.com>
Source record: 47417

Any antenna will couple to some extent to another, especially if on the same band... I have modeled my 80 meter antennas with spacings in excess of 1000 feet and they still distort each others pattern... I use relays to detune the unused antennas...
Now, your inverted vees at right angles on the same support will work OK... I don't know that there will be a big difference in patterns, I suspect less than a half S-unit at best... But try it and let the group know your results...
There will be less couplilng between antennas on different bands and while there will be some pattern distortion what you lose in one direction you will get back in another... I would hang the antennas and go for it... Drop us a line when you are ready to go and we can make a sked to work you on 80...

denny / k8do

4494. Re: How to measure RF Ground improvements - mobile

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 14:04:01 UTC
From: chuck <nospam@nospam.org>
Message-ID: <1167401111_4333@sp6iad.superfeed.net>
Source record: 47418

k1drw wrote:
> Can someone please provide guidance for this issue:
>
> RE: a snippet from the SGC website:
> "One of the great misunderstandings in checking grounds is
> that just because you measure continuity with a VOM, that you will have
> a good RF ground. You MAY have a good RF ground, but a DC measurement
> doesn't prove it. Remember, if you measure the resistance across an
> inductor, it will show zero DC resistance to ground even though it's
> impedance at HF frequencies may be quite high. Continuity is a good
> check, but it does not certify your RF ground system."
>
> I would like to understand how/what to definitively measure before and
> after I make improvements to my mobile HF system (additional
> bonding/grounding). What metric will provide clear indication that I
> have indeed made an improvement. I do have an MFJ-259 available. I
> have been exclusively looking at the SWR for indication but I am
> starting to learn that lowering the SWR is not necessarily an
> improvement. Is it to simply to measure the mobile vertical feedpoint
> impedance before and after ?
>
> 73, dennis, k1drw
>

Dennis, assuming you've already done at least some "bonding and
grounding," further measures may have a fairly small incremental effect
on loss resistance and efficiency. The MFJ-259 has a resolution of one
ohm and the uncertainty of that LSD is probably more than an ohm. You
may not be able to reliably detect small improvements using the MFJ.

These issues may be less troublesome if you use field strength
measurements to detect changes.

Plan carefully, because once you make a change in the system, it is a
pain to have to un-do it in order to apply a different measurement
technique. Will you share your results?

73,

Chuck

-----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

4495. glen-martin roof-top tower

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 14:06:22 UTC
From: Gary <gbelcas@comcast.net>
Message-ID: <SO6dnbpt3txCvQjYnZ2dnUVZ_rqhnZ2d@comcast.com>
Source record: 47419

I need to correspond w/ anyone who has put one of these up. Time to get
back on the air...

gary
ka9rao

4496. Re: [Off Topic] QRA? QCX?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 14:14:04 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <MbydnRCBK_0zvwjYnZ2dnUVZ_rCsnZ2d@bright.net>
Source record: 47420

I hear ya man! I have decided to reform and quit replying to his canned messages. I feel it's just like talking to a brick wall, so it is a waste of my time. I guess I just have a bit of an aversion to people dictating what I (and evryone else) do based on the dictator's beliefs. I've always been of the belief that with newsgroups, I read the subject line and if it doesn't sound like something I can help with, I don't even read it and move on to the next message.

Now, on to antenna topics...does anybody know if Alford slot antennas for say 902 and up would be decent mobile antennas to get a decent horizontal omni radiation pattern?

Scott
N0EDV

Mike Coslo wrote:

> Scott <acepilot@bloomer.net> wrote in
> news:dJudnVWoR4E4gQnYnZ2dnUVZ_vninZ2d@bright.net:
>
>
>>Jeez, go BUILD something or put up a new antenna would you?
>
>
> Please, Scott, Don't reply to Bill's endless replies to the people who
> have nothing to do with the purpose of this newsgroup. That way I don't
> have to see his posts. ;^)

4497. Re: Why doesn't the FCC put the bands to a better use ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 14:25:30 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <XLKdnX5wfOXGuAjYnZ2dnUVZ_q2pnZ2d@bright.net>
Source record: 47421

Whoa! Just because YOU don't use the radio doesn't mean the rest of us don't! What's the need to give these frequencies up for home security? Ham licenses are a privilege, not a right...they CAN be taken away and then they would be gone forever. Home security can better be effected with a gun and owning a gun IS a right, which they can't take away (although they ARE trying). I prefer Ruger, Remington and Smith & Wesson home security systems.

Scott
N0EDV

PS...According to qrz.com, you're ham license is about to expire (and you appear to be one of those "old guys" you mention. Are you about to expire as well?

art wrote:

> Ham radio has really lost out on its usefullness to the Country. There
> are more CB radios in the country than radio sets and truck drivers are
> sure a better resource than ham radio running around with walky
> talkies.. We used to be on the cusp of radio but now we are in a throw
> away economy and very few hams know how to use a soldering iron.
> Wouldnt the frequencies be of better use to Home Security rather than
> advertising to the World what americans will do to those who are
> against us?
> Listen to the radio now, nobody is using it and we are crying to the
> FCC but for what ?
> Ham radio died when the net was formed and hams moved to newsgroups
> where they can argue better than they did on their own special
> frequencies.. We sure as heck don't need a newsgroup for antennas until
> the old guys die off and even then we have books with everything has
> now been written down. Seems like we are going back to the old days
> where the old timers couldn't accept
> cbers as being upto par with respect to radio knoweledge. In ten years
> all the old fogies will die off
> and the World will move on without a mistep. Hams have over estimated
> their abilitiues and worth
> to the Country and it is time we let go
>
> Art KB9MZ
>

4498. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 14:59:33 UTC
From: Yuri Blanarovich <K3BU@optonline.net>
Message-ID: <en3agn$oq8$2@aioe.org>
Source record: 47422

"art" <aunwin@insightbb.com> wrote in message
news:1167403159.449975.201010@k21g2000cwa.googlegroups.com...
> Good riddance to you Dave you never produced evidence about antennas in
> your position in the hit group . You posture about your wide experience
> but they are just words. You are a taker not a giver

> Art

Arty,
Dave has more antennas than you ever saw in your life, all you have is
incoherent bafflegab crap, then insults, and patent that tells the world
that reflector is shorter than driven element, etc. For that, Her Majesty
awarded you life time callsign M0RON.
Your other crap about America and ham radio just paints the complete picture
of your mental state.
Frankly my dear, you are full of sheeeeet!

73 bada BUm
one of those who is incapable of comprehending your "genius"

4499. Re: Why doesn't the FCC put the bands to a better use ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 15:03:58 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1167404637.981655.66430@79g2000cws.googlegroups.com>
Source record: 47423

Yup Gary Ham radio is all..... could have..... should have... but
really did nothing

The old spirit carries on at morning coffee breaks. I remember when the
club was over 100 strong and where people resented incomming CB ers who
in actual fact kept ham radio alive even tho the old timers talked
about wire antennas and making power supplies or a tuner where as the
new comers just bought their stuff and accepted that all was known
about antennas. Went to a ham fest last year and there was lots of
people there at the beginning of the first day but by lunch time it was
empty and some vendors were packing up. The old timers already had
their equipment and there are no newcommers to buy unles it is computor
related. Ham radio still thrives in other countries where the thro away
economy has not taken a full hold but their repeaters show evidence of
being taken over.
This newsgroup is an excellent example of us old timers taking the
hobby with us to our graves. It is ours, we made it what it is and this
newsnet is its last gasp where pseudo experts try to keep their spirits
up as father time works on schedule
Art

Gary KW4Z wrote:
> I have to take exception with you on a few things, however I can see why you
> would think the way you are, and it's a lot of our own doing and fault. I
> still think Amateur Radio is very useful to the public and local
> Governments. Today, many clubs, ARES, and RACES stations still assist State
> Weather agencies with trained Weather spotters that during an alert respond
> and set up weather nets on the VHF & UHF frequencies as well as driving
> around to be a trained eye on what's going on. Amateur Radio operators
> also, though much has broken down or been forgotten, are trained and many
> participate in training at running an organized net. Several nets meet on
> each frequency with State Level nets still assigned to 75 Meters although as
> dormant as I have been I don't know that active status of them but I assume
> them to be going as they are still a part of the National Traffic System.
> Mostly useless, to most, they still give a Ham a structured net to observe
> and that could be activated during disasters like Katrina where Hams can
> transport repeaters into the area or work simplex from riding with police or
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> that are at each hospital provided they get help from each hospital. During
> Hurricane Season 20 meters is turned up for Tracking and Health and Welfare
> messages.
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> Like you said though much has died off and people don't seem to care much
> more but the underlying network is there and Unlike CB we are trained (you

> had to study theory, rules, and operating procedures) operators that at
> least know how things should run. I think it could improve but with the
> internet, newsgroups, online chat as well as Cell Phones everywhere Ham
> Radio has sure taken a substantial Hit. I do think though it can and will
> regain much of what you accurately see that it's lost.
>
>
> On 12/29/06 12:05 AM, in article
> 1167368745.539135.47700@73g2000cwn.googlegroups.com, "art"
> <aunwin@insightbb.com> wrote:
>
> > Ham radio has really lost out on its usefullness to the Country. There
> > are more CB radios in the country than radio sets and truck drivers are
> > sure a better resource than ham radio running around with walky
> > talkies.. We used to be on the cusp of radio but now we are in a throw
> > away economy and very few hams know how to use a soldering iron.
> > Wouldnt the frequencies be of better use to Home Security rather than
> > advertising to the World what americans will do to those who are
> > against us?
> > Listen to the radio now, nobody is using it and we are crying to the
> > FCC but for what ?
> > Ham radio died when the net was formed and hams moved to newsgroups
> > where they can argue better than they did on their own special
> > frequencies.. We sure as heck don't need a newsgroup for antennas until
> > the old guys die off and even then we have books with everything has
> > now been written down. Seems like we are going back to the old days
> > where the old timers couldn't accept
> > cbers as being upto par with respect to radio knoweledge. In ten years
> > all the old fogies will die off
> > and the World will move on without a mistep. Hams have over estimated
> > their abilitiues and worth
> > to the Country and it is time we let go
> >
> > Art KB9MZ
> >

4500. Re: Remembering some past antennas (CB related)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 15:25:24 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1167405924.603327.288340@s34g2000cwa.googlegroups.com>
Source record: 47424

Yup, if it wasn't for CB the retail market wouldnt have done so well in
the past. Today we have no newcomers to buy things prefering to zero in
on computors which is what the ham community is also doing tho to a
lesser extent since age prevents change somewhat.
Coffee breaks are now in vogue except for the few who miss the
perceived statue they once attained and where others can pile in with
grammer punctuated by swear words. But that is the same all over
America we are a split society and continue to grow that way knowing a
few bad apples will always overcome the britest in the barrel.

Owen Duffy wrote:
> Gary KW4Z <kw4z@charter.net> wrote in
> news:C1BA448A.16753%kw4z@charter.net:
>
> ...
> > rejection or level of noise with some was tremendous. I wouldn't take
> > anything away from Ham's building their own antennas and feel that's
> > the best way but I do miss the jumps in design account of the CB Boom
> > of the 70's.
> ...
>
> I don't know how many of our new 6 hour hams I have worked on 40m who are
> using a Station Master (a 11m half wave with a base parallel tuned matching
> network) fed with 20m or so of RG58C/U and an ATU on 40m, and
> astonishlingly, VSWR is less than 1.01!
>
> We owe a lot to that CB technology!
>
> Owen

4501. Re: Gaussian law and time varying fields

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 15:27:41 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <0oWdna71SMIyrgjYnZ2dnUVZ_tadnZ2d@bright.net>
Source record: 47425

Hey, what about our present "public servants"?? Look at what they're
made up of and they "shine" as exemplary role models. Not exactly!
Maybe we should get rid of them since they set an example as good as
most hams (according to you) ;)

Scott

art wrote:

> At least onlookers have another entrant to show what ham radio really
> is.
> The perception that ham radio is a public service doesn't seem to stand
> up so good
> when they get to see what ham radio comprises of.

4502. Re: Better use of electric supply lines

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 15:41:32 UTC
From: Gumby <gumby_dammit@aol.com>
Message-ID: <4595372C.F77E9107@aol.com>
Source record: 47426

looks like the govt has already used your power lines
to control your brain and mind. they have removed the free will
you once had that made you an individual.

you have been assimilated, are part of the collective hive.

4503. Re: Better use of electric supply lines

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 17:27:58 UTC
From: "David G. Nagel" <nagel@core.com>
Message-ID: <12pak0t6uc5u8c4@corp.supernews.com>
Source record: 47427

Gumby wrote:
> looks like the govt has already used your power lines
> to control your brain and mind. they have removed the free will
> you once had that made you an individual.
>
> you have been assimilated, are part of the collective hive.

We are BORG, resistance is futile....

4504. Re: Delta Loop Ideas Please

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 17:36:29 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <84kap2pph7hfhj8nddr8rmsg5h1fv4ftgt@4ax.com>
Source record: 47428

On Fri, 29 Dec 2006 10:35:40 -0000, "John" <Q.R.Z.@dxdx.co.uk> wrote:

>I tried in the summer to nest 5 delta loops with the feed point as described
>above and then brought the feed points together (without matching stubs) ,

Hi John,

Without matching (stubs? these are usually shorted or open - perhaps
you mean lines) seems to go against your goal of a 5 band, no-tune
antenna. The alternative is to have 5 matching lines, a lot of wire
in the air.

>however it is not physically possible to do this - they really need
>separating out.

It would seem to be physically possible, just not elegant, nor
successful.

If you are willing to invest in such complexity and wire, why not ONE
antenna that does it all without such grief? Consult:
http://home.comcast.net/~kb7qhc/antennas/verticals/Cage/cage.htm
or
http://www.qsl.net/kb7qhc/antenna/Discone/discone.htm

73's
Richard Clark, KB7QHC

4505. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 17:39:22 UTC
From: "Alun L. Palmer" <elektros@yahoo.com>
Message-ID: <Xns98A880917101Belektrosmdonet@217.22.228.20>
Source record: 47429
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

Mike Coslo <mcoslo@comcast.net> wrote in
news:Xns98A6EF708503mcoslocomcastnet@216.196.97.136:

> "merlin-7" <merlin-7@sc.rr.com> wrote in
> news:45932260$0$5252$4c368faf@roadrunner.com:
>
>> Odd thing that happend in the uk after code was dropped...code useage
>> went up...
>> Joe
>>
>> "Stefan Wolfe" <stefan@eml.com> wrote in message
>> news:4592a9b6$0$18077$4c368faf@roadrunner.com...
>>> SAN FRANCISCO: It may be the ultimate SOS.
>>>
>>> Morse Code is in distress.
>>> .....
>>> .....
>>> While the decision had been expected, some ham radio operators fear
>>> that their exclusive club has been opened to the unwashed masses
>>> - and that the very survival of Morse Code is in question.
>>> .....
>>> The demise of the Morse requirement, however, could be a boon for ham
>>> radio itself. After the FCC decision, demand for information
>>> about radio licenses surged from about 200 in a typical weekend to
>>> about 500, according to the American Radio Relay League, an
>>> organization representing ham radio operators.
>>> .....
>>> "It's part of the dumbing down of America," said Nancy Kott, editor
>>> of
>> World
>
> The whole quote was:
>
>
>
>> ?It?s part of the dumbing down of America,? said Nancy Kott, editor of
>>World Radio magazine and a field representative for the Centers for
>>Disease Control and Prevention in Metamora, Mich. ?We live in a society
>>today that wants something for nothing.?
>
> At what point is the potential Ham Dumb and wanting something
> for
> nothing?

>
> Was it when they lowered the requirement to 5 wpm for all
> license
> classes? Speaking of 5wpm, were all Novices dumb and looking for
> something for nothing? And were Generals and advanced just dumb enough,
> and just looking for something for almost nothing?
>
> I'm just about at the point of thinking that Morse CW use
> *will*
> increase after the test requirement goes away.
>
> I wonder what type of antennas the new dumb hams will use -
> just to
> bring this on topic, since it's crossposted to an rraa.
>
> - 73 de Mike KB3EIA
>
>
>

Sure it will. I long ago promised I would have a QSO using CW if the test was abolished. That's at least one additional QSO.

4506. Re: Better use of electric supply lines

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 17:44:12 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1167414252.556793.272170@k21g2000cwa.googlegroups.com>
Source record: 47430

Heh they are only doing what the electorate allows them to do
Obviously they are conforming to the majority needs and that
is what is called democracy American style. This ios what we are trying
to teach Irak
but for some reason they are rejecting this imposition. Secular
division will always defeat democracy as the Catholic Church well knows
as well as the religeous right here in the U.S.
You are either with us or against us is growing very well in the U.S.A.
Art

Gumby wrote:
> looks like the govt has already used your power lines
> to control your brain and mind. they have removed the free will
> you once had that made you an individual.
>
> you have been assimilated, are part of the collective hive.

4507. Re: How to measure RF Ground improvements - mobile

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 17:45:12 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <mpkap25u878kqo80tbri62vt64mloima8d@4ax.com>
Source record: 47432

On 29 Dec 2006 04:52:47 -0800, "Denny" <k8do@mailblocks.com> wrote:

>What I propose is to not connect the RF of the antenna system directly
>to the vehicle chassis... Use an insulated mast as usual, but do not
>connect the coax braid to the vehicle... Instead, use the braid of RG8
>as a radial/counterpoise to the mast...

Hi Denny,

Sounds like what Wall Street calls "taking a poison pill."

>Run the coax underneath the
>vehicle and wind it around the perimeter leaving it a shorter than an
>electrical quarter wave... Leave it insulated from the vehicle... Seal
>the ends against water and salt intrusion... Use a coil at the feed
>point to establish resonance on this counterpoise...

Another poison pill.

>Compare the field
>strength to the conventional method...

If it can deflect the needle. You might have to duct tape the FSM to
this novel radiator to do that.

Care to guess what the circulating currents are going to be in your
insulated mast antenna?

73's
Richard Clark, KB7QHC

4508. Re: How to measure RF Ground improvements - mobile

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 17:45:31 UTC
From: k1drw <k1drw@comcast.net>
Message-ID: <1167414331.200392.115660@a3g2000cwd.googlegroups.com>
Source record: 47431

Roy, Denny, Chuck:
Thanks guys for the information. I feel I do understand now, how to measure (using MFJ "R"/"X" and Field strength) to determine if any improvements are accomplished. Yes, after I finish I will post a follow up.

73, Dennis, k1drw

4509. Re: How to measure RF Ground improvements - mobile

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 18:03:58 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <c3lap2t8n59adv13go58qe2j4tso0c15rv@4ax.com>
Source record: 47433

On Fri, 29 Dec 2006 09:04:01 -0500, chuck <nospam@nospam.org> wrote:

>The MFJ-259 has a resolution of one
>ohm and the uncertainty of that LSD is probably more than an ohm. You
>may not be able to reliably detect small improvements using the MFJ.

Hi Chuck,

This is rather focused at the wrong end of the scale. The antenna's radiation resistance is going to be lost at the 1 Ohm resolution of the scale. A 12 foot radiator in the 80M band presents us with about 5 Ohms (a 10:1 mismatch) resistance with so much reactance that it would wrap the needle around the peg at the wrong end of the SWR scale.

However, the "lucky" ones may in fact see a SWR that is closer to 2:1, only to be satisfied that 20 of those Ohms comes from poor connections, coax, heated coils, and chassis loss. We can all agree that the MFJ is perfectly capable of measuring 20 Ohms without issues of error (yes, there will be error, but it won't be focused in the last digit). You will also be able to see that 20 Ohms diminish TOWARDS the 5 Ohm Rr when you struggle to IMPROVE the situation. Even if that is everyone's goal, it is rarely achieved; and certainly not because accuracy foiled them.

73's
Richard Clark, KB7QHC

4510. Re: [Off Topic] QRA? QCX?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 18:11:59 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <hdmap2d2k9orinh2k1k5iu9q9lpc6vjl4c@4ax.com>
Source record: 47434

On Fri, 29 Dec 2006 14:14:04 +0000, Scott <acepilot@bloomer.net>
wrote:

>Now, on to antenna topics...does anybody know if Alford slot antennas
>for say 902 and up would be decent mobile antennas to get a decent
>horizontal omni radiation pattern?

Hi Scott?

What is that you want decent mobile operation, or decent horizontal
pattern? At 902MHz is there much call for horizontal? Especially in
a mobile?

Consider the Inverted F at:
http://www.qsl.net/kb7qhc/antenna/Inverted%20F/index.htm

73's
Richard Clark, KB7QHC

4511. Re: How to measure RF Ground improvements - mobile

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 18:37:43 UTC
From: chuck <nospam@nospam.org>
Message-ID: <1167417534_4521@sp6iad.superfeed.net>
Source record: 47435

Richard Clark wrote:
> On Fri, 29 Dec 2006 09:04:01 -0500, chuck <nospam@nospam.org> wrote:
>
>> The MFJ-259 has a resolution of one
>> ohm and the uncertainty of that LSD is probably more than an ohm. You
>> may not be able to reliably detect small improvements using the MFJ.
>
> Hi Chuck,
>
> This is rather focused at the wrong end of the scale. The antenna's
> radiation resistance is going to be lost at the 1 Ohm resolution of
> the scale. A 12 foot radiator in the 80M band presents us with about
> 5 Ohms (a 10:1 mismatch) resistance with so much reactance that it
> would wrap the needle around the peg at the wrong end of the SWR
> scale.
>
> However, the "lucky" ones may in fact see a SWR that is closer to 2:1,
> only to be satisfied that 20 of those Ohms comes from poor
> connections, coax, heated coils, and chassis loss. We can all agree
> that the MFJ is perfectly capable of measuring 20 Ohms without issues
> of error (yes, there will be error, but it won't be focused in the
> last digit).

Where will the error be focused?

You will also be able to see that 20 Ohms diminish
> TOWARDS the 5 Ohm Rr when you struggle to IMPROVE the situation. Even
> if that is everyone's goal, it is rarely achieved; and certainly not
> because accuracy foiled them.
>
> 73's
> Richard Clark, KB7QHC

Hi Richard,

It would surprise me to see a 15 ohm reduction due to incremental
grounding and bonding. I would expect changes in R to be in the range of
a few ohms: right up against the uncertainty of the instrument.

But if he can bond a fender to the hood and see a 15 ohm reduction in
loss resistance, I admit to raising a non-issue. ;-) You and I are
simply expecting different performance results from the incremental
grounding and bonding.

Absolute accuracy is unimportant in this application.

73,
Chuck

----== Posted via Newsfeeds.Com - Unlimited-Unrestricted-Secure Usenet News==----
http://www.newsfeeds.com The #1 Newsgroup Service in the World! 120,000+ Newsgroups
----= East and West-Coast Server Farms - Total Privacy via Encryption =----

4512. Re: Code Free--CDC had no official part in the statement

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 19:20:32 UTC
From: Bryan <bryan.swadenerNOSPAM@comcast.net>
Message-ID: <n4WdnQA3II8K8QjYnZ2dnUVZ_qisnZ2d@giganews.com>
Source record: 47436

Steven wrote:
> If there's anything other than politics and Morse code to argue about,
> especially in RRAP, it must be all the disgusting garbage offered by
> the resident lunatics and the 45-year long rant that would even turn
> the stomachs of the gay people they malign.
>
> Certainly you have a thread about the best new gear that became
> available this year or the best influence on the hobby.
>
> At least I cannot get these "posters" if I read a printed radio
> magazine.
>

It was crossposted with rec.radio.amateur.policy.
Whether you agree with it or not, there's nothing like an OT post to give
credibility (not) to the poster.
This comment was posted *separately* to the two NGs.
Bryan WA7PRC

4513. Re: Code Free "It's part of the dumbing down of America,"

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 19:30:52 UTC
From: Mark@kb9rqz.aprs
Message-ID: <i6rap2tt4g9tj6g1ilb85ror1b1qc6d11q@4ax.com>
Source record: 47437
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

On 29 Dec 2006 18:39:22 +0100, "Alun L. Palmer" <elektros@yahoo.com>
wrote:

>Mike Coslo <mcoslo@comcast.net> wrote in
>news:Xns98A6EF708503mcoslocomcastnet@216.196.97.136:
>
>> "merlin-7" <merlin-7@sc.rr.com> wrote in
>> news:45932260$0$5252$4c368faf@roadrunner.com:
>>
>>> Odd thing that happend in the uk after code was dropped...code useage
>>> went up...
>>> Joe
>>>
>>> "Stefan Wolfe" <stefan@eml.com> wrote in message
>>> news:4592a9b6$0$18077$4c368faf@roadrunner.com...
>>>> SAN FRANCISCO: It may be the ultimate SOS.
>>>>
>>>> Morse Code is in distress.
>>>> ......
>>>> ......
>>>> While the decision had been expected, some ham radio operators fear
>>>> that their exclusive club has been opened to the unwashed masses
>>>> - and that the very survival of Morse Code is in question.
>>>> ......
>>>> The demise of the Morse requirement, however, could be a boon for ham
>>>> radio itself. After the FCC decision, demand for information
>>>> about radio licenses surged from about 200 in a typical weekend to
>>>> about 500, according to the American Radio Relay League, an
>>>> organization representing ham radio operators.
>>>> ......
>>>> "It's part of the dumbing down of America," said Nancy Kott, editor
>>>> of
>>> World
>>
>> The whole quote was:
>>
>>
>>
>>> ï¿½Itï¿½s part of the dumbing down of America,ï¿½ said Nancy Kott, editor of
>>>World Radio magazine and a field representative for the Centers for
>>>Disease Control and Prevention in Metamora, Mich. ï¿½We live in a society
>>>today that wants something for nothing.ï¿½
>>

>> At what point is the potential Ham Dumb and wanting something
>> for
>> nothing?
>>
>> Was it when they lowered the requirement to 5 wpm for all
>> license
>> classes? Speaking of 5wpm, were all Novices dumb and looking for
>> something for nothing? And were Generals and advanced just dumb enough,
>> and just looking for something for almost nothing?
>>
>> I'm just about at the point of thinking that Morse CW use
>> *will*
>> increase after the test requirement goes away.
>>
>> I wonder what type of antennas the new dumb hams will use -
>> just to
>> bring this on topic, since it's crossposted to an rraa.
>>
>> - 73 de Mike KB3EIA
>>
>>
>>
>
>Sure it will. I long ago promised I would have a QSO using CW if the test
>was abolished. That's at least one additional QSO.

oh I will have plenty using CW just no morse involved
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4514. Re: How to measure RF Ground improvements - mobile

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 19:35:42 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <v8qap2hi3rek0c16r9m3fu6v1las2ju2ep@4ax.com>
Source record: 47438

On Fri, 29 Dec 2006 13:37:43 -0500, chuck <nospam@nospam.org> wrote:

>Absolute accuracy is unimportant in this application.

Hi Chuck,

Quite so, hence the last digit is merely resolution, and the resolution of 20 Ohms of loss against an Rr of 5 Ohms is easily resolvable, and its reduction is easily seen. Further, automatically assigning an error of 1 to the last digit presumes the underlying measurement hasn't been rounded up from a smaller range of error. Given the product is MFJ, it is hard to credit it with that kind of craftsmanship. However, even with a 1 digit error (which has been presumed to be quantization error), it will always be inherent in any Relative reading. If 20 Ohms reading is actually 19 to 21 Ohms of loss (irrespective of absolute accuracy), then driving out 1 Ohm of loss will actually be 18 to 20 Ohms exhibited as 19 Ohms. The only problem here is that you may have to drive out slightly more than 1 Ohm to kick the reading down to 19.

If you cannot drive out more than 1 Ohm of loss out of 20, then there's no point in trying, is there?

Dennis,

If you've followed the discussion thus far, you can well expect that the SWR will climb as you drive out loss. This means you need to anticipate matching to something like a 5 Ohm load (in all likelihood, as described here, it will be higher). Drive out the reactance and use a 9:1 UnUn. Beware that such an UnUn will require 16 Ohm transmission line (if it was all that easy, everyone would have stopped posting similar problems like this long ago).

73's
Richard Clark, KB7QHC

4515. Re: Why doesn't the FCC put the bands to a better use ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 19:49:09 UTC
From: Bill Turner <noway@nowhow.com>
Message-ID: <j7sap2d7n1daooie4mpebk5tv11l2or9p6@4ax.com>
Source record: 47439

Please folks, do not reply to these posts which have nothing to do
with the purpose of this newsgroup, which is antennas.

If these clueless bozos never get any replies, they will eventually
learn to post to the correct newsgroup, in this case
rec.radio.amateur.policy.

Thanks,

Bill, W6WRT

4516. Re: Delta Loop Ideas Please

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 20:09:23 UTC
From: "n3ox.dan@gmail.com" <n3ox.dan@gmail.com>
Message-ID: <1167422963.017944.171170@n51g2000cwc.googlegroups.com>
Source record: 47440

> Much in the same way that parallel dipoles can be fed with a common feeder,
> can 5 delta loops be fed via coax matching stubs with a common 50R feeder?
> (i.e. bring the ends of the matching stubs together?).

Not necessarily no, but I think it will give you a headache. If you
don't have antenna modeling software on your side, you're going to have
to do it experimentally and you're probably not going to get much help
on the internet. You might consider going with full-wave rectangles
that are twice as high as they are wide. They don't need any matching
stubs; they're 50 ohms to start with.

There will be big interaction among any 5-HF-band loops at any rate.

You might do better with switching all five feedlines with a remote
coax switch of some description.

73,
Dan

4517. Re: QRA? QCX?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 20:11:46 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1167423106.358534.127200@k21g2000cwa.googlegroups.com>
Source record: 47441

Heh Bill How about you making a list of people that you talk to that we can't?
With your advance age it would be better if you wrote things down before you expire.
We are all enjoying this treat of showing to thw world what ham radio is like in America,
You have to be for us or against us as for the latter bring them on America can do anything
it chooses to do wel let us say that a bit different America will do what ever our president tells us to do. Now thats much better Are you enjoying all that money we took out of the economy Bill before we sent the work overseas. I got to see a lot of different places while doing that but we have still a long way to go before we can get the wages down in this worls economy. Amnericans just have to learn to eat just twice a day and work harder if they are going to compete. If they don't we will bring into the Country who are willing to do those jobs that Americans wont do. And dont send your kids to college where they get loaded up in debt, the big companies here are bringing in so many Indians the next cricket test match is going to be played in the mid West. There will be a small section left for the poor to stand and watch. State Farm is making a fortune here and the economy they say couldn't be better. They gained several billions this year by not paying out on disasters or replacing auto bodies made cheaply overseas. It is a non profit corporation which means all excess goes to the big superviser who hit on the idea of bringing in ofshore help.
Only in America where the belligerent and the greedy always win
Art

Bill Turner wrote:
> Please folks, do not reply to these posts which have nothing to do
> with the purpose of this newsgroup.
>
> If these people never get any replies, they will eventually learn to
> post to the correct newsgroup.
>
> Thanks,
>
> Bill, W6WRT

4518. Re: steve veraion of christmas cheer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 20:12:40 UTC
From: Andy the Perv Timberlake <andy_theperv_timberlake@yahoo.com>
Message-ID: <1167423160.709742.312830@s34g2000cwa.googlegroups.com>
Source record: 47442
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

Mark@kb9rqz.aprs wrote:
> On 26 Dec 2006 09:35:32 -0800, "Andy the Perv Timberlake"
> <andy_theperv_timberlake@yahoo.com> wrote:
>
> >
> >Mark@kb9rqz.aprs wrote:
> >> On 17 Dec 2006 12:36:02 -0800, "Not Cocksucker Lloyd"
> >> <not_time_turd_lloyd@yahoo.com> wrote:
> >>
> >> >
> >> >Mark@kb9rqz.aprs wrote:
> >> >> On 17 Dec 2006 07:42:28 -0800, "K4YZ" <stevenrobeson@aol.com>
> >> >> wrote:Re: "Mark C Morgan" Is What Happens When The Short Yellow Bus
> >> >> Takes A Detour
> >> >>
> >> >>
> >> >> stop being such absolute horror of a human being
> >> >>
> >> >> you have admited you post this way becuase it entertains like you were
> >> >> posting at one the RAPE was funny too
> >> >
> >> >You are the one who claimed to enjoy being raped, Marqueer.
> >>
> >> lying again woger
> >
> >You admitted it on here.
>
> no woger

Yes, you have a woger in your mouth sucking on it.

> >
> >> >
> >> >BTW, what happened to your statement that if they drop the code you
> >> >were out of here for good? Looks like you lied again!
> >>
> >> woger I said I would leave when I could sign kb9rqz/ae
> >
> >Nope you siad you'd leave once they dropped the code requirement.
>
> stop lying woger

You said it, fatboy.

> >
> >> can't do that yet
> >
> >You'll never be able to do it, retard.
>
> saure I will be able to sign kb9rqz/ae soon enough mostly a matter of
> finding a test sesion I can easily get to the weather is runing cold
> and snow/icey

Nope, you couldn't do it before, you can't do it now.

> >
> >> but you can't tell the truth
> >
> >Oh, the irony.
>
> you can't tell the truth that is why you spread Steve version of
> christmass cheer

Better than you spreading your Aids this xmas.

> becuase you can't even invent your own lies you need someone to do it
> for you

Nobody has to invent them, they only have to repeat the ones you've
posted. There are morre than enough to go around.

4519. Re: steve veraion of christmas cheer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 20:14:09 UTC
From: Andy the Perv Timberlake <andy_theperv_timberlake@yahoo.com>
Message-ID: <1167423249.278482.176490@h40g2000cwb.googlegroups.com>
Source record: 47443
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

```
an old friendless child molester wrote:
> Not Cocksucker Lloyd wrote:
> > Mark@kb9rqz.aprs wrote:
> > > On 26 Dec 2006 09:35:32 -0800, "Andy the Perv Timberlake"
>
> > > becuase you can't even invent your own lies you need someone to do it
> > > for you
> >
> > No, anybody could out-wit you, Markie.
> funny how you can't seem to manage woger

Funny, Nobody seems *not* to outwit you, Morkie the queer retard.
```

4520. Re: i punce in agin on hloiday

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 20:26:19 UTC
From: Andy the Perv Timberlake <andy_theperv_timberlake@yahoo.com>
Message-ID: <1167423979.491618.224120@n51g2000cwc.googlegroups.com>
Source record: 47444
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.cb,alt.usenet.kooks

```
The Secretary of HomIiness whined like a cunt:
> On Wed, 27 Dec 2006 06:28:12 -0800, Not Cocksucker Lloyd k'lamed:
> > TransWench wrote:
> >> I was busily flonking away in AUK, when The Goddess Eris Herself
> >> suddenly made me reply to Andy the Perv Timberlake:
> >> > The Demon Princess of Obtusity blathered in a syphilitic rage:
> >> >> On Mon, 25 Dec 2006 12:30:45 -0500, Wabbit, posting as
> >> >> Mark@kb9rqz.aspr, did the cha-cha, and screamed:
> >> >>
> >> >> > ok I back four anoter tuff day on the news grupes it my job tast
> >> >> > is waht I
> >> >> > do so bringit on you loosers
> >> >> > show-na-to-va (that is the greeting for this time of year as JEW
> >> >> > rendered
> >> >> > phonicticaly)
> >> >> > happy new years it means and it can be better one if Wismen Robson
> >> >> > and SC a few just decided to not to be as hateful with the punce
> >> >> > gotcha he wonders why I simple don't bother to ty impoving my
> >> >> > spelling do u hav anyting
> >> >> > cognet two say?
> >> >>
> >> >> Yes. I do hope the FNVW remembers Wabbit for the Edmond Wollmann
> >> >> Memorial Rubber Xmas Turkey. Chung shouldn't always get it.
> >> >
> >> > Just like you hope to remember how your daddy gives you your xmas
> >> > present from behind without K-Y and pressing down on your zit filled
> >> > back, no doubt.
> >>
> >> Nice fantasy you have there. Did you come up with it yourself, or did
> >> you have to steal it?
> >
> > Nice admission that it is true.
>
> "Fantasy" = "admission that it's true"? You have an interesting view of
> truth.

So do you, you seem to think your lies are the truth.
```

4521. Re: steve veraion of christmas cheer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 20:27:04 UTC
From: Andy the Perv Timberlake <andy_theperv_timberlake@yahoo.com>
Message-ID: <1167424024.870539.30610@s34g2000cwa.googlegroups.com>
Source record: 47445
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.cb

```
Mark@kb9rqz.aprs wrote:
> On 27 Dec 2006 06:29:15 -0800, "Not Cocksucker Lloyd"
> <not_time_turd_lloyd@yahoo.com> wrote:
>
> >
> >Mark@kb9rqz.aprs wrote:
> >> On 26 Dec 2006 09:38:29 -0800, "Andy the Perv Timberlake"
> >> <andy_theperv_timberlake@yahoo.com> wrote:
> >>
> >> >
> >> >Mark@kb9rqz.aprs wrote:
> >> >> On 26 Dec 2006 09:27:40 -0800, "Andy the Perv Timberlake"
> >> >> <andy_theperv_timberlake@yahoo.com> wrote:
> >> >>
> >> >> >The Demon Princess of Obtusity blathered in a syphilitic rage:
> >> >> >> On Mon, 25 Dec 2006 12:30:45 -0500, Wabbit, posting as Mark@kb9rqz.aspr,
> >> >> >> did the cha-cha, and screamed:
> >> >> >>
> >> >> >> > ok I back four anoter tuff day on the news grupes it my job tast is waht
> >> >> >> > I
> >> >> >> > do so bringit on you loosers
> >> >> >> > show-na-to-va (that is the greeting for this time of year as JEW
> >> >> >> > rendered
> >> >> >> > phonicticaly)
> >> >> >> > happy new years it means and it can be better one if Wismen Robson and SC
> >> >> >> > a few just decided to not to be as hateful with the punce gotcha he
> >> >> >> > wonders why I simple don't bother to ty impoving my spelling do u hav
> >> >> >> > anyting
> >> >> >> > cognet two say?
> >> >> >>
> >> >> >> Yes. I do hope the FNVW remembers Wabbit for the Edmond Wollmann
> >> >> >> Memorial Rubber Xmas Turkey. Chung shouldn't always get it.
> >> >> >
> >> >> >Just like you hope to remember how your daddy gives you your xmas
> >> >> >present from behind without K-Y and pressing down on your zit filled
> >> >> >back, no doubt.
> >> >> stick to Hal tuner he might be dumb enough for you to tackle
> >> >
> >> >What's a "Hal tuner?" Is that what they used on the computer in 2001: A
> >> >Space Odyssey, you fucking illiterate faggot?
> >>
> >> you know
> >
```

> >No, nobody can read your gibbering, retarded monkey.
>
> worng again woger

Right again and thanks for proving it, dumbass.

4522. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 20:28:22 UTC
From: Stefan Wolfe <stefan@eml.com>
Message-ID: <45957a67$0$16963$4c368faf@roadrunner.com>
Source record: 47446
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

"merlin-7" <merlin-7@sc.rr.com> wrote in message
news:45932260$0$5252$4c368faf@roadrunner.com...
> Odd thing that happend in the uk after code was dropped...code useage went
> up...
> Joe

A rather odd statement.

How does one measure "code usage"?

It went "up" compared to what?

It went "up" according to one observer who somehow could simultaneously monitor all bands everywhere in the UK? Do you also count the code usage of DX stations communicating with all UK hams or do you only count the UK side of the QSO's? What was the actual amount of code usage prior to and then after the elimination of the requirement? How do you express a unit of code usage? (dits + dahs)/sec/Hz * unit time?

4523. Re: How to measure RF Ground improvements - mobile

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 20:35:41 UTC
From: k1drw <k1drw@comcast.net>
Message-ID: <1167424541.040300.47160@a3g2000cwd.googlegroups.com>
Source record: 47447

Richard Clark wrote:
Drive out the reactance and > use a 9:1 UnUn.

Thanks Richard, yes I am following the replies. I do have a W2FMI
UNUN with 8 different options, 1 of which is a 9:1 (50ohm to 5.56ohm)
connection.

Many thanks guys...!!!

73, Dennis, K1DRW

4524. Re: Better use of electric supply lines

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 20:36:44 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1167424604.022252.60270@s34g2000cwa.googlegroups.com>
Source record: 47448

I have lived in the U.S. most of my life ofcourse I would grow to be part of American life. You are either with us or against us. If you don'/t love us then we will set Israel upon you The All Gaze prison is still locked in but we can get you a free pass. Bethlehem well that is cut off to by the Israelis as they have no interest in the INN coming it to use again The constitution says we have the right to pursue happines and as the president says that doesn't give you the right to obtain it and he is pretty true to his word. Im glad ham radio has deserted the airways to get on the net so that we meet every day people in the World and tell them how things are going to be ,or else!

Gumby wrote:
> looks like the govt has already used your power lines
> to control your brain and mind. they have removed the free will
> you once had that made you an individual.
>
> you have been assimilated, are part of the collective hive.

4525. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 20:43:27 UTC
From: Stefan Wolfe <stefan@eml.com>
Message-ID: <45957df1$0$16950$4c368faf@roadrunner.com>
Source record: 47449
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

<LenAnderson@ieee.org> wrote in message
news:1167376030.940664.190150@a3g2000cwd.googlegroups.com...
> From: hot-ham-and-che...@hotmail.com on Thurs, Dec 28 2006 6:04 pm
>
>>hot-ham-and-che...@hotmail.com wrote:
>>> Stefan Wolfe wrote:
>>
>>> QRZ Search Results: There are 0 records matching +Stefan* +Wolfe*
>>
>>I guess no one cares that Stefan come on here bitchin and moaning and
>>crying about the "dumbing down" of USA amateur radio, and he has no
>>apparent license.
>>
>>How easily everyone gets fooled by these trolls.
>
> Maybe he got his given name spelled wrong? Like "Steppin Wolfe?"
> :-)
> Maybe this Stefan is really Mikey Deignan trying to get some new
> Club Calls to replace the ones taken away from him? :-)
>
> [the "KH6" is now a resident of Bedford, MA...no longer having a
> PO box in Hawaii courtesy of Jeff Herman]
>
> Hmmm...whatever happened to Eric June, the self-appointed
> president and director of "Know Code International?" :-)

Hey Len, you've been flaming code on these groups since at least 1996...I can still remember when you got on the rec.radio groups the first time. Somehow, as a brilliant electronics engineer you were never able to master the skill of sending and receiving letters represented as dits and dahs and this kept you off HF...but you always had vastly superior academic skills in the field of RF that fact seemed to make the skill of simple Morse communication seem so irrelevant in today's modern world.

Now you no longer need that skill and the doors have swung open. Does that mean you will make yourself and your brilliant mind available to the unwashed masses of hams who only know how to pound keys? Will you now be getting your extra class and dazzling us with new ideas and inventions that will forever modernize the amateur modes, you know, the sort of achievements you always said would be possible if only they got rid of that nasty Morse test?

We will all be waiting Len.

4526. Re: [Off Topic] QRA? QCX?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 21:45:29 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <ZtOdnVtIn9HmEQjYnZ2dnUVZ_oSnnZ2d@bright.net>
Source record: 47450

Can I have both? ;) Well, around here (the Chippewa Valley area) in WI we all use horizontal on all bands from 6M and up. Actually, I was just thinking about an Alford slot in the mobile since it is supposedly fairly omnidirectional and horizontally polarized. Seemed it might be OK for driving around and listening for my beacon or maybe an operator or two if they also were using an omni horizontal antenna. There are several of us on 902 within about 15 miles of each other...

I'll check out the inverted F on the website you cite. I'm guessing it will be similar to the innards of blade antennas made for the VHF/UHF aviation bands...

Scott
N0EDV

Richard Clark wrote:

>
> Hi Scott?
>
> What is that you want decent mobile operation, or decent horizontal
> pattern? At 902MHz is there much call for horizontal? Especially in
> a mobile?
>
> Consider the Inverted F at:
> http://www.qsl.net/kb7qhc/antenna/Inverted%20F/index.htm
>
> 73's
> Richard Clark, KB7QHC

4527. Re: Why doesn't the FCC put the bands to a better use ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 22:40:30 UTC
From: art <aunwin@insightbb.com>
Message-ID: <1167432030.513372.161050@48g2000cwx.googlegroups.com>
Source record: 47451

Yup, you have to have a gun for when the balloon goes up but shouldn't
you get an automatic?
If you live in a city it may be a mob coming for you instead of just
one person. It is not like hunting you know when you shoot at an animal
running away, when it happens it is a finality
you either get them or your wife gets the life insurance, in a way you
can't lose.and the other guy has to deal with what is left. Had a guy
come over one time and wanted to know why there was a light on my
tower, after I told him it was set up with a 28 day recorder which
wasn't in the house we never saw him again. It is imperitive that you
leave a record of the goings on around your home it only costs peanuts
and the number of deaths by violence is going up. You can't be to
carefull in America these days and besides we may have a revolution and
anybody with money gets Madame Guillotine. Isnt that the American way
when mayhem breaks out the first looter gets first choice
Art

Scott wrote:
> Whoa! Just because YOU don't use the radio doesn't mean the rest of us
> don't! What's the need to give these frequencies up for home security?
> Ham licenses are a privilege, not a right...they CAN be taken away and
> then they would be gone forever. Home security can better be effected
> with a gun and owning a gun IS a right, which they can't take away
> (although they ARE trying). I prefer Ruger, Remington and Smith &
> Wesson home security systems.
>
> Scott
> N0EDV
>
> PS...According to qrz.com, you're ham license is about to expire (and
> you appear to be one of those "old guys" you mention. Are you about to
> expire as well?
>
>
> art wrote:
>
> > Ham radio has really lost out on its usefullness to the Country. There
> > are more CB radios in the country than radio sets and truck drivers are
> > sure a better resource than ham radio running around with walky
> > talkies.. We used to be on the cusp of radio but now we are in a throw
> > away economy and very few hams know how to use a soldering iron.
> > Wouldnt the frequencies be of better use to Home Security rather than
> > advertising to the World what americans will do to those who are
> > against us?

> > Listen to the radio now, nobody is using it and we are crying to the
> > FCC but for what ?
> > Ham radio died when the net was formed and hams moved to newsgroups
> > where they can argue better than they did on their own special
> > frequencies.. We sure as heck don't need a newsgroup for antennas until
> > the old guys die off and even then we have books with everything has
> > now been written down. Seems like we are going back to the old days
> > where the old timers couldn't accept
> > cbers as being upto par with respect to radio knoweledge. In ten years
> > all the old fogies will die off
> > and the World will move on without a mistep. Hams have over estimated
> > their abilitiues and worth
> > to the Country and it is time we let go
> >
> > Art KB9MZ
> >

4528. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 22:51:21 UTC
From: merlin-7 <merlin-7@sc.rr.com>
Message-ID: <45959c21$0$27054$4c368faf@roadrunner.com>
Source record: 47452
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

Just one note...I passed my code test and have not used it since. I am not saying that I will never use it. I just have not had any interest in it yet. Does it make me a better ham haveing passed code?

Joe

4529. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 23:03:59 UTC
From: Dee Flint <deeflint01@comcast.net>
Message-ID: <cI2dnZq9Oe9tAwjYnZ2dnUVZ_sudnZ2d@comcast.com>
Source record: 47453
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

"merlin-7" <merlin-7@sc.rr.com> wrote in message
news:45959c21$0$27054$4c368faf@roadrunner.com...
> Just one note...I passed my code test and have not used it since. I am not
> saying that I will never use it. I just have not had any interest in it
> yet.
> Does it make me a better ham haveing passed code?
>
> Joe

Perhaps in some ways. Keep in mind that in having passed it, you now know that you are able to learn this. Therefore should you wish to go further with this aspect of amateur radio in the future, you will have the confidence to tackle it and get it into usable shape. This gives you a great advantage over those that listened to the bull about it being "too hard" and thus were afraid to try and will probably continue to be afraid to try.

Dee, N8UZE

4530. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 23:22:00 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1167434520.750400.141660@v33g2000cwv.googlegroups.com>
Source record: 47454
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

Stefan Wolfe wrote:
> <LenAnderson@ieee.org> wrote in message
> news:1167376030.940664.190150@a3g2000cwd.googlegroups.com...
> > From: hot-ham-and-che...@hotmail.com on Thurs, Dec 28 2006 6:04 pm
> >
> >>hot-ham-and-che...@hotmail.com wrote:
> >>> Stefan Wolfe wrote:
> >>
> >>> QRZ Search Results: There are 0 records matching +Stefan* +Wolfe*
> >>
> >>I guess no one cares that Stefan come on here bitchin and moaning and
> >>crying about the "dumbing down" of USA amateur radio, and he has no
> >>apparent license.
> >>
> >>How easily everyone gets fooled by these trolls.
> >
> > Maybe he got his given name spelled wrong? Like "Steppin Wolfe?"
> > :-)
> > Maybe this Stefan is really Mikey Deignan trying to get some new
> > Club Calls to replace the ones taken away from him? :-)
> >
> > [the "KH6" is now a resident of Bedford, MA...no longer having a
> > PO box in Hawaii courtesy of Jeff Herman]
> >
> > Hmmm...whatever happened to Eric June, the self-appointed
> > president and director of "Know Code International?" :-)
>
> Hey Len, you've been flaming code on these groups since at least 1996...I
> can still remember when you got on the rec.radio groups the first time.

No you can't. There was no Stefan Wolfe here in 1996. And there is no
amateur radio license issued to Stefan Wolfe.

> Somehow, as a brilliant electronics engineer you were never able to master
> the skill of sending and receiving letters represented as dits and dahs and
> this kept you off HF...

Is that what's been keeping you off of HF? No license is issued to
Stefan Wolfe.

Odd, but Len has been on HF through SHF. All without code.

> but you always had vastly superior academic skills
> in the field of RF that fact seemed to make the skill of simple Morse
> communication seem so irrelevant in today's modern world.

Len's knowledge of RF had nothing to do with it (sorry Len). Morse
Code became irrelevant all by itself.

> Now you no longer need that skill and the doors have swung open. Does that
> mean you will make yourself and your brilliant mind available to the
> unwashed masses of hams

There are no unwashed masses of hams. Maybe there are a few
individuals at hamfests that might pay more attention to personal
hygeine, but no masses.

> who only know how to pound keys?

Welp, there are a bunch who know how to pound their chests. That's
what the ARRL VP was saying when K4YZ attacked me.

> Will you now be
> getting your extra class and dazzling us with new ideas and inventions that
> will forever modernize the amateur modes, you know, the sort of achievements
> you always said would be possible if only they got rid of that nasty Morse
> test?

How about if he does as much innovating as has N2EY, W3RV, K0HB, K8MN,
and K4YZ.

Hmmm? Did I leave Cecil off the list on purpose?

> We will all be waiting Len.

We? You are trolls?

4531. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 23:26:50 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1167434810.309873.74570@k21g2000cwa.googlegroups.com>
Source record: 47455
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

merlin-7 wrote:
> Just one note...I passed my code test and have not used it since. I am not
> saying that I will never use it. I just have not had any interest in it yet.
> Does it make me a better ham haveing passed code?
>
> Joe

Joe, it doesn't. There are lots of 20WPM Code-Tape Extras - who've
never had a single CW contact in their lives and never will. If a ham
must be judged, judge him or her on their conduct and value that they
add to the service.

4532. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-29 23:29:44 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1167434984.758799.230530@a3g2000cwd.googlegroups.com>
Source record: 47456
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

Dee Flint wrote:
> "merlin-7" <merlin-7@sc.rr.com> wrote in message
> news:45959c21$0$27054$4c368faf@roadrunner.com...
> > Just one note...I passed my code test and have not used it since. I am not
> > saying that I will never use it. I just have not had any interest in it
> > yet.
> > Does it make me a better ham haveing passed code?
> >
> > Joe
>
> Perhaps in some ways. Keep in mind that in having passed it, you now know
> that you are able to learn this. Therefore should you wish to go further
> with this aspect of amateur radio in the future, you will have the
> confidence to tackle it and get it into usable shape. This gives you a
> great advantage over those that listened to the bull about it being "too
> hard" and thus were afraid to try and will probably continue to be afraid to
> try.
>
> Dee, N8UZE

Then there's always the "bull" of people who learned it with difficulty.

4533. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 01:12:16 UTC
From: Stefan Wolfe <stefan@eml.com>
Message-ID: <4595bcf4$0$5290$4c368faf@roadrunner.com>
Source record: 47457
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

"merlin-7" <merlin-7@sc.rr.com> wrote in message
news:45959c21$0$27054$4c368faf@roadrunner.com...

> Does it make me a better ham haveing passed code?

Of course, your question is rhetorical and nobody knows if you are a good amateur, or a bad one, or what it might take to make you a better one.. Your might be a 75m late night quarmer or you might have provided significant radio communications for rescuers during the San Farncisco earthquake. Who knows?

Passing the code test used to simply increase one's qualifications; it obviously did not in itself make one a better practitioner of the service. Now ,of course, passing code has no meaning at all; it is similar to Cecil Moore having passed the mensa test.

Did passing mensa make Cecil a better engineer?

4534. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 01:52:39 UTC
From: "LenAnderson@ieee.org" <LenAnderson@ieee.org>
Message-ID: <1167443559.911425.19080@48g2000cwx.googlegroups.com>
Source record: 47458
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

From: hot-ham-and-che...@hotmail.com on Fri, Dec 29 2006 4:44 am

>LenAnder...@ieee.org wrote:
>> From: hot-ham-and-che...@hotmail.com on Thurs, Dec 28 2006 6:04 pm
>> >hot-ham-and-che...@hotmail.com wrote:
>> >> Stefan Wolfe wrote:

>> >> QRZ Search Results: There are 0 records matching +Stefan* +Wolfe*
>
>> >I guess no one cares that Stefan come on here bitchin and moaning and
>> >crying about the "dumbing down" of USA amateur radio, and he has no
>> >apparent license.
>
>> >How easily everyone gets fooled by these trolls.
>
>> Maybe he got his given name spelled wrong? Like "Steppin Wolfe?"
>> :-)
>
>Very psychodelic. Don't get rug burns from the magic carpet ride.

Very psycho if you ask me... :-)

>> >> > SAN FRANCISCO: It may be the ultimate SOS.
>
>> >> > Morse Code is in distress.
>> >> > ......
>> >> > ......
>> >> > While the decision had been expected, some ham radio operators fear that
>> >> > their exclusive club has been opened to the unwashed masses
>> >> > - and that the very survival of Morse Code is in question.
>> >> > ......
>> >> > The demise of the Morse requirement, however,
>
>> >> There has never been any "Morse Requirement." No particular mode is
>> >> mandated.
>
>> >That's right. And there's no requirement to get on the air once you do
>> >have a license.
>
>> Horrors! Isn't Ham Radio ALL about "working DX on HF with CW?"
>
>That's correct. Anything less than than just makes for a lesser ham.

Heh heh...durn near half of all US hams are "lesser" in that
case! ["lesser" in the eyes of the coded Elite...:-)]

>> Why...why...why one HAS to "get on the air" and "work" someone
>> by morsemanship! "Rite of passage" or some other BS myth...
>
>> One just "cannot" be a "ham" without "working someone with CW!"
>
>> :-)
>
>"Hams of a Lesser God."

Obviously not of the Ruling Elite of the Acolytes of Hiram... :-)

>> >> > could be a boon for ham radio
>> >> > itself. After the FCC decision, demand for information
>> >> > about radio licenses surged from about 200 in a typical weekend to about
>> >> > 500, according to the American Radio Relay League, an
>> >> > organization representing ham radio operators.
>> >> > ......
>> >> > "It's part of the dumbing down of America," said Nancy Kott, editor of World
>> >> > Radio magazine
>
>> >> I suspect that Nancy is actually that grouchy Sterba, Kurt N.
>
>> >I dunno. Kurt might be anybody.
>
>> Kurt Weil? Sterba, Kurtain? :-)
>
>> [author-composer of musical "Cabaret" and a famous old wire
>> antenna of large dimensions once used by the pros...]
>
>A cranky (OM) who writes antenna books at World Radio.

Heh, heh, riiiight...he would be over 100 years then, no wonder
he would be cranky.

>> >> > and a field representative for the
>> >> > Centers for Disease of Control and Prevention in Metamora, Michigan.
>
>> >> I thought the CDC was in Atlanta and World Radio was in 6-land?
>
>> >You're right.
>
>> Gosh, I thought "CDC" stood for Control Data Corporation...
>
>Isn't Control Data defunct?

Only the Logo. With the corporations purchasing other corporations
in the electronics industry (as a whole), it has been difficult
keeping up with the new names in three decades. [it's been worse
in the microwave portion of the industry...]

However, hams who get their ONLY 'radio news' from ARRL wouldn't
know about such things. <shrug>

>> >> > "We live in a society today that wants something for nothing."
>
>> >> The written exams are "nothing?"
>
>> >That's exactly right. That's why it was so important to keep the Morse
>> >Code exam, because the written exams are nothing.
>
>> Riiiiight...the ultimate, the ne plus ultra of "radio
>> operating" is sending-receiving morse code. :-)
>
>> Like ANY other radio service ever uses it nowadays for
>> communications...<guffaw>
>
>Well, well, well....

Among the stodgy old morsemen, the mythos of morse is still
alive.

>> >> > A female in a mostly male radio world, Kott is one of about 660,000 licensed
>> >> > ham operators in the United States
>
>> >> Another "first."
>
>> >Well, I dunno.
>
>> Nancy Kott is caught up in a "Nancy Kause" of Doing Something
>> To Preserve The Glory and Honor of Morsemanship."
>
>A Priestess in the Church of St. Hiram?

A Sister, a Nun of the Above...[of the Code Cloister]

>> That "Kause" is doomed...
>
>Maybe not doomed...

Maybe she's a Sara Jane Moore wannabe? A Lynette Frome wanabe?

[attempted assassins of Gerald Ford...]

>> >> > and is the U.S.
>> >> > leader of Fists CW Club, an organization that calls itself the International
>> >> > Morse Preservation Society.
>
>> >> That would make it "IMPS." I thought it called itself "FISTS."
>
>> >I guess no one wants to be called an "Imps."
>
>> "FISTS" carries the emotional baggage of Virility, Strength,
>> Force, and is very Manly. :-)
>
>Hmmmm? I guess "IMPS" is "OUT."

Absolutely. In US ham radio all must be white male HETEROsexuals
who love honor and obey morse code.

>> Hmmm...that alone makes one wonder about Ms. Kott's motivation?
>
>> [now watch the response, Brian, Jimmie Noserve will be in here
>> with a "you're Wrong" and describe the origin of "FISTS" and
>> other assorted glories of morsemanship...as if He is the only
>> "smart" one and all no-coders are imbeciles]
>
>Yep. and FISTicuffS was there in WWII helping the effort.

Riiiight...except that IN WWII the bulk of military messaging
was done by TTY, not by manual morse code.

Jimmie Noserve no wanna say that but it was true...but then
Jimmie never ever did serve in any US military of any kind,
not even in the government.

>> >> > ... So true, Ms. Kott...
>
>> >> I'm not so easily convinced, Stefan.
>
>> >Maybe Stefan has some other words of wisdom?
>
>> Maybe that given name is a contraction of **** that hit the fan?
>
>> One can only wonder.
>
>> Maybe this Stefan is really Mikey Deignan trying to get some new
>> Club Calls to replace the ones taken away from him? :-)
>
>The RF Commandos are missing in action, but they still have a Club Call
>to come back to if they ever have another meeting.

Hot damn! "RF Commandos!" Force, strength, virility coming
out of every pore, J-38s at high port, conquering pileups at
every cue-so!

>> [the "KH6" is now a resident of Bedford, MA...no longer having a
>> PO box in Hawaii courtesy of Jeff Herman]
>
>People who glom up exotic callsigns having never been to the
>location...

"Book 'em, Danno!" :-)

>> Hmmm...whatever happened to Eric June, the self-appointed
>> president and director of "Know Code International?" :-)
>
>> LenAnder...@ieee.org
>
>I forgot all about him. And the other guy - Val Germann...

Google never forgets. Last night I did a quick copy of the
All-Time Posters on RRAP and here is what they had for 28
Dec 06:

K4YZ 11,945 [warrior of Seven Hostile Actions]
Cecil Moore 11,892
James Miccolis 8,836
Dick Carroll 7,091 [SK]
-me- 6,191
Eric June 5,434
David Heil 5,358
Ed Hare 5,253
Mark Morgan 4,633
James Rosenthal 4,286

Grand total of just the Top Ten: 73,919 posts!

Cecil has been in the newsgroup perhaps the longest, finally got
tired of it and went over to rec.radio.amateur.antenna. June,
Hare, and Rosenthal haven't been here for at least two years.
Major Dud finally grabbed more archive space than Cecil (which
was expected) even though he mainly talks about HIMSELF and his
mighty "military" service while personally insulting everyone
who dares disagree with him. :-)

73,
LenAnderson@ieee.org

4535. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 01:53:26 UTC
From: KH6HZ <kh6hzA@Tarrl.net>
Message-ID: <qEjlh.15924$9e.8727@newsfe20.lga>
Source record: 47459
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

"merlin-7" <merlin-7@sc.rr.com> wrote:

> Just one note...I passed my code test and have not used it since. I am not
> saying that I will never use it. I just have not had any interest in it
> yet.
> Does it make me a better ham haveing passed code?

I wouldn't say it makes you a better ham for having passed the code test.

I would say it makes you a better ham because you are now familiar with
another operating mode commonly in use in the amateur radio service.

Likewise, I would make the same statement -- it makes you a better ham --
regardless of the mode of operation -- CW, SSB, FM, AM -- you name it.

Why? As an amateur, experience with ANY mode of operation, IMO, makes you a
"better" ham.

73
KH6HZ

4536. Re: Attention Out-of-the-Box Thinkers...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 02:00:58 UTC
From: Wes <n7ws@yahoo.com>
Message-ID: <1167444057.948436.194500@n51g2000cwc.googlegroups.com>
Source record: 47461

Roy Lewallen wrote:
> The very latest models use just a pinch of unobtanium. The ACME material
> was mistakenly shipped to some place in the Arizona desert.
>
> Roy Lewallen, W7EL

Yes, but I discovered the ACME units in a dusty warehouse (is there another kind in AZ?) out at the DMAFB "boneyard" http://www.dm.af.mil/units/amarc.asp and bought them surplus for a song.

I'm putting them up on eBay at midnight on Dec 31. In exchange for keeping them safe, I gave one to my biker friend, "Tiny". He and some of his friends are out in the garage installing it on his Harley. He missed the Harley-Davidson 100th anniversary in Milwaukee in 2003 but he's planning to go back when the ACME drive is installed and tweaked.

In addition to the fact that the auction proceeds should allow me to take my jet down to my new retirement home on my own island in FO land, I'll be glad to see them go for another reason Since I brought them home the damn coyotes around here have been howling like paparazzi at a Brittney Spears Girls' Night Out party.

Wes N7WS

ps. Brittany used to own a pinch of unobtainium but I believe she peddled that on eBay too.

4537. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 02:01:52 UTC
From: John Smith I <assemblywizard@gmail.com>
Message-ID: <7Ljlh.28$jF6.41001@news.sisna.com>
Source record: 47460
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

LenAnderson@ieee.org wrote:
>
> Cecil has been in the newsgroup perhaps the longest, finally got
> tired of it and went over to rec.radio.amateur.antenna. June,
> Hare, and Rosenthal haven't been here for at least two years.
> Major Dud finally grabbed more archive space than Cecil (which
> was expected) even though he mainly talks about HIMSELF and his
> mighty "military" service while personally insulting everyone
> who dares disagree with him. :-)
>
> 73,
> LenAnderson@ieee.org
>

Sometimes I feel as though I should apologize for all hams, then I think
of Cecil and realize there may be others I don't have to be ashamed for
... thanks for reminding me.

JS

4538. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 02:13:18 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <2Xjlh.1181$ji1.690@newssvr12.news.prodigy.net>
Source record: 47462
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

LenAnderson@ieee.org wrote:
> Cecil has been in the newsgroup perhaps the longest, finally got
> tired of it and went over to rec.radio.amateur.antenna.

Actually, I was on both rrap and rraa. My
attitude has always been of a Libertarian
flavor - freedom of choice of modes in a
free market of modes.
--
73, Cecil http://www.w5dxp.com

4539. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 02:23:49 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1167445429.733845.76680@i12g2000cwa.googlegroups.com>
Source record: 47463
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

```
Cecil Moore wrote:
> LenAnderson@ieee.org wrote:
> > Cecil has been in the newsgroup perhaps the longest, finally got
> > tired of it and went over to rec.radio.amateur.antenna.
>
> Actually, I was on both rrap and rraa. My
> attitude has always been of a Libertarian
> flavor - freedom of choice of modes in a
> free market of modes.
> --
> 73, Cecil http://www.w5dxp.com

Soon, Cecil, soon.
```

4540. Re: Why doesn't the FCC put the bands to a better use ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 02:32:39 UTC
From: Gary KW4Z <kw4z@charter.net>
Message-ID: <C1BB39F7.169DB%kw4z@charter.net>
Source record: 47464

I too remember the criticism and skepticism thrown toward CB Radio, much maligned in many cases true in some, regarding the professionalism that they perceived was lacking. Whoa be to Ham Radio as the CB'ers upgrade and get a taste for something better. You are correct, or those that say, that CB'ers or many of them helped Ham Radio along as they would attempt to upgrade and improve their lot. Many Hams, some former CB'ers" granted exercise much less restraint and professionalism on Voice (75 meter bands) at times so we are just as guilty as the others we throw rocks at. I still do feel there is hope but like everything else it takes time, dedication, and being an example as well as having the desire to see it improve. Those "coffee break" gatherings were unique and in spirit at times the club meetings or Morning Get to gathers resemble a much smaller variant of the same. Truckers will always define CB as it's their business radio, and many find company with the other long haul drivers. Thankfully many a truck driver is also finding Ham Radio and many keep a rig in their trucks as well and provide yet another source of good operators. Sure there are some bad ones but that's the way it is everywhere (even in Churches). With the dropping of the Code requirement you never know how many, existing CB'ers' will upgrade and help us hold the frequencies that we have now. They ARE a priviledge and without a base to use them and using them it's increasingly easy for the FCC to look for commercialization of our bands. Thankfully most Commercialization is being done way above where most of us use but you can't write off anything, not to mention what others in the World Do.

On 12/29/06 10:03 AM, in article
1167404637.981655.66430@79g2000cws.googlegroups.com, "art"
<aunwin@insightbb.com> wrote:

> Yup Gary Ham radio is all..... could have..... should have... but
> really did nothing
>
> The old spirit carries on at morning coffee breaks. I remember when the
> club was over 100 strong and where people resented incomming CB ers who
> in actual fact kept ham radio alive even tho the old timers talked
> about wire antennas and making power supplies or a tuner where as the
> new comers just bought their stuff and accepted that all was known
> about antennas. Went to a ham fest last year and there was lots of
> people there at the beginning of the first day but by lunch time it was
> empty and some vendors were packing up. The old timers already had
> their equipment and there are no newcommers to buy unles it is computor
> related. Ham radio still thrives in other countries where the thro away
> economy has not taken a full hold but their repeaters show evidence of
> being taken over.
> This newsgroup is an excellent example of us old timers taking the
> hobby with us to our graves. It is ours, we made it what it is and this

> newsnet is its last gasp where pseudo experts try to keep their spirits
> up as father time works on schedule
> Art
>
>
>
>
>
> Gary KW4Z wrote:
>> I have to take exception with you on a few things, however I can see why you
>> would think the way you are, and it's a lot of our own doing and fault. I
>> still think Amateur Radio is very useful to the public and local
>> Governments. Today, many clubs, ARES, and RACES stations still assist State
>> Weather agencies with trained Weather spotters that during an alert respond
>> and set up weather nets on the VHF & UHF frequencies as well as driving
>> around to be a trained eye on what's going on. Amateur Radio operators
>> also, though much has broken down or been forgotten, are trained and many
>> participate in training at running an organized net. Several nets meet on
>> each frequency with State Level nets still assigned to 75 Meters although as
>> dormant as I have been I don't know that active status of them but I assume
>> them to be going as they are still a part of the National Traffic System.
>> Mostly useless, to most, they still give a Ham a structured net to observe
>> and that could be activated during disasters like Katrina where Hams can
>> transport repeaters into the area or work simplex from riding with police or
>> national guard. Health and Welfare traffic from hospital to hospital can
>> also take a load off FEMA or other agencies and attempt to locate relatives
>> that are at each hospital provided they get help from each hospital. During
>> Hurricane Season 20 meters is turned up for Tracking and Health and Welfare
>> messages.
>>
>> Like you said though much has died off and people don't seem to care much
>> more but the underlying network is there and Unlike CB we are trained (you
>> had to study theory, rules, and operating procedures) operators that at
>> least know how things should run. I think it could improve but with the
>> internet, newsgroups, online chat as well as Cell Phones everywhere Ham
>> Radio has sure taken a substantial Hit. I do think though it can and will
>> regain much of what you accurately see that it's lost.
>>
>>
>> On 12/29/06 12:05 AM, in article
>> 1167368745.539135.47700@73g2000cwn.googlegroups.com, "art"
>> <aunwin@insightbb.com> wrote:
>>
>>> Ham radio has really lost out on its usefullness to the Country. There
>>> are more CB radios in the country than radio sets and truck drivers are
>>> sure a better resource than ham radio running around with walky
>>> talkies.. We used to be on the cusp of radio but now we are in a throw
>>> away economy and very few hams know how to use a soldering iron.
>>> Wouldnt the frequencies be of better use to Home Security rather than
>>> advertising to the World what americans will do to those who are

>>> against us?
>>> Listen to the radio now, nobody is using it and we are crying to the
>>> FCC but for what ?
>>> Ham radio died when the net was formed and hams moved to newsgroups
>>> where they can argue better than they did on their own special
>>> frequencies.. We sure as heck don't need a newsgroup for antennas until
>>> the old guys die off and even then we have books with everything has
>>> now been written down. Seems like we are going back to the old days
>>> where the old timers couldn't accept
>>> cbers as being upto par with respect to radio knoweledge. In ten years
>>> all the old fogies will die off
>>> and the World will move on without a mistep. Hams have over estimated
>>> their abilitiues and worth
>>> to the Country and it is time we let go
>>>
>>> Art KB9MZ
>>>
>

4541. woger RRAPage

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 04:07:11 UTC
From: Mark@kb9rqz.aprs
Message-ID: <fepbp2d4kgaeakjde0rjge0dt8pcnvbhle@4ax.com>
Source record: 47465
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.cb,alt.usenet.kooks

```
On 29 Dec 2006 12:26:19 -0800, "Andy the Perv Timberlake"
<andy_theperv_timberlake@yahoo.com> wrote:

>
>The Secretary of HomIiness whined like a cunt:
>> On Wed, 27 Dec 2006 06:28:12 -0800, Not Cocksucker Lloyd k'lamed:
>> > TransWench wrote:
>> >> I was busily flonking away in AUK, when The Goddess Eris Herself
>> >> suddenly made me reply to Andy the Perv Timberlake:
>> >> > The Demon Princess of Obtusity blathered in a syphilitic rage:
>> >> >> On Mon, 25 Dec 2006 12:30:45 -0500, Wabbit, posting as
>> >> >> Mark@kb9rqz.aspr, did the cha-cha, and screamed:
>> >> >>
>> >> >> > ok I back four anoter tuff day on the news grupes it my job tast
>> >> >> > is waht I
>> >> >> > do so bringit on you loosers
>> >> >> > show-na-to-va (that is the greeting for this time of year as JEW
>> >> >> > rendered
>> >> >> > phonicticaly)
>> >> >> > happy new years it means and it can be better one if Wismen Robson
>> >> >> > and SC a few just decided to not to be as hateful with the punce
>> >> >> > gotcha he wonders why I simple don't bother to ty impoving my
>> >> >> > spelling do u hav anyting
>> >> >> > cognet two say?
>> >> >>
>> >> >> Yes. I do hope the FNVW remembers Wabbit for the Edmond Wollmann
>> >> >> Memorial Rubber Xmas Turkey. Chung shouldn't always get it.
>> >> >
>> >> > Just like you hope to remember how your daddy gives you your xmas
>> >> > present from behind without K-Y and pressing down on your zit filled
>> >> > back, no doubt.
>> >>
>> >> Nice fantasy you have there. Did you come up with it yourself, or did
>> >> you have to steal it?
>> >
>> > Nice admission that it is true.
>>
>> "Fantasy" = "admission that it's true"? You have an interesting view of
>> truth.
>
>So do you, you seem to think your lies are the truth.

no woger but unlike you he does think think fantasy is the same as
reality
```

http://kb9rqz.blogspot.com/

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Posted via a free Usenet account from http://www.teranews.com

4542. Re: steve veraion of christmas cheer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 04:10:09 UTC
From: Mark@kb9rqz.aprs
Message-ID: <9kpbp2h3k9gvl7g7v1fp5huch599uv64nu@4ax.com>
Source record: 47466
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.cb

```
On 29 Dec 2006 12:27:04 -0800, "Andy the Perv Timberlake"
<andy_theperv_timberlake@yahoo.com> wrote:

>
>Mark@kb9rqz.aprs wrote:
>> On 27 Dec 2006 06:29:15 -0800, "Not Cocksucker Lloyd"
>> <not_time_turd_lloyd@yahoo.com> wrote:
>>
>> >
>> >Mark@kb9rqz.aprs wrote:
>> >> On 26 Dec 2006 09:38:29 -0800, "Andy the Perv Timberlake"
>> >> <andy_theperv_timberlake@yahoo.com> wrote:
>> >>
>> >> >
>> >> >Mark@kb9rqz.aprs wrote:
>> >> >> On 26 Dec 2006 09:27:40 -0800, "Andy the Perv Timberlake"
>> >> >> <andy_theperv_timberlake@yahoo.com> wrote:
>> >> >>
>> >> >> >The Demon Princess of Obtusity blathered in a syphilitic rage:
>> >> >> >> On Mon, 25 Dec 2006 12:30:45 -0500, Wabbit, posting as Mark@kb9rqz.aspr,
>> >> >> >> did the cha-cha, and screamed:
>> >> >> >>
>> >> >> >> > ok I back four anoter tuff day on the news grupes it my job tast is waht
>> >> >> >> > I
>> >> >> >> > do so bringit on you loosers
>> >> >> >> > show-na-to-va (that is the greeting for this time of year as JEW
>> >> >> >> > rendered
>> >> >> >> > phonicticaly)
>> >> >> >> > happy new years it means and it can be better one if Wismen Robson and SC
>> >> >> >> > a few just decided to not to be as hateful with the punce gotcha he
>> >> >> >> > wonders why I simple don't bother to ty impoving my spelling do u hav
>> >> >> >> > anyting
>> >> >> >> > cognet two say?
>> >> >> >>
>> >> >> >> Yes. I do hope the FNVW remembers Wabbit for the Edmond Wollmann
>> >> >> >> Memorial Rubber Xmas Turkey. Chung shouldn't always get it.
>> >> >> >
>> >> >> >Just like you hope to remember how your daddy gives you your xmas
>> >> >> >present from behind without K-Y and pressing down on your zit filled
>> >> >> >back, no doubt.
>> >> >> stick to Hal tuner he might be dumb enough for you to tackle
>> >> >>
>> >> >What's a "Hal tuner?" Is that what they used on the computer in 2001: A
```

>> >> >Space Odyssey, you fucking illiterate faggot?
>> >>
>> >> you know
>> >
>> >No, nobody can read your gibbering, retarded monkey.
>>
>> worng again woger
>
>Right again and thanks for proving it, dumbass.

funny everybody that wants to want my work manges
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4543. Re: steve veraion of christmas cheer

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 04:10:34 UTC
From: Mark@kb9rqz.aprs
Message-ID: <blpbp2lg52rp7m1fro6230638sbil70r2a@4ax.com>
Source record: 47467
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

```
On 29 Dec 2006 12:14:09 -0800, "Andy the Perv Timberlake"
<andy_theperv_timberlake@yahoo.com> wrote:

>
>an old friendless child molester wrote:
>> Not Cocksucker Lloyd wrote:
>> > Mark@kb9rqz.aprs wrote:
>> > > On 26 Dec 2006 09:35:32 -0800, "Andy the Perv Timberlake"
>>
>> > > becuase you can't even invent your own lies you need someone to do it
>> > > for you
>> >
>> > No, anybody could out-wit you, Markie.
>> funny how you can't seem to manage woger
>
>Funny, Nobody seems *not* to outwit you, Morkie the queer retard.

you have never outwitte me or anybody woger
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com
```

4544. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 04:12:54 UTC
From: N2EY@AOL.COM
Message-ID: <1167451974.659306.269630@v33g2000cwv.googlegroups.com>
Source record: 47468
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

LenAnderson@ieee.org wrote:

(snip of wordy rant)

> Google never forgets.

Remember that...

> Last night I did a quick copy of the
> All-Time Posters on RRAP and here is what they had for 28
> Dec 06:
>
> -me- 6,191

No, Len, that number is way too low.

According to Google, your postings to rrap since 1997 are no less than:

846 as len.anderson@mogur.com
1230 as nocwtest@aol.com
10 as averyfine@aol.com
39 as averyfineman@aol.com
1204 as lenof21@aol.com
6210 as lenover21@aol.com
1454 as lenanderson@ieee.org

That's a grand total of no less than 10,993 postings to rrap, under no less than seven different screen names, all by you. There may be more - 10,993 is a minimum number.

Google never forgets.

If your ability to count *your own postings* results in a number that is so inaccurate, why should anyone trust your counts of other things?

If your ability to represent your own history of posting to rrap is so error-filled, why should anyone trust your recounting of other history?

4545. Re: Code Free "It's part of the dumbing down of America,"

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 04:16:01 UTC
From: Mark@kb9rqz.aprs
Message-ID: <5tpbp253if9t3774f0acmj85an5k2bsns6@4ax.com>
Source record: 47469
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

On 29 Dec 2006 17:52:39 -0800, "LenAnderson@ieee.org"
<LenAnderson@ieee.org> wrote:

>From: hot-ham-and-che...@hotmail.com on Fri, Dec 29 2006 4:44 am
>
>>LenAnder...@ieee.org wrote:
>>> From: hot-ham-and-che...@hotmail.com on Thurs, Dec 28 2006 6:04 pm
>>> >hot-ham-and-che...@hotmail.com wrote:
>>> >> Stefan Wolfe wrote:
>
>>> >> QRZ Search Results: There are 0 records matching +Stefan* +Wolfe*
>>
>>> >I guess no one cares that Stefan come on here bitchin and moaning and
>>> >crying about the "dumbing down" of USA amateur radio, and he has no
>>> >apparent license.
>>
>>> >How easily everyone gets fooled by these trolls.
>>
>>> Maybe he got his given name spelled wrong? Like "Steppin Wolfe?"
>>> :-)
>>
>>Very psychodelic. Don't get rug burns from the magic carpet ride.
>
> Very psycho if you ask me... :-)

exceedingly pycho
>
>
>>> >> > SAN FRANCISCO: It may be the ultimate SOS.
>>
>>> >> > Morse Code is in distress.
>>> >> > ......
>>> >> > ......
>>> >> > While the decision had been expected, some ham radio operators fear that
>>> >> > their exclusive club has been opened to the unwashed masses
>>> >> > - and that the very survival of Morse Code is in question.
>>> >> > ......
>>> >> > The demise of the Morse requirement, however,
>>
>>> >> There has never been any "Morse Requirement." No particular mode is
>>> >> mandated.
>>
>>> >That's right. And there's no requirement to get on the air once you do
>>> >have a license.

>>
>>> Horrors! Isn't Ham Radio ALL about "working DX on HF with CW?"
>>
>>That's correct. Anything less than than just makes for a lesser ham.
>
> Heh heh...durn near half of all US hams are "lesser" in that
> case! ["lesser" in the eyes of the coded Elite...:-)]

well the end of that is at hand
>
>>> Why...why...why one HAS to "get on the air" and "work" someone
>>> by morsemanship! "Rite of passage" or some other BS myth...
>>
>>> One just "cannot" be a "ham" without "working someone with CW!"
>>
>>> :-)
>>
>>"Hams of a Lesser God."
>
> Obviously not of the Ruling Elite of the Acolytes of Hiram... :-)

nah I think Hams like are and the Hiram has been Hijacked
>
>
>>> >> > could be a boon for ham radio
>>> >> > itself. After the FCC decision, demand for information
>>> >> > about radio licenses surged from about 200 in a typical weekend to about
>>> >> > 500, according to the American Radio Relay League, an
>>> >> > organization representing ham radio operators.
>>> >> > ......
>>> >> > "It's part of the dumbing down of America," said Nancy Kott, editor of World
>>> >> > Radio magazine
>>
>>> >> I suspect that Nancy is actually that grouchy Sterba, Kurt N.
>>
>>> >I dunno. Kurt might be anybody.
>>
>>> Kurt Weil? Sterba, Kurtain? :-)
>>
>>> [author-composer of musical "Cabaret" and a famous old wire
>>> antenna of large dimensions once used by the pros...]
>>
>>A cranky (OM) who writes antenna books at World Radio.
>
> Heh, heh, riiiight...he would be over 100 years then, no wonder
> he would be cranky.
>
>
>>> >> > and a field representative for the
>>> >> > Centers for Disease of Control and Prevention in Metamora, Michigan.
>>

>>> >> I thought the CDC was in Atlanta and World Radio was in 6-land?
>>
>>> >You're right.
>>
>>> Gosh, I thought "CDC" stood for Control Data Corporation...
>>
>>Isn't Control Data defunct?
>
> Only the Logo. With the corporations purchasing other corporations
> in the electronics industry (as a whole), it has been difficult
> keeping up with the new names in three decades. [it's been worse
> in the microwave portion of the industry...]
>
> However, hams who get their ONLY 'radio news' from ARRL wouldn't
> know about such things. <shrug>
>
>
>>> >> > "We live in a society today that wants something for nothing."
>>
>>> >> The written exams are "nothing?"
>>
>>> >That's exactly right. That's why it was so important to keep the Morse
>>> >Code exam, because the written exams are nothing.
>>
>>> Riiiiight...the ultimate, the ne plus ultra of "radio
>>> operating" is sending-receiving morse code. :-)
>>
>>> Like ANY other radio service ever uses it nowadays for
>>> communications...<guffaw>
>>
>>Well, well, well....
>
> Among the stodgy old morsemen, the mythos of morse is still
> alive.
>
>
>>> >> > A female in a mostly male radio world, Kott is one of about 660,000 licensed
>>> >> > ham operators in the United States
>>
>>> >> Another "first."
>>
>>> >Well, I dunno.
>>
>>> Nancy Kott is caught up in a "Nancy Kause" of Doing Something
>>> To Preserve The Glory and Honor of Morsemanship."
>>
>>A Priestess in the Church of St. Hiram?
>
> A Sister, a Nun of the Above...[of the Code Cloister]
>

>>> That "Kause" is doomed...
>>
>>Maybe not doomed...
>
> Maybe she's a Sara Jane Moore wannabe? A Lynette Frome wanabe?
>
> [attempted assassins of Gerald Ford...]
>
>
>>> >> > and is the U.S.
>>> >> > leader of Fists CW Club, an organization that calls itself the International
>>> >> > Morse Preservation Society.
>>
>>> >> That would make it "IMPS." I thought it called itself "FISTS."
>>
>>> >I guess no one wants to be called an "Imps."
>>
>>> "FISTS" carries the emotional baggage of Virility, Strength,
>>> Force, and is very Manly. :-)
>>
>>Hmmmm? I guess "IMPS" is "OUT."
>
> Absolutely. In US ham radio all must be white male HETEROsexuals
> who love honor and obey morse code.
>
>
>>> Hmmm...that alone makes one wonder about Ms. Kott's motivation?
>>
>>> [now watch the response, Brian, Jimmie Noserve will be in here
>>> with a "you're Wrong" and describe the origin of "FISTS" and
>>> other assorted glories of morsemanship...as if He is the only
>>> "smart" one and all no-coders are imbeciles]
>>
>>Yep. and FISTicuffS was there in WWII helping the effort.
>
> Riiiight...except that IN WWII the bulk of military messaging
> was done by TTY, not by manual morse code.
>
> Jimmie Noserve no wanna say that but it was true...but then
> Jimmie never ever did serve in any US military of any kind,
> not even in the government.
>
>
>>> >> > ... So true, Ms. Kott...
>>
>>> >> I'm not so easily convinced, Stefan.
>>
>>> >Maybe Stefan has some other words of wisdom?
>>
>>> Maybe that given name is a contraction of **** that hit the fan?

>>
>>> One can only wonder.
>>
>>> Maybe this Stefan is really Mikey Deignan trying to get some new
>>> Club Calls to replace the ones taken away from him? :-)
>>
>>The RF Commandos are missing in action, but they still have a Club Call
>>to come back to if they ever have another meeting.
>
> Hot damn! "RF Commandos!" Force, strength, virility coming
> out of every pore, J-38s at high port, conquering pileups at
> every cue-so!
>
>
>>> [the "KH6" is now a resident of Bedford, MA...no longer having a
>>> PO box in Hawaii courtesy of Jeff Herman]
>>
>>People who glom up exotic callsigns having never been to the
>>location...
>
> "Book 'em, Danno!" :-)
>
>>> Hmmm...whatever happened to Eric June, the self-appointed
>>> president and director of "Know Code International?" :-)
>>
>>> LenAnder...@ieee.org
>>
>>I forgot all about him. And the other guy - Val Germann...
>
> Google never forgets. Last night I did a quick copy of the
> All-Time Posters on RRAP and here is what they had for 28
> Dec 06:
>
> K4YZ 11,945 [warrior of Seven Hostile Actions]
> Cecil Moore 11,892
> James Miccolis 8,836
> Dick Carroll 7,091 [SK]
> -me- 6,191
> Eric June 5,434
> David Heil 5,358
> Ed Hare 5,253
> Mark Morgan 4,633
> James Rosenthal 4,286
>
> Grand total of just the Top Ten: 73,919 posts!
>
> Cecil has been in the newsgroup perhaps the longest, finally got
> tired of it and went over to rec.radio.amateur.antenna. June,
> Hare, and Rosenthal haven't been here for at least two years.
> Major Dud finally grabbed more archive space than Cecil (which

> was expected) even though he mainly talks about HIMSELF and his
> mighty "military" service while personally insulting everyone
> who dares disagree with him. :-)
>
> 73,
> LenAnderson@ieee.org
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4546. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 04:18:37 UTC
From: Chuck James <c456james@sbcglobal.net>
Message-ID: <xMIlh.7746$sR.6757@newssvr29.news.prodigy.net>
Source record: 47470

Any instructions on just how to do that? I'm relatively new to this hobby.

"John Smith I" <assemblywizard@gmail.com> wrote in message
news:en13orpgh2@aioe.org...
> Chuck James wrote:
>> ...
>
> Why not just through together a 1/2~ monopole with a simple gamma match
> and 1:1 current balun?
>
> Regards,
> JS

4547. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 05:12:22 UTC
From: "LenAnderson@ieee.org" <LenAnderson@ieee.org>
Message-ID: <1167455542.169554.192960@i12g2000cwa.googlegroups.com>
Source record: 47471
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

From: hot-ham-and-che...@hotmail.com on Fri, Dec 29 2006 3:22 pm

>Stefan Wolfe wrote:
>> <LenAnder...@ieee.org> wrote in message
>> > From: hot-ham-and-che...@hotmail.com on Thurs, Dec 28 2006 6:04 pm
>> >>hot-ham-and-che...@hotmail.com wrote:
>> >>> Stefan Wolfe wrote:

>> Hey Len, you've been flaming code on these groups since at least 1996...I
>> can still remember when you got on the rec.radio groups the first time.
>
>No you can't. There was no Stefan Wolfe here in 1996. And there is no
>amateur radio license issued to Stefan Wolfe.

Maybe he was a UK ham troll then?

Was I on that early? :-) I was on BBSs and doing letter-
writing a lot earlier than that, over a decade before.

>> Somehow, as a brilliant electronics engineer you were never able to master
>> the skill of sending and receiving letters represented as dits and dahs and
>> this kept you off HF...
>
>Is that what's been keeping you off of HF? No license is issued to
>Stefan Wolfe.
>
>Odd, but Len has been on HF through SHF. All without code.

From VLF on up through 25 GHz...transmitting LEGALLY. :-)

I've never described myself or even implied that I was a
"brilliant electronics engineer." I've had lots of industry
experience in radio-electronics since 1952 (military), then
beginning 1956 (aerospace) in southern California. ONE radio-
relevant US patent, 3848191, issued 1974.

I had managed about 8 WPM in receiving morse code in the 60s,
then thought about the uselessness of such effort seeing as I
had worked in Big Time HF communications a decade earlier, all
WITHOUT having to learn or to use any morse code. The minimal
was then 13 WPM for a ham license. I'd already had 3 years of
military experience, leading to operating team supervisor, on
long-haul HF circuits across the Pacific and south to the
Phillippines, using RTTY and SSB (multi-channel commercial
kind) with some old-standard FAX plus being supervisor grade
on multi-channel microwave radio relay equipment. So *WHY*

was this old, old morse code so damn important to amateurs?
Came to the conclusion they all wanted to just recreate a
pioneering past where very few had participated, didn't really
go in for the comradeship that was supposed to be in ham radio.

Besides, CB had been created in 1958 and that was good for
local communications. The Los Angeles area didn't lack for
'other communicators' in the early 1960s. :-)

>> but you always had vastly superior academic skills
>> in the field of RF that fact seemed to make the skill of simple Morse
>> communication seem so irrelevant in today's modern world.
>
>Len's knowledge of RF had nothing to do with it (sorry Len). Morse
>Code became irrelevant all by itself.

Where the fork do these TROLLS come from, Brian? :-(

This twit obviously wants to FIGHT with words. Poor guy is
already gunned down and carted off to Boot Hill but he not
know it...

On the other hand, I've memorized a few formulas a tad more
complicated than Ohms's Law of Resistance...so that probably
is "rocket science" to some amateurs.

>> Now you no longer need that skill and the doors have swung open. Does that
>> mean you will make yourself and your brilliant mind available to the
>> unwashed masses of hams
>
>There are no unwashed masses of hams. Maybe there are a few
>individuals at hamfests that might pay more attention to personal
>hygeine, but no masses.

Hmmm...the average ham mass is about 77 Kg. :-)

Maybe the desk-bound contester is 10 Kilo more from sitting
in front of his raddio for so long? :-)

Just WHAT am I supposed to "make available" to those ham
"masses?" Does Steppin Wolfe expect miracles from the
brass-pounders who've tried to pound ME for years about
their love for morse code?

What happened to all the "smarts" among the brass-pounders?
Why couldn't THEY do the "innovation" for their "unwashed"
brethren? None of the brass-pounders seem to answer that.

>>> who only know how to pound keys?
>>
>>Welp, there are a bunch who know how to pound their chests. That's
>>what the ARRL VP was saying when K4YZ attacked me.

Some of those Mighty Macho Morsemen pound what they think
are the chest mass of King Kong...but are still little
code monkeys dancing to the manual morse organ of that
publishing house in Connecticutt. I doubt many of them
could climb even a few stairwells of the Empire State
building in NYC...with or without biplanes buzzing
around trying to shoot them.

>> Will you now be
>> getting your extra class and dazzling us with new ideas and inventions that
>> will forever modernize the amateur modes, you know, the sort of achievements
>> you always said would be possible if only they got rid of that nasty Morse
>> test?

Tsk, the Troll from the UK has strapped on his holsters
and wants to walk down the street for a shoot-out... :-)

Thinking back to what I've written in here, I've NOT said
much about "achievements possible if the code test was
removed." That wasn't my point. The code test for an
AMATEUR radio license was just an anachronism, a left-over,
something that mattered ONLY to the very old timers who
had to take it (and therefore everyone else has to take it
too).

Amateur radio IS a fine, absorbing HOBBY pursuit. It should
be open to ALL who can qualify for the license through the
written tests. It is *NOT* nor should it ever have been
some kind of Living Museum of Archaic Radio Technology. But,
in the minds of the pro-coders, that's all it was...a
Living Museum of Morsemanship.

Morse code was NEVER an intellectual achievemnt, NEVER a
'technology.' It was, is, and will remain, just a psycho-
motor skill acquired through hours of practice. It requires
an APTITUDE for the on-off patterns similar to drumbeat
rhythms. Some take a VERY long time to master it at slow
speeds while others can learn quickly to achieve high rates.

The OLD S25 of the ITU Radio Regulations had a political
flavor to it...that of mandating adminstrations to test for
morse code for licenses having "below 30 MHz privileges."
Now "30 MHz" is an arbitrary choice. It is the top of the
definition of the HF decade in the spectrum. The next-
higher amateur radio band begins at 50 MHz and distance
propagation isn't very good up there. The limit on 30 MHz
APPEASED the old-timers in ham radio who regarded the ham
HF bands as "theirs" and wanted to keep morse code in the
very worst way. The International Amateur Radio Union
saw the present-day realism and did not want to appease the
old-timers or give in to their morse mythos. S25 got an
almost total rewrite in 2003 to bring it up to relatively
modern times. [S25 hasn't quite reached this new millennium

yet but give it time...]

Now, as to ORIGINAL INNOVATIONS, I can think of only TWO and
both of those done by Brits: Peter Martinez for PSK31 and
Mike Gingell for his R-C Polyphase Network used in SSB
modulation-demodulation other than by more-expensive crystal
filters. Those were new, original. Mike Gingell did his
Polyphase network for a PhD in the UK before moving to USA.
Martinez used Gingell's network in a ham transceiver
application three decades ago and has continued to innovate
things in HF radio. All the rest are ADAPTATIONS of EXISTING
commercial applications in circuits and systems...some very
good but still ADAPTATIONS, not ground-breaking new things.

>How about if he does as much innovating as has N2EY, W3RV, K0HB, K8MN,
>and K4YZ.

W3RV, K8MN, and K4YZ will be LOST behind the front panel of
any radio having semiconductors. N2EY now builds KITS
using semiconductors...his last described tube rig was a
kluge of tube circuits made from the equivalent of dumpster
diving (minimal cost some kind of achievement). Hans
probably can go behind the front panel and understand things
since he remains working in true high-tech electronics (the
only questions there is his being a 'manager,' a postion
not always held has having real-savvy technical smarts by
those working in the electronics industry). :-)

>Hmmm? Did I leave Cecil off the list on purpose?

Cecil got tired of the self-righteous, self-important few
morsemen on RRAP and inhabited RRAA. Cecil likes to try
out antenna designs...and does some good things there from
what I've read elsewhere. Cecil has more patents awarded
than I...perhaps five (?) in all.

>> We will all be waiting Len.
>
>We? You are trolls?

They are...Steppin Wolfe and all the other anony-mousies
eager to do Word War III in here. :-)

FCC 06-178 will become LAW of the USA soon. Whatever follows
(insofar as amateur radio is concerned) will happen. The
"predictions" in here are just Guesses, suppositions based
on individual's mode biases. What will be will be...

Best regards,
LenAnderson@ieee.org

4548. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 05:13:50 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <jAmlh.25697$sp7.11022@newsfe14.phx>
Source record: 47472
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

<LenAnderson@ieee.org> wrote in message
news:1167376030.940664.190150@a3g2000cwd.googlegroups.com...

< snip >

> or some other BS myth...
>
> One just "cannot" be a "ham" without "working someone with CW!"

Yeah, like, "One cannot be a driver without ever having changed a tire in
the rain at 2 AM.

4549. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 05:20:50 UTC
From: "LenAnderson@ieee.org" <LenAnderson@ieee.org>
Message-ID: <1167456050.020138.49930@k21g2000cwa.googlegroups.com>
Source record: 47473
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

Cecil Moore wrote:
> LenAnderson@ieee.org wrote:
> > Cecil has been in the newsgroup perhaps the longest, finally got
> > tired of it and went over to rec.radio.amateur.antenna.
>
> Actually, I was on both rrap and rraa. My
> attitude has always been of a Libertarian
> flavor - freedom of choice of modes in a
> free market of modes.
> --
> 73, Cecil http://www.w5dxp.com

Roger that, Cecil. :-) Way to go...FREEDOM of choice and not
coerced, brainwashed, or anything else by some old men in
Newington. :-)

Nice Hog you got...! :-)

73,
LenAnderson@ieee.org

4550. Re: Attention Out-of-the-Box Thinkers...

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 05:38:23 UTC
From: Bryan <bryan.swadenerNOSPAM@comcast.net>
Message-ID: <r7edneEVcIIVYQjYnZ2dnUVZ_oGlnZ2d@giganews.com>
Source record: 47475

Roy Lewallen lampooned:
> The very latest models use just a pinch of unobtanium. The ACME material
> was mistakenly shipped to some place in the Arizona desert.
>
> Roy Lewallen, W7EL

The Neobryllium-Reszonifier is also contain unobtanium. It's classified as
a monode device.

Bryan WA7PRC

4551. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 05:40:59 UTC
From: John Smith I <assemblywizard@gmail.com>
Message-ID: <en4u2r$3fp$1@aioe.org>
Source record: 47474

Chuck James wrote:
> ...

Chuck:

I have been tearing apart this place. About a year ago I had constructed one for 10 meters and had all my notes, etc. Now can't find a thing.

This link:
http://www.cebik.com/trans/gamma.html

will show you details of a gamma match. It is being used on a dipole element. Basically, you just use the top half of the element, the half with the gamma match. Just below the gamma match, you chuck in a 1:1 current balun to choke off the rf which might go to the outside of the coax.

A counterpoise of wire, cut to 1/2 wave at the center freq. of the band can be attached to the outside of the coax (or coax connector) at the antenna.

The monopole radiator is a simple 1/2 wave and the length can be computed from the standard formula: 5904/(frequency in mhz) = length.

The link above contains a basic program to compute the gamma match dimensions. You should be able to tear the formulas out of the text and use them manually.

I will see if I can't find the material on dimensions, etc. I had put together here, still looking.

Regards,
JS

4552. Re: [Off Topic] QRA? QCX?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 06:03:08 UTC
From: Bryan <bryan.swadenerNOSPAM@comcast.net>
Message-ID: <P9WdnWRiDIgmnwvYnZ2dnUVZ_oannZ2d@giganews.com>
Source record: 47326

Scott wrote:
> Can I have both? ;) Well, around here (the Chippewa Valley area) in
> WI we all use horizontal on all bands from 6M and up. Actually, I was
> just thinking about an Alford slot in the mobile since it is supposedly
> fairly omnidirectional and horizontally polarized. Seemed it might be
> OK for driving around and listening for my beacon or maybe an operator
> or two if they also were using an omni horizontal antenna. There are
> several of us on 902 within about 15 miles of each other...
>
> I'll check out the inverted F on the website you cite. I'm guessing it
> will be similar to the innards of blade antennas made for the VHF/UHF
> aviation bands...
>
> Scott
> N0EDV

Scott,

You can have simultaneous H & V polarization. FM broadcast antennas usually produce both, because they transmit to both home stations that use horizontal-polarized antennas, and automobiles that have vertical-polarized antennas. For an omni pattern, they'll have either two sets of elements (H+V), or a combined horizontal loop + vertical radiator. Dielectric Communications (http://www.dielectric.com/broadcast/fm.asp) offers the both types.

Bryan WA7PRC

4553. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 06:49:00 UTC
From: RST Engineering <jim@rstengineering.com>
Message-ID: <_Znlh.59$IH6.117876@news.sisna.com>
Source record: 47327

You are not asking for the moon. What you want is a simple, compact, reliable antenna for both 144 and 440 MHz.. Having done a fair amount of that sort of RACES/ARES stuff, here's what I'd advise you.

Go down to your local radio parts store, Rat Shack if that's all you've got and get yourself a female BNC chassis connector (UG-1094, RS # 278-105). Get a couple of quality male BNC cable connectors while you are at it. Unfortunately for you, RS doesn't sell anything but that twist-on solderless crap for male BNC, so you may wind up buying them mail order.

Get yourself four 3/8" solder lugs and five 19" pieces of solid #14 copper wire (strip house romex if you have to).

To each of the four solder lugs, solder one end of the #14 wire. These will be the four ground plane wires. THe fifth piece of #14 will connect to the solder cup on the bottom of the female BNC chassis connector to become the radiating element.

Now put those four solder lugs over the radiating element and over the threads on the connector. Use the nut that came with the connector to fasten the solder lugs, each at approximately 90° from each other (a small crescent wrench or dedicated 1/2" wrench needs to be part of your permanent tool kit). Bend them down at about a 45° angle.

Take the two male connectors and make an RG-58 cable to run from your radio to where you want to put your antenna. Connect one end of the cable to your radio and the other end to the UG-1094 connector.

You want to move the antenna? Disconnect the cable. Grab your wrench and pull that nut off. Take off all 4 ground plane wires. Bundle them up around the radiating element. Reassemble in the new location. Ten seconds up, ten seconds down.

You want to use it in the field outside? Bend a small hook (no more than 1/4" long) in the radiating element. Tie a roll of heavy twine to the hook and bend the hook shut. Take the roll of twine and throw it around the highest tree limb you can find. Hoist that sucker up and you are on the air.

We can dick around with a mounting bracket on the UG-1094 threads if you want to make a permanent installation out of it.

(By the way, you are operating close enough to the third harmonic of 144 on 440 that the antenna will perform quite well on both frequencies.)

Jim

"Chuck James" <c456james@sbcglobal.net> wrote in message
news:TDMkh.7702$yC5.4056@newssvr27.news.prodigy.net...
>I know I could just go buy a mag-mount mobile antenna, but would it be
>possible or even practical to build a J-pole type or vertical (without long
>radials) antenna for 2m/70cm, out of welding rod, which could be small
>enough to be easily portable and used inside different rooms? Our local
>RACES is trying to set up a volunteer communications network inside several
>different city and county offices to assist in emergencies. I have
>searched (a little) for such a design, and found something similar, made
>out of TV line, but would prefer something that could be made free standing
>and as small as practical. The Welding Rod antennas made with 45 degree
>radials are a little bulky to move through congested hallways. The idea is
>to make it portable enough to move from room to room as needed. Long
>radials would impede moving through hallways.
> Thanks in advance, KE5GEO
>
>

4554. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 11:42:40 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1167478960.880333.224900@s34g2000cwa.googlegroups.com>
Source record: 47328
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

N2EY@AOL.COM wrote:
> LenAnderson@ieee.org wrote:
>
> (snip of wordy rant)
>
> > Google never forgets.
>
> Remember that...
>
> > Last night I did a quick copy of the
> > All-Time Posters on RRAP and here is what they had for 28
> > Dec 06:
> >
> > -me- 6,191
>
> No, Len, that number is way too low.
>
> According to Google, your postings to rrap since 1997 are no less than:
>
> 846 as len.anderson@mogur.com
> 1230 as nocwtest@aol.com
> 10 as averyfine@aol.com
> 39 as averyfineman@aol.com
> 1204 as lenof21@aol.com
> 6210 as lenover21@aol.com
> 1454 as lenanderson@ieee.org
>
> That's a grand total of no less than 10,993 postings to rrap, under no
> less than seven different screen names, all by you. There may be more -
> 10,993 is a minimum number.
>
> Google never forgets.
>
> If your ability to count *your own postings* results in a number that
> is so inaccurate, why should anyone trust your counts of other things?
>
> If your ability to represent your own history of posting to rrap is so
> error-filled, why should anyone trust your recounting of other history?

Jim, would you mind tallying up all of your postings under all of your
screen names?

Thanks a bunch.

4555. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 12:04:58 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1167480298.421009.18880@a3g2000cwd.googlegroups.com>
Source record: 47329
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

LenAnderson@ieee.org wrote:
> From: hot-ham-and-che...@hotmail.com on Fri, Dec 29 2006 3:22 pm
>
> >Stefan Wolfe wrote:
> >> <LenAnder...@ieee.org> wrote in message
> >> > From: hot-ham-and-che...@hotmail.com on Thurs, Dec 28 2006 6:04 pm
> >> >>hot-ham-and-che...@hotmail.com wrote:
> >> >>> Stefan Wolfe wrote:
>
> >> Hey Len, you've been flaming code on these groups since at least 1996...I
> >> can still remember when you got on the rec.radio groups the first time.
> >>
> >No you can't. There was no Stefan Wolfe here in 1996. And there is no
> >amateur radio license issued to Stefan Wolfe.
>
> Maybe he was a UK ham troll then?

I have to congratulate the UK trolls. They're the best.

> Was I on that early? :-) I was on BBSs and doing letter-
> writing a lot earlier than that, over a decade before.

I'm sure "Stefan" recalls that, too.

> >> Somehow, as a brilliant electronics engineer you were never able to master
> >> the skill of sending and receiving letters represented as dits and dahs and
> >> this kept you off HF...
> >>
> >Is that what's been keeping you off of HF? No license is issued to
> >Stefan Wolfe.
> >
> >Odd, but Len has been on HF through SHF. All without code.
>
> From VLF on up through 25 GHz...transmitting LEGALLY. :-)
>
> I've never described myself or even implied that I was a
> "brilliant electronics engineer." I've had lots of industry
> experience in radio-electronics since 1952 (military), then
> beginning 1956 (aerospace) in southern California. ONE radio-
> relevant US patent, 3848191, issued 1974.
>
> I had managed about 8 WPM in receiving morse code in the 60s,
> then thought about the uselessness of such effort seeing as I
> had worked in Big Time HF communications a decade earlier, all

> WITHOUT having to learn or to use any morse code. The minimal
> was then 13 WPM for a ham license. I'd already had 3 years of
> military experience, leading to operating team supervisor, on
> long-haul HF circuits across the Pacific and south to the
> Phillippines, using RTTY and SSB (multi-channel commercial
> kind) with some old-standard FAX plus being supervisor grade
> on multi-channel microwave radio relay equipment. So *WHY*
> was this old, old morse code so damn important to amateurs?
> Came to the conclusion they all wanted to just recreate a
> pioneering past where very few had participated, didn't really
> go in for the comradeship that was supposed to be in ham radio.
>
> Besides, CB had been created in 1958 and that was good for
> local communications. The Los Angeles area didn't lack for
> 'other communicators' in the early 1960s. :-)
>
>
> >> but you always had vastly superior academic skills
> >> in the field of RF that fact seemed to make the skill of simple Morse
> >> communication seem so irrelevant in today's modern world.
> >
> >Len's knowledge of RF had nothing to do with it (sorry Len). Morse
> >Code became irrelevant all by itself.
>
> Where the fork do these TROLLS come from, Brian? :-(

There's this bridge in England...

> This twit obviously wants to FIGHT with words. Poor guy is
> already gunned down and carted off to Boot Hill but he not
> know it...

The un-SK.

> On the other hand, I've memorized a few formulas a tad more
> complicated than Ohms's Law of Resistance...so that probably
> is "rocket science" to some amateurs.

Can this formula be put into Excel?

> >> Now you no longer need that skill and the doors have swung open. Does that
> >> mean you will make yourself and your brilliant mind available to the
> >> unwashed masses of hams
> >
> >There are no unwashed masses of hams. Maybe there are a few
> >individuals at hamfests that might pay more attention to personal
> >hygeine, but no masses.
>
> Hmmm...the average ham mass is about 77 Kg. :-)
>
> Maybe the desk-bound contester is 10 Kilo more from sitting
> in front of his raddio for so long? :-)

>
> Just WHAT am I supposed to "make available" to those ham
> "masses?" Does Steppin Wolfe expect miracles from the
> brass-pounders who've tried to pound ME for years about
> their love for morse code?
>
> What happened to all the "smarts" among the brass-pounders?
> Why couldn't THEY do the "innovation" for their "unwashed"
> brethren? None of the brass-pounders seem to answer that.

They're just very average people, with the exception of playing human
modem.

> >>> who only know how to pound keys?
> >>
> >>Welp, there are a bunch who know how to pound their chests. That's
> >>what the ARRL VP was saying when K4YZ attacked me.
>
> Some of those Mighty Macho Morsemen pound what they think
> are the chest mass of King Kong...but are still little
> code monkeys dancing to the manual morse organ of that
> publishing house in Connecticutt. I doubt many of them
> could climb even a few stairwells of the Empire State
> building in NYC...with or without biplanes buzzing
> around trying to shoot them.

Len, that was mean.

> >> Will you now be
> >> getting your extra class and dazzling us with new ideas and inventions that
> >> will forever modernize the amateur modes, you know, the sort of achievements
> >> you always said would be possible if only they got rid of that nasty Morse
> >> test?
>
> Tsk, the Troll from the UK has strapped on his holsters
> and wants to walk down the street for a shoot-out... :-)

That is sooo sad. The subjects in England may have holsters, but
allowed nothing to put in them.

> Thinking back to what I've written in here, I've NOT said
> much about "achievements possible if the code test was
> removed." That wasn't my point. The code test for an
> AMATEUR radio license was just an anachronism, a left-over,
> something that mattered ONLY to the very old timers who
> had to take it (and therefore everyone else has to take it
> too).

Uphill in the snow both ways.

> Amateur radio IS a fine, absorbing HOBBY pursuit. It should
> be open to ALL who can qualify for the license through the
> written tests. It is *NOT* nor should it ever have been

> some kind of Living Museum of Archaic Radio Technology. But,
> in the minds of the pro-coders, that's all it was...a
> Living Museum of Morsemanship.

Sad.

> Morse code was NEVER an intellectual achievemnt, NEVER a
> 'technology.' It was, is, and will remain, just a psycho-
> motor skill acquired through hours of practice. It requires
> an APTITUDE for the on-off patterns similar to drumbeat
> rhythms. Some take a VERY long time to master it at slow
> speeds while others can learn quickly to achieve high rates.

Some got to learn it in the military, including three hots and a cot,
or the threat of being infantry or potato peeler.

> The OLD S25 of the ITU Radio Regulations had a political
> flavor to it...that of mandating adminstrations to test for
> morse code for licenses having "below 30 MHz privileges."
> Now "30 MHz" is an arbitrary choice. It is the top of the
> definition of the HF decade in the spectrum. The next-
> higher amateur radio band begins at 50 MHz and distance
> propagation isn't very good up there. The limit on 30 MHz
> APPEASED the old-timers in ham radio who regarded the ham
> HF bands as "theirs" and wanted to keep morse code in the
> very worst way. The International Amateur Radio Union
> saw the present-day realism and did not want to appease the
> old-timers or give in to their morse mythos. S25 got an
> almost total rewrite in 2003 to bring it up to relatively
> modern times. [S25 hasn't quite reached this new millennium
> yet but give it time...]
>
> Now, as to ORIGINAL INNOVATIONS, I can think of only TWO and
> both of those done by Brits: Peter Martinez for PSK31 and
> Mike Gingell for his R-C Polyphase Network used in SSB
> modulation-demodulation other than by more-expensive crystal
> filters. Those were new, original. Mike Gingell did his
> Polyphase network for a PhD in the UK before moving to USA.
> Martinez used Gingell's network in a ham transceiver
> application three decades ago and has continued to innovate
> things in HF radio. All the rest are ADAPTATIONS of EXISTING
> commercial applications in circuits and systems...some very
> good but still ADAPTATIONS, not ground-breaking new things.
>
> >How about if he does as much innovating as has N2EY, W3RV, K0HB, K8MN,
> >and K4YZ.
>
> W3RV, K8MN, and K4YZ will be LOST behind the front panel of
> any radio having semiconductors. N2EY now builds KITS
> using semiconductors...his last described tube rig was a
> kluge of tube circuits made from the equivalent of dumpster

> diving (minimal cost some kind of achievement). Hans
> probably can go behind the front panel and understand things
> since he remains working in true high-tech electronics (the
> only questions there is his being a 'manager,' a postion
> not always held has having real-savvy technical smarts by
> those working in the electronics industry). :-)

Sometimes they are referred to as "Dump Huck."

> >Hmmm? Did I leave Cecil off the list on purpose?
>
> Cecil got tired of the self-righteous, self-important few
> morsemen on RRAP and inhabited RRAA. Cecil likes to try
> out antenna designs...and does some good things there from
> what I've read elsewhere. Cecil has more patents awarded
> than I...perhaps five (?) in all.

I recall Cecil succumbing to their jeers to join them on CW. Poor bastard so wanted to prove himself to them that he operated CW with a thunderstorm overhead and lightning alqds. After such heroics, they still don't like his ideas and ostracize him.

> >> We will all be waiting Len.
> >
> >We? You are trolls?
>
> They are...Steppin Wolfe and all the other anony-mousies
> eager to do Word War III in here. :-)
>
> FCC 06-178 will become LAW of the USA soon. Whatever follows
> (insofar as amateur radio is concerned) will happen. The
> "predictions" in here are just Guesses, suppositions based
> on individual's mode biases. What will be will be...
>
> Best regards,
> LenAnderson@ieee.org

Julie Andrews in The Sound of Music.

4556. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 12:37:53 UTC
From: N2EY@AOL.COM
Message-ID: <1167482273.833107.118210@i12g2000cwa.googlegroups.com>
Source record: 47330
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

hot-ham-and-cheese@hotmail.com wrote:
> N2EY@AOL.COM wrote:
> > LenAnderson@ieee.org wrote:
> >
> > (snip of wordy rant)
> >
> > > Google never forgets.
> >
> > Remember that...
> >
> > > Last night I did a quick copy of the
> > > All-Time Posters on RRAP and here is what they had for 28
> > > Dec 06:
> > >
> > > -me- 6,191
> >
> > No, Len, that number is way too low.
> >
> > According to Google, your postings to rrap since 1997 are no less than:
> >
> > 846 as len.anderson@mogur.com
> > 1230 as nocwtest@aol.com
> > 10 as averyfine@aol.com
> > 39 as averyfineman@aol.com
> > 1204 as lenof21@aol.com
> > 6210 as lenover21@aol.com
> > 1454 as lenanderson@ieee.org
> >
> > That's a grand total of no less than 10,993 postings to rrap, under no
> > less than seven different screen names, all by you. There may be more -
> > 10,993 is a minimum number.
> >
> > Google never forgets.
> >
> > If your ability to count *your own postings* results in a number that
> > is so inaccurate, why should anyone trust your counts of other things?
> >
> > If your ability to represent your own history of posting to rrap is so
> > error-filled, why should anyone trust your recounting of other history?
>
> Jim, would you mind tallying up all of your postings under all of your
> screen names?

Whatever would be the point of that?

Here are just *some* of yours, Brian Burke:

1577 as hot-ham-and-cheese@hotmail.com
2863 as burke1@icss.net
2973 as billybeeper@juno.com
2211 as brianburke@my-dejanews.com

These are just your posts to rrap, and just the ones using those four
screen names. There are probably many more under other names.

Total comes to 9,624.

Google never forgets.

There are probably other screen names

>
> Thanks a bunch.

4557. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 13:51:34 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <G9ulh.27784$hl.15758@newssvr11.news.prodigy.net>
Source record: 47331

RST Engineering wrote:
> (By the way, you are operating close enough to the third harmonic of 144 on
> 440 that the antenna will perform quite well on both frequencies.)

It will even perform well as a satellite antenna on
440. EZNEC says it has a TOA of about 45 degrees.
--
73, Cecil http://www.w5dxp.com

4558. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 17:10:24 UTC
From: RST Engineering <jim@rstengineering.com>
Message-ID: <m4xlh.94$HY6.223344@news.sisna.com>
Source record: 47335

And I did not mean to imply that you couldn't use brazing (not welding) rod, which is nothing but brass and a little more to make the elements. IT certainly makes a STIFFER antenna, but copper wire is a lot easier to work with.

Jim

"Cecil Moore" <mycall@hotmail.com> wrote in message news:G9ulh.27784$hI.15758@newssvr11.news.prodigy.net...
> RST Engineering wrote:
>> (By the way, you are operating close enough to the third harmonic of 144
>> on 440 that the antenna will perform quite well on both frequencies.)
>
> It will even perform well as a satellite antenna on
> 440. EZNEC says it has a TOA of about 45 degrees.
> --
> 73, Cecil http://www.w5dxp.com

4559. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 17:39:08 UTC
From: John Smith I <assemblywizard@gmail.com>
Message-ID: <Ntxlh.96$lb7.226352@news.sisna.com>
Source record: 47332

Cecil Moore wrote:
> RST Engineering wrote:
>> (By the way, you are operating close enough to the third harmonic of
>> 144 on 440 that the antenna will perform quite well on both frequencies.)
>
> It will even perform well as a satellite antenna on
> 440. EZNEC says it has a TOA of about 45 degrees.

Hmmm. In some cases, would be nice to keep more of that signal terrestrial.

Regards,
JS

4560. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 17:43:10 UTC
From: John Smith I <assemblywizard@gmail.com>
Message-ID: <zxxlh.97$3W6.217184@news.sisna.com>
Source record: 47333
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

hot-ham-and-cheese@hotmail.com wrote:
> ...
> I recall Cecil succumbing to their jeers to join them on CW. Poor
> bastard so wanted to prove himself to them that he operated CW with a
> thunderstorm overhead and lightning alqds. After such heroics, they
> still don't like his ideas and ostracize him.
> ...

Len, Len, Len ...

There are many here whose time has come and gone. They have only their retirement check, SSI, time and antique radio gear.

You think anyone, but another one, can get along with any one of them?

Warmest regards,
JS

4561. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 17:44:05 UTC
From: John Smith I <assemblywizard@gmail.com>
Message-ID: <qyxlh.98$UH6.153751@news.sisna.com>
Source record: 47334
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

John Smith I wrote:
> ...

Sorry about that, meant to hit the post above yours ...

JS

4562. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 18:15:53 UTC
From: RST Engineering <jim@rstengineering.com>
Message-ID: <N1ylh.99$UH6.153751@news.sisna.com>
Source record: 47336

That's why you bend the radials down at a 45. It bends the pattern right
along with it.

Jim

"John Smith I" <assemblywizard@gmail.com> wrote in message
news:Ntxlh.96$lb7.226352@news.sisna.com...

>
> Hmmm. In some cases, would be nice to keep more of that signal
> terrestrial.
>
> Regards,
> JS

4563. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 19:21:31 UTC
From: Dan <winstonsalemve@yahoo.com>
Message-ID: <en6ejupgk1@news04.infoave.net>
Source record: 47338
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

> Morse Code is in distress.
> ......
> ......
> While the decision had been expected, some ham radio operators fear that
> their

"""""""exclusive club"""""

I think this is the key to Ms Kotts reaction.
New folks "the unwashed masses" are going to move into what she thinks of as her exclusive neighborhood, and things will be different.
Change is upsetting, but change happens.
Deal with it.
Radio and Cw were "new fangled technology" in 1905, because she grew up with this technology, She wants to stick to the 19th century technology she is familiar with.
If the CDC did that, people would be dying like flies from what are NOW preventable diseases like Measles, Cholera, typhoid , typhus, Yellow Fever, etc.And surgery would be done without anaesthesia.

> - and that the very survival of Morse Code is in question.
NO this is not true! Once knowledge is discovered it willl not DIE. Its usage may decline as other technologies supplant it, BUT it will survive.

> ......
> The demise of the Morse requirement, however, could be a boon for ham
> radio itself. After the FCC decision, demand for information
> about radio licenses surged from about 200 in a typical weekend to about
> 500, according to the American Radio Relay League, an
> organization representing ham radio operators.

A surge in interest is a GOOD thing. Too many Old Farts like me (age 55), and not enough youngsters coming in to the hobby.

> ......
> "It's part of the dumbing down of America," said Nancy Kott, editor of
> World Radio magazine and a field representative for the

> Centers for Disease of Control and Prevention in Metamora, Michigan

IS this an Official policy if the CDC? Is she its authorized spokesperson????
.
Last time I was there, the CDC headquarters were outside Atlanta, Georgia.

>"We live in a society today that wants something for nothing."
>
> A female in a mostly male radio world, Kott is one of about 660,000
> licensed ham operators in the United States and is the U.S.
> leader of Fists CW Club, an organization that calls itself the
> International Morse Preservation Society.

Again this sounds to me like an old timers' temper tantrum against change.

Dan AI8O

4564. Re: A moment of silence my friends for a silent key.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 19:25:42 UTC
From: JIM <cjjimmie@yahoo.com>
Message-ID: <1PSdndZAPL-iIAvYnZ2dnUVZ_vupnZ2d@deskmedia.com>
Source record: 47337
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Art::
You are a Scholar and a Gentleman, and you are right on the point.
Thank You for your Honesty. A truly Noble Man you are. My friend ordered me
a Gordon West study guide.I thought it over and I feel I might just be able
to add a little bit of good to the Wonderful Hobby Of Ham Radio. Good men as
yourself will be needing help in the future. I learned a important thing.
Don't complain if your not willing to help. I will be honored to Follow in
the foot step's of those who have walked down the Road before me. I am but a
humble man in the eye's of my peer's.
Soon to be a New Be......
.....Jim....

"art" <aunwin@insightbb.com> wrote in message
news:1167366821.344302.125770@48g2000cwx.googlegroups.com...
> Heh Bill it is free membership here, leave them alone. You tell other
> people to talk to them and then you do it yourself. Share and share
> alike I say
> Art
>
>
> Bill Turner wrote:
>> ORIGINAL MESSAGE:
>>
>> On Wed, 27 Dec 2006 10:22:55 -0600, "JIM"
>> <jslaird@goldfieldaccess.net> wrote:
>>
>> >I'll Bet there are a lot of old timer's just shaking in there Graves
>> >at the way you have been presenting the hobby that they helped to grow.
>>
>> ------------ REPLY FOLLOWS ------------
>>
>> I'll bet there are even more newsgroup users who are tired of people
>> posting messages that have nothing to do with the topic of the
>> newsgroup.
>>
>> I'll spell it out for you: The three newsgroups you have posted to
>> have nothing to do with a "moment of silence". There is newsgroup
>> which is a catch-all for amateur radio related items:
>> rec.radio.amateur.misc.
>>
>> Now that you know, I trust you will post correctly in the future.
>>
>> Bill, W6WRT

>

4565. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 19:48:52 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Eozlh.27828$hI.2146@newssvr11.news.prodigy.net>
Source record: 47339

John Smith I wrote:
> Cecil Moore wrote:
>> RST Engineering wrote:
>>> (By the way, you are operating close enough to the third harmonic of
>>> 144 on 440 that the antenna will perform quite well on both
>>> frequencies.)
>>
>> It will even perform well as a satellite antenna on
>> 440. EZNEC says it has a TOA of about 45 degrees.
>
> Hmmm. In some cases, would be nice to keep more of that signal
> terrestrial.

That's the subtle point I was trying to make. To keep
the TOA low, the antenna should not exceed 5/8 WL.
6/8 WL raises the TOA. That's not optimum for hitting
repeaters unless they are on very high, very close
mountains.
--
73, Cecil http://www.w5dxp.com

4566. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 19:54:12 UTC
From: John Smith I <assemblywizard@gmail.com>
Message-ID: <pszlh.105$QG6.89176@news.sisna.com>
Source record: 47340

Cecil Moore wrote:
> ...
> That's the subtle point I was trying to make. To keep
> the TOA low, the antenna should not exceed 5/8 WL.
> 6/8 WL raises the TOA. That's not optimum for hitting
> repeaters unless they are on very high, very close
> mountains.

Cecil:

OK. No problem, subtle is all yours ...

But, remember, I get sarcastic and blunt! <evil grin>

Regards,
JS

4567. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 19:54:26 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <Stzlh.27831$hI.24939@newssvr11.news.prodigy.net>
Source record: 47341
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

hot-ham-and-cheese@hotmail.com wrote:
> I recall Cecil succumbing to their jeers to join them on CW. Poor
> bastard so wanted to prove himself to them that he operated CW with a
> thunderstorm overhead and lightning alqds. After such heroics, they
> still don't like his ideas and ostracize him.

CW is my favorite mode and I enjoy 10 wpm QSO's.
GMC is my favorite pickup. Vanilla Bean is my
favorite ice cream. Texas is my favorite state.
I just don't believe in forcing my favorite mode
on anyone else any more than I believe in forcing
my favorite pickup, my favorite ice cream, and
my favorite state on anyone else. What is wrong
with live and let live?
--
73, Cecil http://www.w5dxp.com

4568. Re: Better use of electric supply lines

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 19:56:26 UTC
From: "John, N9JG" <john@Xremove.MeYgotwals.com>
Message-ID: <Kvzlh.424$G23.276@newsreading01.news.tds.net>
Source record: 47343

Good attempt at a troll.

"art" <aunwin@insightbb.com> wrote in message
news:1167369549.934729.117530@h40g2000cwb.googlegroups.com...
> How can ham radio justify holding on to valuable frequencies when
> comunities
> can put them to good use?
>
> Listen to the bands now, nobody is using them yet we are denying
> services required by people outside of the metropolis. We have the
> internet now and hams have moved to it, as with this newsgroup. There
> is no good reason for us to deny the FCC putting it to better use for
> the Country
> Art KB9MZ
>

4569. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 19:56:49 UTC
From: John Smith I <assemblywizard@gmail.com>
Message-ID: <Ruzlh.106$EI6.202812@news.sisna.com>
Source record: 47342
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

Dan wrote:
> ...
> If the CDC did that, people would be dying like flies from what are NOW
> preventable diseases like Measles, Cholera, typhoid , typhus, Yellow Fever,
> etc.And surgery would be done without anaesthesia.
> ...
> Dan AI8O
>
>

Dan:

All your points are interesting. Aids is a preventable disease, I
wonder if someone has inform Ms. Kott?

Regards,
JS

4570. Re: [Off Topic] QRA? QCX?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 19:57:33 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <vsydnTIyUMUwWQvYnZ2dnUVZ_sWdnZ2d@bright.net>
Source record: 47344

Thanks for the tip...I'll check it out!

Scott
N0EDV

Bryan wrote:

> Scott wrote:
>
>>Can I have both? ;) Well, around here (the Chippewa Valley area) in
>>WI we all use horizontal on all bands from 6M and up. Actually, I was
>>just thinking about an Alford slot in the mobile since it is supposedly
>>fairly omnidirectional and horizontally polarized. Seemed it might be
>>OK for driving around and listening for my beacon or maybe an operator
>>or two if they also were using an omni horizontal antenna. There are
>>several of us on 902 within about 15 miles of each other...
>>
>>I'll check out the inverted F on the website you cite. I'm guessing it
>>will be similar to the innards of blade antennas made for the VHF/UHF
>>aviation bands...
>>
>>Scott
>>N0EDV
>
>
> Scott,
>
> You can have simultaneous H & V polarization. FM broadcast antennas
> usually produce both, because they transmit to both home stations that use
> horizontal-polarized antennas, and automobiles that have vertical-polarized
> antennas. For an omni pattern, they'll have either two sets of elements
> (H+V), or a combined horizontal loop + vertical radiator. Dielectric
> Communications (http://www.dielectric.com/broadcast/fm.asp) offers the both
> types.
>
> Bryan WA7PRC
>
>

4571. Re: Why doesn't the FCC put the bands to a better use ?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 20:03:27 UTC
From: Scott <acepilot@bloomer.net>
Message-ID: <24WdnaCR2uKMWwvYnZ2dnUVZ_oKnnZ2d@bright.net>
Source record: 47346

Amen! The "local" guys I associate with use 6M up to 47 GHz at present,
so I don't want to lose the upper bands. Use 'em or lose 'em holds true
up here as technology coming along needs wider bandwidths, ie
microwaves! http://www.nlrs.org and http://www.cvvhf.org/

Scott
N0EDV

Gary KW4Z wrote:

> I too remember the criticism and skepticism thrown toward CB Radio, much
> maligned in many cases true in some, regarding the professionalism that they
> perceived was lacking. Whoa be to Ham Radio as the CB'ers upgrade and get a
> taste for something better. You are correct, or those that say, that CB'ers
> or many of them helped Ham Radio along as they would attempt to upgrade and
> improve their lot. Many Hams, some former CB'ers" granted exercise much
> less restraint and professionalism on Voice (75 meter bands) at times so we
> are just as guilty as the others we throw rocks at. I still do feel there
> is hope but like everything else it takes time, dedication, and being an
> example as well as having the desire to see it improve. Those "coffee
> break" gatherings were unique and in spirit at times the club meetings or
> Morning Get to gathers resemble a much smaller variant of the same.
> Truckers will always define CB as it's their business radio, and many find
> company with the other long haul drivers. Thankfully many a truck driver is
> also finding Ham Radio and many keep a rig in their trucks as well and
> provide yet another source of good operators. Sure there are some bad ones
> but that's the way it is everywhere (even in Churches). With the dropping
> of the Code requirement you never know how many, existing CB'ers' will
> upgrade and help us hold the frequencies that we have now. They ARE a
> priviledge and without a base to use them and using them it's increasingly
> easy for the FCC to look for commercialization of our bands. Thankfully
> most Commercialization is being done way above where most of us use but you
> can't write off anything, not to mention what others in the World Do.
>
>
>

4572. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 20:04:07 UTC
From: John Smith I <assemblywizard@gmail.com>
Message-ID: <IBzlh.107$mF6.44076@news.sisna.com>
Source record: 47345
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

Cecil Moore wrote:
> hot-ham-and-cheese@hotmail.com wrote:
>> I recall Cecil succumbing to their jeers to join them on CW. Poor
>> bastard so wanted to prove himself to them that he operated CW with a
>> thunderstorm overhead and lightning alqds. After such heroics, they
>> still don't like his ideas and ostracize him.
>
> CW is my favorite mode and I enjoy 10 wpm QSO's.
> GMC is my favorite pickup. Vanilla Bean is my
> favorite ice cream. Texas is my favorite state.
> I just don't believe in forcing my favorite mode
> on anyone else any more than I believe in forcing
> my favorite pickup, my favorite ice cream, and
> my favorite state on anyone else. What is wrong
> with live and let live?

Cecil:

Seeing as you passed the CW element--I see no problem in you:
1) Driving a GMC.
2) Eating Vanilla Bean Ice Cream.
3) Living in Texas.

However, you did right with checking with us first ... I can only hope
you continue to do so in the future.

<chuckle>
JS

4573. Discussion points on a long term Prognosis for AMATEUR RADIO

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 21:15:53 UTC
From: Dan <winstonsalemve@yahoo.com>
Message-ID: <en8hbj$i7m$1@news04.infoave.net>
Source record: 47244

Thesis ONE

I am an OLDER Amateur and the long term prognosis of AR worries me.
I am NOT having a temper tantrum about the FCC doing away with the CW testing requirement.

This is a major change, but I think major changes are needed.
Change is upsetting to some people, but things that don't change are DEAD.

What further changes are needed???
>>
>>>>>>>>>>>>>>>>>>>

Thesis TWO

--------AR has not kept up with changing technology-------------
In WWI and WWII CW was state of the art. NOT so today.
Today Having an EXTRA or a 25 wpm certificate does not give you a better insight into, or better operating technique in today's radio communications systems.
>>
>>>>>>>>>>>>>>>>>>>>.

Thesis Three
Any how, when I got into AR in the early 80's after a long period as a SWL and CBer, there were a lot of guys my age (relative youngsters, age 25-30) just coming into AR.
I am just not seeing youngsters coming in today.

THIS WORRIES ME.

What can be done to bring new young blood into AR?

>>

Thesis FOUR

I have spent most of my adult life dealing with VHF, UHF and now 800MHz trunking systems.
CW to me isn't bad, its just not germane to my day to day existence.

I am an amateur who likes fiddling with things.
Not so much operating, as asking questions like: can I take those VHF-LO whips that are already on those trucks cut hem down a little bit, and turn them into 5/8 wave antennae for the new VHF HI system? That sure would save a lot of work drilling and installing new antennae.

Computers are the thing now, and the RF parts of their communication systems
are what is important now in radio.
I don' think we should kill off or stop using CW or SSB, nor do I think we
should allow robot stations using various protocols to spread everywhere.
To paraphrase Ecclesiastes: To every emission type there is some spectrum, A
band for Cw, a band for SSB, a band for PSK-31, etc.

<<<<<<<<Moderation in all things, and emission types.>>>>>>>>>>>.

>>
>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

Thesis FIVE

The recent FCC ruling on CW and the changes in various HF emissions
authorizations are part of what I see as a slow but continuous movement
toward an AR licensing system that will only have two licenses.
Class A will be what used to be EXTRA, Advanced, and General, who will be
allowed to use all authorized bandwidths, emissions and frequencies.
Class B will be Techs, Tech Plus, and the old Novices who will be restricted
to frequencies above 30 or 50 MHZ, and they will be appliance operators not
allowed to adjust or repair their equipment.

Take a look at CEPT 1 and CEPT 2.

I think this is going to happen no matter what AR licensees have to say
about it, because the FCC is just not interested in AR.
AR is just not on their radar screens because the commissioners are from the
DC chattering classes have little or no personal technical expertise.
AR just cannot compete with the hordes of lobbyists and lawyers from the
various Telecommunications interest groups like the CTIA, the FCC Bar, NAB,
BPL operators,ATT, the various baby bells etc.
NO lobbyists = NO clout at the FCC

What can AR do to have some say about further changes mandated at the FCC?
>>
>>
Thesis SIX

When I got interested in radio 35+ years ago, it seemed to me that there
were several (non exclusive) "types"
1) talkers "ragchewers"
2) international goodwillers " Hey I just talked to a guy in Paraguay"
3)fiddlers "hey what happens if I put an extra capacitor in this power
supply I just built"
4) public service guys " I wonder if I could be the Eastern net control of
the TCC tonight after I clear the Races net?"

It seems to me that the international goodwill types have all gone away to
the internet.
And the fiddlers are fiddling around less and less because modern day
equipment to too small and complicated to work on at home, so they've gone
off into programming or computer building.

It appears to me that AR radiolicensees are devolving into two groups:
VHF public service/talkers
and
A declining number of fiddlers.

Is this good for AR?
>>
>>>>>>>>>>>>>>>>>>

If you want you can reply with your thoughts on any or all of these points.
Lets keep this a genteel discussion.
Amateur radio has several long term problems.
Flame wars will not help solve them.

Dan Yemiola
AI8O

4574. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 22:39:21 UTC
From: Stefan Wolfe <stefan@eml.com>
Message-ID: <4596ea9b$0$2279$4c368faf@roadrunner.com>
Source record: 47347
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

<LenAnderson@ieee.org> wrote in message
>
> Roger that, Cecil. :-) Way to go...FREEDOM of choice and not
> coerced, brainwashed, or anything else by some old men in
> Newington. :-)

Len, you used to argue that ham radio would benefit if only the FCC would let the brilliant RF scientists, engineers and physicists, who only lacked the ability or desire to learn Morse code, to enter the service. You also used to argue that the code was a roadblock to younger people entering the hobby. On the surface, these seemed to be some pretty noble ideals upon which to take the high road. This is all on the record.

But now it becomes clear that, with the Morse requirement indeed no longer a low tech obstacle to these high potential contributors, the promises of these positive outcomes have been pretty much toned down...by about 100%. Maybe they will happen but probably (I'm sure you agree) things will pretty much stay the same, other than the rise of another marginal increase in the lid factor similar towhat we saw on 75m with the advent of the 5wpm generals.

Now you say it was all only for freedom of choice.

When did your flip turn into a flop? :-))

4575. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 22:40:25 UTC
From: "LenAnderson@ieee.org" <LenAnderson@ieee.org>
Message-ID: <1167518425.574279.31530@73g2000cwn.googlegroups.com>
Source record: 47348
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

From: hot-ham-and-che...@hotmail.com on Sat, Dec 30 2006 3:42 am

>N...@AOL.COM wrote:
>> LenAnder...@ieee.org wrote:

>> (snip of wordy rant)

AS IF Miccolis is 'never' wordy... :-)

>> > Last night I did a quick copy of the
>> > All-Time Posters on RRAP and here is what they had for 28
>> > Dec 06:
>
>> > -me- 6,191
>
>> No, Len, that number is way too low.

Google provided it. I just copied the numbers that Google
put up of the TOP TEN. <shrug>

Miccolis says the Top Ten listing is "wrong." That's a NEW
territory of criticsm for him! :-)

The WORST I can be accused of is being incomplete. :-)

Miccolis cribs license class totals from the AH0A website
and implies they are "his" since he NEVER shows the origin
of his data. <shrug>

>> If your ability to count *your own postings* results in a number that
>> is so inaccurate, why should anyone trust your counts of other things?

If I had "counted my own postings" I would have done so and
listed all my 'handles' (screennames). :-)

>> If your ability to represent your own history of posting to rrap is so
>> error-filled, why should anyone trust your recounting of other history?
>
>Jim, would you mind tallying up all of your postings under all of your
>screen names?
>
>Thanks a bunch.

Brian, you're asking the impossible! :-)

"Quitefine" will never admit it. Nun of the Above is NEVER wrong!

Happy New Year,

LenAnderson@ieee.org

4576. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 22:50:37 UTC
From: N2EY@AOL.COM
Message-ID: <1167519037.035427.135400@h40g2000cwb.googlegroups.com>
Source record: 47349
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

LenAnderson@ieee.org wrote:
> From: hot-ham-and-che...@hotmail.com on Sat, Dec 30 2006 3:42 am
> >N...@AOL.COM wrote:
> >> LenAnder...@ieee.org wrote:
>
> >> > Last night I did a quick copy of the
> >> > All-Time Posters on RRAP and here is what they had for 28
> >> > Dec 06:
> >
> >> > -me- 6,191
> >
> >> No, Len, that number is way too low.
>
> Google provided it. I just copied the numbers that Google
> put up of the TOP TEN. <shrug>

It's inaccurate. You did not interrogate Google correctly, and so the
number you gave is much lower than the actual number.

If you can't be accurate, why should anyone trust you?

> says the Top Ten listing is "wrong."

Nope.

I'm saying *you* are giving a number that is very inaccurate. 6,191 is
a lot less than 10,993.

> That's a NEW
> territory of criticsm for him! :-)

"Criticsm"?

> The WORST I can be accused of is being incomplete. :-)

In error is more like it.

> cribs license class totals from the AH0A website
> and implies they are "his" since he NEVER shows the origin
> of his data. <shrug>

No, that is not correct.

The totals I post every two weeks do not come from AH0A.

I have posted my source here. You are either too lazy or too
incompetent to find it ;-)

> >> If your ability to count *your own postings* results in a number that
> >> is so inaccurate, why should anyone trust your counts of other things?
>
> If I had "counted my own postings" I would have done so and
> listed all my 'handles' (screennames). :-)

But you didn't. That means you intentionally posted a number that was
too low.

Some would say you tried to deceive us.

>
> >> If your ability to represent your own history of posting to rrap is so
> >> error-filled, why should anyone trust your recounting of other history?
> >
> >Jim, would you mind tallying up all of your postings under all of your
> >screen names?
> >
> >Thanks a bunch.
>
> Brian, you're asking the impossible! :-)

Not impossible at all. Just unlikely.

4577. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-30 22:51:08 UTC
From: "LenAnderson@ieee.org" <LenAnderson@ieee.org>
Message-ID: <1167519068.180783.312150@v33g2000cwv.googlegroups.com>
Source record: 47350
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

From: John Smith I on Sat, Dec 30 2006 9:43 am

>hot-ham-and-che...@hotmail.com wrote:
>> ...
>> I recall Cecil succumbing to their jeers to join them on CW. Poor
>> bastard so wanted to prove himself to them that he operated CW with a
>> thunderstorm overhead and lightning alqds. After such heroics, they
>> still don't like his ideas and ostracize him.
>> ...
>
>Len, Len, Len ...
>
>There are many here whose time has come and gone. They have only their
>retirement check, SSI, time and antique radio gear.

Seeing your following post explaining the mixup in attributes,
I'll toss a thing or two in here in response... :-)

The on-air get-together of morsemen was reported in here in
some detail and Cecil really did do his thunderstorm thing.
Considering Cecil's method of antenna matching...open-wire
feedline stubs switched in by knife switches...it is one
heckuva dangerous exercise to peak his wire antenna response!

I admire Cecil Moore for his free-thinking ability...plus
his nifty Harley-Davidson motorcycle (called a "hog" among
motor afficionados). :-) He moved back to Texas to take
care of his ailing parents, something I had in common with
him and don't wish that on anyone.

Not all of the correspondents in here are in retirement!
Most of the adamant morsemen seem to be, though, but
Jimmie Noserve "is not." Since only a select few of his
"inner circle" of (morsemen) friends seem to know what
he does and where so "N2EY" isn't yet retired...but he
sounds like he is in his 80s or 90s, though.

The Prussian pedant ("K8MN") has his government pension
checks and as a retiree of the federal government it would
probably not be from the SS. He only ACTS like he was in
the SS. :-)

>You think anyone, but another one, can get along with any one of them?

I don't think a chronological contemporary can "get along" with them unless they are part of the wish-fulfillment tribe called morsemen. They are SET in their ways, unable to adapt, yet all want to be "leaders" or, at the very least, "respected" for their unfailing devotion to old, old standards and practices in a radio hobby.

Most won't acknowledge that amateur radio IS a hobby... those are off into their own wish-fulfillment dreams of honor, glory, majesty, and "service to their country" by having that particular hobby. Sheesh.

Now there's nothing at all wrong with having a fascinating hobby. Amateur radio IS a fascinating hobby. It can be fun, it can be a recreation. Some folk in here let it dominate their life and THAT gets them off into some fantasies of their own. Not a good thing. For them or the ones they are around. Especially so if their whole being in the hobby are dominated by a self-styled few leaders up in the NE USA. The STRICT ordering of jargon and protocol and 'We' do things 'differently' (as in the standards of over a half century ago) gets a bit annoying to technology liberals. Radio itself is only 110 years old and is constantly changing. To be stuck in the beginning middle of that technology lifespan (never to change) seems an absurd ultra-conservative fixation with old technology.

It's worse with the fixation towards on-off keyed CW. Morse code was first used in 1844...BEFORE radio existed as a communications medium. Why in hell a 162-year-old mode "must" be a "qualifier" for an amateur radio license is ludicrous. That "need" to preserve a truly archaic mode HAS to be the result of intense mental conditioning (commonly called brainwashing) by the you-know-who organization (the main 'news' source for USA amateur radio).

On the other hand, the strict adherence to standards and protocol of olden times MAY be satisfactory for all those who have difficulty with adaptation to newer technology. That adherence can be a comfort, a psychological survival factor perhaps, but it doesn't alleviate their inability to adapt. Trying to get everyone else to conform to THEIR beloved adherence to old standards and practices is very, very wrong and also very selfish of them.

LA

4578. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 01:30:59 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1167528659.576881.91930@v33g2000cwv.googlegroups.com>
Source record: 47351
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

John Smith I wrote:
> hot-ham-and-cheese@hotmail.com wrote:
> > ...
> > I recall Cecil succumbing to their jeers to join them on CW. Poor
> > bastard so wanted to prove himself to them that he operated CW with a
> > thunderstorm overhead and lightning alqds. After such heroics, they
> > still don't like his ideas and ostracize him.
> > ...
>
> Len, Len, Len ...
>
> There are many here whose time has come and gone. They have only their
> retirement check, SSI, time and antique radio gear.
>
> You think anyone, but another one, can get along with any one of them?
>
> Warmest regards,
> JS

Sure. Anything you say, Dave.

4579. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 01:37:25 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1167529045.854440.107140@v33g2000cwv.googlegroups.com>
Source record: 47352
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

Cecil Moore wrote:
> hot-ham-and-cheese@hotmail.com wrote:
> > I recall Cecil succumbing to their jeers to join them on CW. Poor
> > bastard so wanted to prove himself to them that he operated CW with a
> > thunderstorm overhead and lightning alqds. After such heroics, they
> > still don't like his ideas and ostracize him.
>
> CW is my favorite mode and I enjoy 10 wpm QSO's.
> GMC is my favorite pickup. Vanilla Bean is my
> favorite ice cream. Texas is my favorite state.
> I just don't believe in forcing my favorite mode
> on anyone else any more than I believe in forcing
> my favorite pickup, my favorite ice cream, and
> my favorite state on anyone else. What is wrong
> with live and let live?
> --
> 73, Cecil http://www.w5dxp.com

I'm with you, Cecil. Live and let live.

4580. Re: Code Free "It's part of the dumbing down of America,"

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 01:44:02 UTC
From: Mark@kb9rqz.aprs
Message-ID: <fd5ep2dr1ca7maiol5c8o9qqd3m7mc1iik@4ax.com>
Source record: 47355
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

On 30 Dec 2006 17:37:25 -0800, hot-ham-and-cheese@hotmail.com wrote:

>
>Cecil Moore wrote:
>> hot-ham-and-cheese@hotmail.com wrote:
>> > I recall Cecil succumbing to their jeers to join them on CW. Poor
>> > bastard so wanted to prove himself to them that he operated CW with a
>> > thunderstorm overhead and lightning alqds. After such heroics, they
>> > still don't like his ideas and ostracize him.
>>
>> CW is my favorite mode and I enjoy 10 wpm QSO's.
>> GMC is my favorite pickup. Vanilla Bean is my
>> favorite ice cream. Texas is my favorite state.
>> I just don't believe in forcing my favorite mode
>> on anyone else any more than I believe in forcing
>> my favorite pickup, my favorite ice cream, and
>> my favorite state on anyone else. What is wrong
>> with live and let live?
>> --
>> 73, Cecil http://www.w5dxp.com
>
>I'm with you, Cecil. Live and let live.

live and let live

Morse Codes future is now in the hands of it aleeged supportor

that is a fate I would not wish on anybody
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4581. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 01:44:39 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1167529479.026301.58730@s34g2000cwa.googlegroups.com>
Source record: 47354
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

N2EY@AOL.COM wrote:
> hot-ham-and-cheese@hotmail.com wrote:
> > N2EY@AOL.COM wrote:
> > > LenAnderson@ieee.org wrote:
> > >
> > > (snip of wordy rant)
> > >
> > > > Google never forgets.
> > >
> > > Remember that...
> > >
> > > > Last night I did a quick copy of the
> > > > All-Time Posters on RRAP and here is what they had for 28
> > > > Dec 06:
> > > >
> > > > -me- 6,191
> > >
> > > No, Len, that number is way too low.
> > >
> > > According to Google, your postings to rrap since 1997 are no less than:
> > >
> > > 846 as len.anderson@mogur.com
> > > 1230 as nocwtest@aol.com
> > > 10 as averyfine@aol.com
> > > 39 as averyfineman@aol.com
> > > 1204 as lenof21@aol.com
> > > 6210 as lenover21@aol.com
> > > 1454 as lenanderson@ieee.org
> > >
> > > That's a grand total of no less than 10,993 postings to rrap, under no
> > > less than seven different screen names, all by you. There may be more -
> > > 10,993 is a minimum number.
> > >
> > > Google never forgets.
> > >
> > > If your ability to count *your own postings* results in a number that
> > > is so inaccurate, why should anyone trust your counts of other things?
> > >
> > > If your ability to represent your own history of posting to rrap is so
> > > error-filled, why should anyone trust your recounting of other history?
> >
> > Jim, would you mind tallying up all of your postings under all of your
> > screen names?

>
> Whatever would be the point of that?
>
> Here are just *some* of yours, Brian Burke:
>
> 1577 as hot-ham-and-cheese@hotmail.com
> 2863 as burke1@icss.net
> 2973 as billybeeper@juno.com
> 2211 as brianburke@my-dejanews.com
>
> These are just your posts to rrap, and just the ones using those four
> screen names. There are probably many more under other names.
>
> Total comes to 9,624.
>
> Google never forgets.
>
> There are probably other screen names

Nope, I think I had one with my call. I switched to an "anon" after too much unwarranted attention was being paid to where my residence was by some of the bad elements on RRAP. Then Hans asked me to give up Billy, and I did. I selected a screen name with "ham" in the title just for fun.

Now, Jim, would you mind tallying up all of your postings under all of your screen names?

Betcha can't.

4582. Re: Delta Loop Ideas Please

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 01:46:05 UTC
From: "J. Mc Laughlin" <jcm@power-net.net>
Message-ID: <12pe5ej6ncb316e@corp.supernews.com>
Source record: 47353

Dear John in UK (no call sign):

Five bands (14, 18, 21, 24, 29 MHz?) with one transmission line shouts
for the use of a LDPA. You can construct one that will work using
information in the ARRL Antenna Book or several other references.

Prof. Cebik has a number of notes on this type of antenna
(www.cebik.com). A good place to start is:
http://www.cebik.com/lpda/lpd.html

A Michigan company that I understand has dealers in UK, is Tennadyne.
http://www.tennadyne.com/index.html
They make good quality, simple LPDAs. I have no connection to the firm.

Successfully nesting five tightly coupled antennas is a very difficult
task. A LPDA will work.

73 Mac N8TT

--
J. Mc Laughlin; Michigan U.S.A.
Home: JCM@Power-Net.Net

"John" <Q.R.Z.@dxdx.co.uk> wrote in message
news:4594ef77$0$31222$da0feed9@news.zen.co.uk...
> I have been researching for a while now around the area of nested delta
> loops. I want to upgrade my multi-band vertical antenna with delta loops,
> each one resonant to cover 20 to 10m. However there is nothing on the
> internet about nested delta loops. My wish is to have the delta loops
> orientated such that they are pointed at the top and fed one third of the
> way up one of the vertical sides to get a low angle of radiation.
>
> I realise that they have an impedance of around 100 Ohms and this would
need
> to be matched. The usual method of doing this is to use a quarter wave
> length of 75R coax to match to 50R.
>
> Much in the same way that parallel dipoles can be fed with a common
feeder,
> can 5 delta loops be fed via coax matching stubs with a common 50R feeder?
> (i.e. bring the ends of the matching stubs together?).
>
> I tried in the summer to nest 5 delta loops with the feed point as
described
> above and then brought the feed points together (without matching stubs) ,
> however it is not physically possible to do this - they really need

> separating out.
>
> Any ideas any one? My basic aim is to have 5 resonant antennas with no
> tuning unit involved.
>
> Thanks
>
> John
>
>

4583. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 01:50:15 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1167529815.822560.224720@73g2000cwn.googlegroups.com>
Source record: 47356
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

LenAnderson@ieee.org wrote:
> From: hot-ham-and-che...@hotmail.com on Sat, Dec 30 2006 3:42 am
>
> >N...@AOL.COM wrote:
> >> LenAnder...@ieee.org wrote:
>
> >> (snip of wordy rant)
>
> AS IF Miccolis is 'never' wordy... :-)

I like the one where he goes on and on and on about Amateur
contributions during WWII, when everyone know that the gubmn't shut
down amateur radio during WWII. None-the-Less, he goes on and on and
on about it.

> >> > Last night I did a quick copy of the
> >> > All-Time Posters on RRAP and here is what they had for 28
> >> > Dec 06:
> >
> >> > -me- 6,191
> >
> >> No, Len, that number is way too low.
>
> Google provided it. I just copied the numbers that Google
> put up of the TOP TEN. <shrug>
>
> Miccolis says the Top Ten listing is "wrong." That's a NEW
> territory of criticsm for him! :-)
>
> The WORST I can be accused of is being incomplete. :-)
>
> Miccolis cribs license class totals from the AH0A website
> and implies they are "his" since he NEVER shows the origin
> of his data. <shrug>
>
>
> >> If your ability to count *your own postings* results in a number that
> >> is so inaccurate, why should anyone trust your counts of other things?
>
> If I had "counted my own postings" I would have done so and
> listed all my 'handles' (screennames). :-)
>
> >> If your ability to represent your own history of posting to rrap is so
> >> error-filled, why should anyone trust your recounting of other history?

> >
> >Jim, would you mind tallying up all of your postings under all of your
> >screen names?
> >
> >Thanks a bunch.
>
> Brian, you're asking the impossible! :-)

NOT impossible. He's merely unwilling. ;^)

> "Quitefine" will never admit it. Nun of the Above is NEVER wrong!
>
> Happy New Year,
>
> LenAnderson@ieee.org

Happy New Year.

4584. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 01:55:05 UTC
From: hot-ham-and-cheese@hotmail.com
Message-ID: <1167530105.760154.302690@h40g2000cwb.googlegroups.com>
Source record: 47357
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

N2EY@AOL.COM wrote:
> LenAnderson@ieee.org wrote:
> > From: hot-ham-and-che...@hotmail.com on Sat, Dec 30 2006 3:42 am
> > >N...@AOL.COM wrote:
> > >> LenAnder...@ieee.org wrote:
> > >
> > >> > Last night I did a quick copy of the
> > >> > All-Time Posters on RRAP and here is what they had for 28
> > >> > Dec 06:
> > >
> > >> > -me- 6,191
> > >
> > >> No, Len, that number is way too low.
> > >
> > > Google provided it. I just copied the numbers that Google
> > > put up of the TOP TEN. <shrug>
> >
> > It's inaccurate. You did not interrogate Google correctly, and so the
> > number you gave is much lower than the actual number.
> >
> > If you can't be accurate, why should anyone trust you?
> >
> > > says the Top Ten listing is "wrong."
> >
> > Nope.
> >
> > I'm saying *you* are giving a number that is very inaccurate. 6,191 is
> > a lot less than 10,993.
> >
> > > That's a NEW
> > > territory of criticsm for him! :-)
> >
> > "Criticsm"?
> >
> > > The WORST I can be accused of is being incomplete. :-)
> >
> > In error is more like it.
> >
> > > cribs license class totals from the AH0A website
> > > and implies they are "his" since he NEVER shows the origin
> > > of his data. <shrug>
> >
> > No, that is not correct.

>
> The totals I post every two weeks do not come from AH0A.
>
> I have posted my source here. You are either too lazy or too
> incompetent to find it ;-)
>
> > >> If your ability to count *your own postings* results in a number that
> > >> is so inaccurate, why should anyone trust your counts of other things?
> >
> > If I had "counted my own postings" I would have done so and
> > listed all my 'handles' (screennames). :-)
>
> But you didn't. That means you intentionally posted a number that was
> too low.
>
> Some would say you tried to deceive us.
> >
> > >> If your ability to represent your own history of posting to rrap is so
> > >> error-filled, why should anyone trust your recounting of other history?
> > >
> > >Jim, would you mind tallying up all of your postings under all of your
> > >screen names?
> > >
> > >Thanks a bunch.
> >
> > Brian, you're asking the impossible! :-)
>
> Not impossible at all. Just unlikely.

So why should anyone trust anything you say when you run around
tallying up everyones posting totals except your own? Personal
opinion: you can't be trusted. ;^)

4585. Re: Delta Loop Ideas Please

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 01:57:17 UTC
From: NomadW8 <cpa599@gmail.com>
Message-ID: <1167530237.088329.70670@k21g2000cwa.googlegroups.com>
Source record: 47358

A full wave 20 meter delta loop, fed with open wire, ladder line or
even TV twin lead & a tuner will load up on all bands 10-40 meters.

Performance on 10-20 will be good, 30 & 40 a little less so.

Terry
W8EJO

John wrote:
> I have been researching for a while now around the area of nested delta
> loops. I want to upgrade my multi-band vertical antenna with delta loops,
> each one resonant to cover 20 to 10m. However there is nothing on the
> internet about nested delta loops. My wish is to have the delta loops
> orientated such that they are pointed at the top and fed one third of the
> way up one of the vertical sides to get a low angle of radiation.
>
> I realise that they have an impedance of around 100 Ohms and this would need
> to be matched. The usual method of doing this is to use a quarter wave
> length of 75R coax to match to 50R.
>
> Much in the same way that parallel dipoles can be fed with a common feeder,
> can 5 delta loops be fed via coax matching stubs with a common 50R feeder?
> (i.e. bring the ends of the matching stubs together?).
>
> I tried in the summer to nest 5 delta loops with the feed point as described
> above and then brought the feed points together (without matching stubs) ,
> however it is not physically possible to do this - they really need
> separating out.
>
> Any ideas any one? My basic aim is to have 5 resonant antennas with no
> tuning unit involved.
>
> Thanks
>
> John

4586. Re: Delta Loop Ideas Please

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 01:57:26 UTC
From: NomadW8 <cpa599@gmail.com>
Message-ID: <1167530245.967203.139850@n51g2000cwc.googlegroups.com>
Source record: 47359

A full wave 20 meter delta loop, fed with open wire, ladder line or
even TV twin lead & a tuner will load up on all bands 10-40 meters.

Performance on 10-20 will be good, 30 & 40 a little less so.

Terry
W8EJO

John wrote:
> I have been researching for a while now around the area of nested delta
> loops. I want to upgrade my multi-band vertical antenna with delta loops,
> each one resonant to cover 20 to 10m. However there is nothing on the
> internet about nested delta loops. My wish is to have the delta loops
> orientated such that they are pointed at the top and fed one third of the
> way up one of the vertical sides to get a low angle of radiation.
>
> I realise that they have an impedance of around 100 Ohms and this would need
> to be matched. The usual method of doing this is to use a quarter wave
> length of 75R coax to match to 50R.
>
> Much in the same way that parallel dipoles can be fed with a common feeder,
> can 5 delta loops be fed via coax matching stubs with a common 50R feeder?
> (i.e. bring the ends of the matching stubs together?).
>
> I tried in the summer to nest 5 delta loops with the feed point as described
> above and then brought the feed points together (without matching stubs) ,
> however it is not physically possible to do this - they really need
> separating out.
>
> Any ideas any one? My basic aim is to have 5 resonant antennas with no
> tuning unit involved.
>
> Thanks
>
> John

4587. Re: Delta Loop Ideas Please

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 01:57:33 UTC
From: NomadW8 <cpa599@gmail.com>
Message-ID: <1167530252.823130.71480@k21g2000cwa.googlegroups.com>
Source record: 47360

A full wave 20 meter delta loop, fed with open wire, ladder line or
even TV twin lead & a tuner will load up on all bands 10-40 meters.

Performance on 10-20 will be good, 30 & 40 a little less so.

Terry
W8EJO

John wrote:
> I have been researching for a while now around the area of nested delta
> loops. I want to upgrade my multi-band vertical antenna with delta loops,
> each one resonant to cover 20 to 10m. However there is nothing on the
> internet about nested delta loops. My wish is to have the delta loops
> orientated such that they are pointed at the top and fed one third of the
> way up one of the vertical sides to get a low angle of radiation.
>
> I realise that they have an impedance of around 100 Ohms and this would need
> to be matched. The usual method of doing this is to use a quarter wave
> length of 75R coax to match to 50R.
>
> Much in the same way that parallel dipoles can be fed with a common feeder,
> can 5 delta loops be fed via coax matching stubs with a common 50R feeder?
> (i.e. bring the ends of the matching stubs together?).
>
> I tried in the summer to nest 5 delta loops with the feed point as described
> above and then brought the feed points together (without matching stubs) ,
> however it is not physically possible to do this - they really need
> separating out.
>
> Any ideas any one? My basic aim is to have 5 resonant antennas with no
> tuning unit involved.
>
> Thanks
>
> John

4588. Re: Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 02:43:51 UTC
From: DaveC <wntu4@yahoo.com>
Message-ID: <1167533031.705965.265010@n51g2000cwc.googlegroups.com>
Source record: 47361
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

All this stuff about dumbing down America is garbage. This lady works
for the CDC and has this kind of attitude? Thats scary. By the same
token, I guess a physician is less of a doctor, is 'dumb' because he
uses an MRI to make a diagnosis rather than cutting someone open for
exploratory surgery.
Telegraphy (in its simplest form, smoke signals) has been around
for thousands of years, keys for a bit over 200. Its time to move on
people.
CW is a nice skill to have, as are woodworking, horseback riding
and knitting. But not one of them is relevant to life in the 21st
century. not even a little bit. If everyone with those abilities fell
off the planet right now, the world would hardly notice the loss. Thats
just the way it is. Amatuer Radio operators can be innovators that
move along with the times and embrace new opportunities (as we have
done for the most part) or we can keep crying about how things were in
the good old days and become (extinct) dinosaurs.
Now if you will excuse me I need to start studying for my General.

Stefan Wolfe wrote:
> SAN FRANCISCO: It may be the ultimate SOS.
>
> Morse Code is in distress.
> ......
> ......
> While the decision had been expected, some ham radio operators fear that
> their exclusive club has been opened to the unwashed masses
> - and that the very survival of Morse Code is in question.
> ......
> The demise of the Morse requirement, however, could be a boon for ham radio
> itself. After the FCC decision, demand for information
> about radio licenses surged from about 200 in a typical weekend to about
> 500, according to the American Radio Relay League, an
> organization representing ham radio operators.
> ......
> "It's part of the dumbing down of America," said Nancy Kott, editor of World
> Radio magazine and a field representative for the
> Centers for Disease of Control and Prevention in Metamora, Michigan. "We
> live in a society today that wants something for nothing."
>
> A female in a mostly male radio world, Kott is one of about 660,000 licensed
> ham operators in the United States and is the U.S.
> leader of Fists CW Club, an organization that calls itself the International
> Morse Preservation Society.

>
> ... So true, Ms. Kott...

4589. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 03:17:24 UTC
From: Bryan <bryan.swadenerNOSPAM@comcast.net>
Message-ID: <KNSdndriU-A-tgrYnZ2dnUVZ_s6onZ2d@giganews.com>
Source record: 47362

Jim wrote:
> You are not asking for the moon. What you want is a simple, compact,
> reliable antenna for both 144 and 440 MHz.. Having done a fair amount of
> that sort of RACES/ARES stuff, here's what I'd advise you.
>
> Go down to your local radio parts store, Rat Shack if that's all you've
got
> and get yourself a female BNC chassis connector (UG-1094, RS # 278-105).
> Get a couple of quality male BNC cable connectors while you are at it.
> Unfortunately for you, RS doesn't sell anything but that twist-on
solderless
> crap for male BNC, so you may wind up buying them mail order.
>
> Get yourself four 3/8" solder lugs and five 19" pieces of solid #14 copper
> wire (strip house romex if you have to).
>
> To each of the four solder lugs, solder one end of the #14 wire. These
will
> be the four ground plane wires. THe fifth piece of #14 will connect to
the
> solder cup on the bottom of the female BNC chassis connector to become the
> radiating element.
>
> Now put those four solder lugs over the radiating element and over the
> threads on the connector. Use the nut that came with the connector to
> fasten the solder lugs, each at approximately 90° from each other (a small
> crescent wrench or dedicated 1/2" wrench needs to be part of your
permanent
> tool kit). Bend them down at about a 45° angle.
>
> Take the two male connectors and make an RG-58 cable to run from your
radio
> to where you want to put your antenna. Connect one end of the cable to
your
> radio and the other end to the UG-1094 connector.
>
> You want to move the antenna? Disconnect the cable. Grab your wrench and
> pull that nut off. Take off all 4 ground plane wires. Bundle them up
> around the radiating element. Reassemble in the new location. Ten
seconds
> up, ten seconds down.
>
> You want to use it in the field outside? Bend a small hook (no more than

> 1/4" long) in the radiating element. Tie a roll of heavy twine to the
hook
> and bend the hook shut. Take the roll of twine and throw it around the
> highest tree limb you can find. Hoist that sucker up and you are on the
> air.
>
> We can dick around with a mounting bracket on the UG-1094 threads if you
> want to make a permanent installation out of it.
>
> (By the way, you are operating close enough to the third harmonic of 144
on
> 440 that the antenna will perform quite well on both frequencies.)
>
> Jim

I agree -- Chuck isn't looking to work big DX so, a complicated antenna is not needed. Another simple concept is a vertical dipole. Here's an illustration from "Simple, Low Cost Wire Antennas for Radio Amateurs", by William I. Orr and Stuart D. Cowan: http://tinyurl.com/yzydbo
The bottom section connects to the shield of the feedline. If made from tubing, it will act to decouple the outer surface of the shield. If cut for 144-148MHz (38-39" overall length), it will work at 432-444MHz as well. To make it portable, use stiff wire (welding rod, etc) for the top half, and schedule-40 ⁄" copper tubing for the bottom half. An insulated coupling can be fashioned from wood or plastic dowel or plastic pipe. More dowel or plastic pipe can be used as a carring handle. Like the ground plane, it can be suspended from an overhead support. It can also be slipped into/onto a baseplate if you don't have an overhead support available: nonmetallic umbrella stand, heavy flower vase, etc. With the exception of the feedline, your home improvement box store will have all the parts you need.

Bryan WA7PRC

4590. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 04:09:48 UTC
From: John Smith I <assemblywizard@gmail.com>
Message-ID: <0JGIh.121$fH6.111726@news.sisna.com>
Source record: 47363

Bryan wrote:
> ...
>

You remind me. I have built those antennas, long ago, in the past for 10M+ bands.

If I remember correctly they were termed "bazooka antennas." I kind of remember there was a recommended ratio of coax shield dia. to inside diameter of the sleeve--possibly the ratio of the radiating element figured into securing a 50/75 ohm match also?

You have any more data on that antenna?

Warmest regards,
JS

4591. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 04:19:12 UTC
From: Chuck James <c456james@sbcglobal.net>
Message-ID: <4TGlh.56758$wP1.42497@newssvr14.news.prodigy.net>
Source record: 47364

Thanks. I appreciate the suggestion, but I have built the antenna you described, using welding rod, plus a 440 MHz (smaller version), but in a crowded room the radials stick out farther than I want. I tried building a TV antenna line J-Pole today, but the SWR was higher than I expected. I haven't tried shortening it yet, but will when I get time. But I would still have to find some way to hang it from the ceiling or something. I really want something small, unobtrusive and cheap and easy to build.

"RST Engineering" <jim@rstengineering.com> wrote in message news:_Znlh.59$lH6.117876@news.sisna.com...
> You are not asking for the moon. What you want is a simple, compact,
> reliable antenna for both 144 and 440 MHz.. Having done a fair amount of
> that sort of RACES/ARES stuff, here's what I'd advise you.
>
> Go down to your local radio parts store, Rat Shack if that's all you've
> got and get yourself a female BNC chassis connector (UG-1094, RS #
> 278-105). Get a couple of quality male BNC cable connectors while you are
> at it. Unfortunately for you, RS doesn't sell anything but that twist-on
> solderless crap for male BNC, so you may wind up buying them mail order.
>
> Get yourself four 3/8" solder lugs and five 19" pieces of solid #14 copper
> wire (strip house romex if you have to).
>
> To each of the four solder lugs, solder one end of the #14 wire. These
> will be the four ground plane wires. THe fifth piece of #14 will connect
> to the solder cup on the bottom of the female BNC chassis connector to
> become the radiating element.
>
> Now put those four solder lugs over the radiating element and over the
> threads on the connector. Use the nut that came with the connector to
> fasten the solder lugs, each at approximately 90° from each other (a small
> crescent wrench or dedicated 1/2" wrench needs to be part of your
> permanent tool kit). Bend them down at about a 45° angle.
>
> Take the two male connectors and make an RG-58 cable to run from your
> radio to where you want to put your antenna. Connect one end of the cable
> to your radio and the other end to the UG-1094 connector.
>
> You want to move the antenna? Disconnect the cable. Grab your wrench and
> pull that nut off. Take off all 4 ground plane wires. Bundle them up
> around the radiating element. Reassemble in the new location. Ten
> seconds up, ten seconds down.
>
> You want to use it in the field outside? Bend a small hook (no more than

> 1/4" long) in the radiating element. Tie a roll of heavy twine to the
> hook and bend the hook shut. Take the roll of twine and throw it around
> the highest tree limb you can find. Hoist that sucker up and you are on
> the air.
>
> We can dick around with a mounting bracket on the UG-1094 threads if you
> want to make a permanent installation out of it.
>
> (By the way, you are operating close enough to the third harmonic of 144
> on 440 that the antenna will perform quite well on both frequencies.)
>
> Jim
>
>
>
>
>
>
>
>
>
> "Chuck James" <c456james@sbcglobal.net> wrote in message
> news:TDMkh.7702$yC5.4056@newssvr27.news.prodigy.net...
>>I know I could just go buy a mag-mount mobile antenna, but would it be
>>possible or even practical to build a J-pole type or vertical (without
>>long radials) antenna for 2m/70cm, out of welding rod, which could be
>>small enough to be easily portable and used inside different rooms? Our
>>local RACES is trying to set up a volunteer communications network inside
>>several different city and county offices to assist in emergencies. I
>>have searched (a little) for such a design, and found something similar,
>>made out of TV line, but would prefer something that could be made free
>>standing and as small as practical. The Welding Rod antennas made with 45
>>degree radials are a little bulky to move through congested hallways. The
>>idea is to make it portable enough to move from room to room as needed.
>>Long radials would impede moving through hallways.
>> Thanks in advance, KE5GEO
>>
>>
>
>

4592. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 04:26:51 UTC
From: Chuck James <c456james@sbcglobal.net>
Message-ID: <f_Glh.56759$wP1.51850@newssvr14.news.prodigy.net>
Source record: 47365

This looks like what i am asking for, but the picture is not very clear.
Any more details anywhere?

"Bryan" <bryan.swadenerNOSPAM@comcast.net> wrote in message
news:KNSdndriU-A-tgrYnZ2dnUVZ_s6onZ2d@giganews.com...
> Jim wrote:
>> You are not asking for the moon. What you want is a simple, compact,
>> reliable antenna for both 144 and 440 MHz.. Having done a fair amount of
>> that sort of RACES/ARES stuff, here's what I'd advise you.
>>
>> Go down to your local radio parts store, Rat Shack if that's all you've
> got
>> and get yourself a female BNC chassis connector (UG-1094, RS # 278-105).
>> Get a couple of quality male BNC cable connectors while you are at it.
>> Unfortunately for you, RS doesn't sell anything but that twist-on
> solderless
>> crap for male BNC, so you may wind up buying them mail order.
>>
>> Get yourself four 3/8" solder lugs and five 19" pieces of solid #14
>> copper
>> wire (strip house romex if you have to).
>>
>> To each of the four solder lugs, solder one end of the #14 wire. These
> will
>> be the four ground plane wires. THe fifth piece of #14 will connect to
> the
>> solder cup on the bottom of the female BNC chassis connector to become
>> the
>> radiating element.
>>
>> Now put those four solder lugs over the radiating element and over the
>> threads on the connector. Use the nut that came with the connector to
>> fasten the solder lugs, each at approximately 90° from each other (a
>> small
>> crescent wrench or dedicated 1/2" wrench needs to be part of your
> permanent
>> tool kit). Bend them down at about a 45° angle.
>>
>> Take the two male connectors and make an RG-58 cable to run from your
> radio
>> to where you want to put your antenna. Connect one end of the cable to
> your
>> radio and the other end to the UG-1094 connector.

>>
>> You want to move the antenna? Disconnect the cable. Grab your wrench
>> and
>> pull that nut off. Take off all 4 ground plane wires. Bundle them up
>> around the radiating element. Reassemble in the new location. Ten
> seconds
>> up, ten seconds down.
>>
>> You want to use it in the field outside? Bend a small hook (no more than
>> 1/4" long) in the radiating element. Tie a roll of heavy twine to the
> hook
>> and bend the hook shut. Take the roll of twine and throw it around the
>> highest tree limb you can find. Hoist that sucker up and you are on the
>> air.
>>
>> We can dick around with a mounting bracket on the UG-1094 threads if you
>> want to make a permanent installation out of it.
>>
>> (By the way, you are operating close enough to the third harmonic of 144
> on
>> 440 that the antenna will perform quite well on both frequencies.)
>>
>> Jim
>
> I agree -- Chuck isn't looking to work big DX so, a complicated antenna is
> not needed. Another simple concept is a vertical dipole. Here's an
> illustration from "Simple, Low Cost Wire Antennas for Radio Amateurs", by
> William I. Orr and Stuart D. Cowan: http://tinyurl.com/yzydbo
> The bottom section connects to the shield of the feedline. If made from
> tubing, it will act to decouple the outer surface of the shield. If cut
> for
> 144-148MHz (38-39" overall length), it will work at 432-444MHz as well. To
> make it portable, use stiff wire (welding rod, etc) for the top half, and
> schedule-40 ¼" copper tubing for the bottom half. An insulated coupling
> can
> be fashioned from wood or plastic dowel or plastic pipe. More dowel or
> plastic pipe can be used as a carring handle. Like the ground plane, it
> can
> be suspended from an overhead support. It can also be slipped into/onto a
> baseplate if you don't have an overhead support available: nonmetallic
> umbrella stand, heavy flower vase, etc. With the exception of the
> feedline,
> your home improvement box store will have all the parts you need.
>
> Bryan WA7PRC
>
>

4593. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 04:28:30 UTC
From: Bryan <bryan.swadenerNOSPAM@comcast.net>
Message-ID: <OOqdnVStT5XQoQrYnZ2dnUVZ_rqhnZ2d@giganews.com>
Source record: 47366

John Smith wrote:
> Bryan wrote:
> > ...
> >
>
> You remind me. I have built those antennas, long ago, in the past for
> 10M+ bands.
>
> If I remember correctly they were termed "bazooka antennas." I kind of
> remember there was a recommended ratio of coax shield dia. to inside
> diameter of the sleeve--possibly the ratio of the radiating element
> figured into securing a 50/75 ohm match also?
>
> You have any more data on that antenna?
>
> Warmest regards,
> JS

Hi John,

I found the image here: http://www.alpharubicon.com/elect/vertdipoleniet.htm and cleaned it up. There're more links to bazooka antennas here: http://www.dxzone.com/catalog/Antennas/Bazooka/ I thought this construction method: http://www.start.ca/users/ldblake/bazooka.htm was particularly innovative.

73,
Bryan WA7PRC

4594. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 04:34:28 UTC
From: Bryan <bryan.swadenerNOSPAM@comcast.net>
Message-ID: <kpmdnQp0SaYpoArYnZ2dnUVZ_ualnZ2d@giganews.com>
Source record: 47367

Chuck James wrote:
> This looks like what i am asking for, but the picture is not very clear.
> Any more details anywhere?
>
Hi Chuck,

I found the image here: http://www.alpharubicon.com/elect/vertdipoleniet.htm and cleaned it up -- not much more info available on that page. It's basically a dipole turned vertical. With the feedline going thru the bottom half and connecting at the top of that section, it becomes a "bazooka" vertical.

There're more links to bazooka antennas here: http://www.dxzone.com/catalog/Antennas/Bazooka/ I thought this construction method: http://www.start.ca/users/ldblake/bazooka.htm was particularly innovative. I don't think you'd need to use RG-8 as described -- just about any 50-ohm feedline would work fine.

73,
Bryan WA7PRC

4595. Monkey Generals, was Code Free "It's part of the dumbing down of America," according to CDC

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 04:50:14 UTC
From: Stefan Wolfe <stefan@eml.com>
Message-ID: <45974189$0$8937$4c368faf@roadrunner.com>
Source record: 47368
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

"DaveC" <wntu4@yahoo.com> wrote in message > >Now if you will excuse me I need to start studying for >my General.

Good one Dave. When you start "studying" for your general you will see how dumbed down and simple it is and you might marvel at why the QPC would have ever even bothered to commit such a "test" to publication. It may also occur to you that, as the the Geico commercial says, it is so easy a caveman could do it. Actually I would move back perhaps 25 millions earlier in the evolutionary cycle and say it is so easy, even a monkey could do it.

And monkeys it will be.

The new Monkey General class :-)

4596. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 05:03:48 UTC
From: RST Engineering <jim@rstengineering.com>
Message-ID: <gxHlh.127$FI6.203837@news.sisna.com>
Source record: 47373

Bullshit. It is NOT a bazooka, it is a simple ground plane with bent over rods.

STOP TRYING TO CONFUSE THE GUY. It is a simple ground plane with removable radials. STOP POSTING ABOUT THE STUPID BAZOOKA.

Jim

"Bryan" <bryan.swadenerNOSPAM@comcast.net> wrote in message news:kpmdnQp0SaYpoArYnZ2dnUVZ_ualnZ2d@giganews.com...
> Chuck James wrote:
>> This looks like what i am asking for, but the picture is not very clear.
>> Any more details anywhere?
>>
> Hi Chuck,
>
> I found the image here:
> http://www.alpharubicon.com/elect/vertdipoleniet.htm
> and cleaned it up -- not much more info available on that page. It's
> basically a dipole turned vertical. With the feedline going thru the
> bottom
> half and connecting at the top of that section, it becomes a "bazooka"
> vertical.

4597. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 05:21:38 UTC
From: RST Engineering <jim@rstengineering.com>
Message-ID: <0OHlh.129$PF6.73801@news.sisna.com>
Source record: 47369

Jesus Christ, I give you step by step directions with part numbers and parts sources and you can't figure out how to do it.

Go away. Just go away.

Jim

"Chuck James" <c456james@sbcglobal.net> wrote in message news:f_Glh.56759$wP1.51850@newssvr14.news.prodigy.net...
> This looks like what i am asking for, but the picture is not very clear.
> Any more details anywhere?

4598. Code Free "It's part of the dumbing down of America,"

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 05:22:52 UTC
From: Mark@kb9rqz.aprs
Message-ID: <c8iep2htvslqg48bbspj7r3628g4mj848v@4ax.com>
Source record: 47370
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna

On Sat, 30 Dec 2006 23:50:14 -0500, "Stefan Wolfe" <stefan@eml.com>
wrote:

>
>"DaveC" <wntu4@yahoo.com> wrote in message > >Now if you will excuse me I
>need to start studying for >my General.
>
>Good one Dave. When you start "studying" for your general you will see how
>dumbed down and simple it is and you might marvel at why the QPC would have
>ever even bothered to commit such a "test" to publication

why not come out again SC
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4599. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 05:25:50 UTC
From: RST Engineering <jim@rstengineering.com>
Message-ID: <VRHlh.130$ZG6.98401@news.sisna.com>
Source record: 47372

I'm sure you know what you want, and I'm sure you have all the lab equipment
necessary to calculate VSWR on an antenna inside a conductive structure.
I'm also sure you have built antennas for emergency and portable use for
fifty years, so you are on your own so far as I'm concerned.

Cheap, easy, small. Pick two.

Best of luck; write if you get work.

Jim

"Chuck James" <c456james@sbcglobal.net> wrote in message
news:4TGlh.56758$wP1.42497@newssvr14.news.prodigy.net...
> Thanks. I appreciate the suggestion, but I have built the antenna you
> described, using welding rod, plus a 440 MHz (smaller version), but in a
> crowded room the radials stick out farther than I want. I tried building
> a TV antenna line J-Pole today, but the SWR was higher than I expected. I
> haven't tried shortening it yet, but will when I get time. But I would
> still have to find some way to hang it from the ceiling or something. I
> really want something small, unobtrusive and cheap and easy to
> build.>>>standing and as small as practical. The Welding Rod antennas
> made with 45
>>>degree radials are a little bulky to move through congested hallways.
>>>The idea is to make it portable enough to move from room to room as
>>>needed. Long radials would impede moving through hallways.
>>> Thanks in advance, KE5GEO

4600. kookathon

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 05:25:55 UTC
From: an old friend <kb9rqz@yahoo.com>
Message-ID: <1167542755.781774.230300@h40g2000cwb.googlegroups.com>
Source record: 47371
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.shortwave,alt.radio.scanner

KB7ADL wrote:
> "Cardinal Snarky of the Fannish Inquisition" <inquisition@smof.org> wrote in
> message news:pan.2006.12.19.05.37.41.825504@smof.org...
> > On Sat, 16 Dec 2006 19:05:41 -0800, brian.burp sat in thee Comfee Chaire,
> > and didst finally confess, after taking Muche Tea:
> >> M...@kb9rqz.aprs wrote:
> >>> On 16 Dec 2006 18:53:43 -0800, "MarQueerMyDear" wrote:

> > So, essentially what you're doing is having a screaming, homo-/biphobic
> > fit about Mark C. Morgan.
> >
> >
> Worthless homophobes make me sick to my stomach. They are the scurge of ham
> radio.

then why are you such a worthless homophobe SC

4601. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 06:12:27 UTC
From: John Smith I <assemblywizard@gmail.com>
Message-ID: <ZvIlh.162$vl6.193725@news.sisna.com>
Source record: 47374

RST Engineering wrote:
> ...

For years now I have had an alarm on the wall of the shack; its' meter needle has never moved.

I built it for an old-old magazine article issued on April 1 of some past year, written by a Dr. Kuku I believe.

I surely thought I must have made an error in its' construction, as, like I say, the meter needle has NEVER moved.

But, darn it, when I opened up your post--the damn meter needle went clear off scale!

Darn ku-ku meter works!!!

JS

4602. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 07:50:08 UTC
From: Bryan <bryan.swadenerNOSPAM@comcast.net>
Message-ID: <EKCdnRiQhMUN9grYnZ2dnUVZ_rylnZ2d@giganews.com>
Source record: 47375

Jim exclaimed:
> Bull----. It is NOT a bazooka, it is a simple ground plane with bent over
> rods.
>
> STOP TRYING TO CONFUSE THE GUY. It is a simple ground plane with
removable
> radials. STOP POSTING ABOUT THE STUPID BAZOOKA.
>
> Jim

Jim:

Alright, it's not a bazooka; it's a decoupling sleeve (thank you for the enlightenment). Semantics aside, it will do what the OP wishes it to, and in a physical representation that will work within his constraints.

Regards,
Bryan

4603. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 08:04:51 UTC
From: Bryan <bryan.swadenerNOSPAM@comcast.net>
Message-ID: <fK6dnRwuFrie8grYnZ2dnUVZ_tunnZ2d@giganews.com>
Source record: 47226

Jim demanded:
STOP POSTING ABOUT...
> Jim

Jim:

AFIK, usenet is open to anyone to post anything that does not transcend legal limits, and I have not come anywhere close to that limit. Until I cross that line, you (or anyone) is welcome to challenge anything I may post in a *non-confrontational* manner.

Regards,
Bryan WA7PRC

4604. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 08:32:17 UTC
From: Not Lloyd <anon@anon>
Message-ID: <j4i3n.v32.19.1@news.alt.net>
Source record: 47227
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"Barry OGrady" <god_free_jones@yahoo.com> wrote in message
news:1h6ep2di75mpepcveb4bs0u5vte4mghbo2@4ax.com...
> On Fri, 03 Nov 2006 04:12:47 GMT, RadioGuy <RadioGuy@radioguy.com> wrote:
>
> >In article <Yrw2h.1170$L6.382@newsread3.news.pas.earthlink.net>,
> >my.mail@no.spam says...
> >> "Invader3K" <beckermt@hotmail.com> wrote in
> >> news:1162475014.725499.251720@e3g2000cwe.googlegroups.com:
> >>
> >> >
> >> > Paul Keenleyside wrote:
> >> >> "Slow Code" <my.mail@no.spam> wrote in message
> >> >> news:VMb2h.1209$l25.548@newsread4.news.pas.earthlink.net...
> >> >> > At club meetings, no-codes and nickle hams should have to stand up
> >> >> > and salute when a 20wpm code tested Extra comes into the room.
> >> >> >
> >> >> > SC
> >> >>
> >> >> Depends if he brought the coke and pizzas for the meeting or not.
> >> >>
> >> >> have to know what's important these days in running a club.
> >> >
> >> > Crap like this is why I haven't gone for a ham license. I've worked
in
> >> > real broadcast radio and thought about taking the amateur test, but I
> >> > have no desire to be in a hobby filled with childish old geezers.
> >>
> >>
> >>
> >> No-code hams in wheelchairs have to stand and salute the Extra too.
Being
> >> in a wheelchair is no excuse for not standing up and saluting.
> >>
> >>
> >> SC
> >>
> >>You're a discusting low life peice of shit for saying that. I have a
> >>Ham friend who is an extra and is in a wheel chair and can probably
> >>still kick you're sorry ass!!
>
> His are sorry ass?
> Barry
> =====

> Home page
> http://members.iinet.net.au/~barry.og

"discusting"????
"you're" instead of "your" sorry ass??
"peice" in lieu of "piece"?

Must be a no-coder fresh off 11 meters.

4605. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 08:40:48 UTC
From: wîthhËld fØr rËåsØñs Øf ñå tîØñål SËÇürîty <root@fbi.gov>
Message-ID: <1167554449.948471@www.vif.com>
Source record: 47228
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

FUCKEN IDIOTS!

CROSS POSTING AMATEUR RADIO SHIT IN SCANER FORUM AGAIN!
FUCK OFF! GET A LIFE!

David G. Nagel wrote:
> Slow Code wrote:
>
>> At club meetings, no-codes and nickle hams should have to stand up and
>> salute when a 20wpm code tested Extra comes into the room.
>> SC
>
>
> Middle finger salute.....
>
>
> Dave N
>
>
> ---
> avast! Antivirus: Inbound message clean.
> Virus Database (VPS): 0666-0, 12/30/2006
> Tested on: 12/31/2006 3:39:47 AM
> avast! - copyright (c) 1988-2006 ALWIL Software.
> http://www.avast.com
>
>
>

---
avast! Antivirus: Outbound message clean.
Virus Database (VPS): 0666-0, 12/30/2006
Tested on: 12/31/2006 3:40:48 AM
avast! - copyright (c) 1988-2006 ALWIL Software.
http://www.avast.com

4606. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 08:40:57 UTC
From: wîthhËld fØr rËåsØñs Øf ñå tîØñål SËÇürîty <root@fbi.gov>
Message-ID: <1167554458.565676@www.vif.com>
Source record: 47229
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

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Jerseyj wrote:

> In article <12kiihqsvmnnv58@corp.supernews.com>,
> "David G. Nagel" <nagel@core.com> wrote:
>
>
>>Slow Code wrote:
>>
>>
>>>At club meetings, no-codes and nickle hams should have to stand up and
>>>salute when a 20wpm code tested Extra comes into the room.
>>>
>>>SC
>>
>>Middle finger salute.....
>>
>>
>>Dave N
>
>
> Mmmm...maybe the Extra's should stand up and salute when someone who can
> program a software programmable transceiver shows up ? An EME specialist
> ? Someone who builds radios ?
>
>
> ---
> avast! Antivirus: Inbound message clean.
> Virus Database (VPS): 0666-0, 12/30/2006
> Tested on: 12/31/2006 3:40:53 AM
> avast! - copyright (c) 1988-2006 ALWIL Software.
> http://www.avast.com
>
>
>

---
avast! Antivirus: Outbound message clean.
Virus Database (VPS): 0666-0, 12/30/2006
Tested on: 12/31/2006 3:40:57 AM

avast! - copyright (c) 1988-2006 ALWIL Software.
http://www.avast.com

4607. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 08:41:16 UTC
From: wîthhËld fØr rËåsØñs Øf ñå tîØñål SËÇürîty <root@fbi.gov>
Message-ID: <1167554478.36891@www.vif.com>
Source record: 47230
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

FUCKEN IDIOTS!

CROSS POSTING AMATEUR RADIO SHIT IN SCANER FORUM AGAIN!
FUCK OFF! GET A LIFE!

Jerseyj wrote:

> In article <12kiihqsvmnnv58@corp.supernews.com>,
> "David G. Nagel" <nagel@core.com> wrote:
>
>
>>Slow Code wrote:
>>
>>
>>>At club meetings, no-codes and nickle hams should have to stand up and
>>>salute when a 20wpm code tested Extra comes into the room.
>>>
>>>SC
>>
>>Middle finger salute.....
>>
>>
>>Dave N
>
>
> Mmmm...maybe the Extra's should stand up and salute when someone who can
> program a software programmable transceiver shows up ? An EME specialist
> ? Someone who builds radios ?
>
>
> ---
> avast! Antivirus: Inbound message clean.
> Virus Database (VPS): 0666-0, 12/30/2006
> Tested on: 12/31/2006 3:40:53 AM
> avast! - copyright (c) 1988-2006 ALWIL Software.
> http://www.avast.com
>
>
>

---
avast! Antivirus: Outbound message clean.
Virus Database (VPS): 0666-0, 12/30/2006
Tested on: 12/31/2006 3:41:17 AM

avast! - copyright (c) 1988-2006 ALWIL Software.
http://www.avast.com

4608. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 08:41:25 UTC
From: wîthhËld fØr rËåsØñs Øf ñå tîØñål SËÇürîty <root@fbi.gov>
Message-ID: <1167554487.175874@www.vif.com>
Source record: 47231
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

FUCKEN IDIOTS!

CROSS POSTING AMATEUR RADIO SHIT IN SCANER FORUM AGAIN!
FUCK OFF! GET A LIFE!

Mark@kb9rqz.aprs wrote:

> On Sun, 5 Nov 2006 01:46:43 -0500, "Titties n Beer" <anon@anon> wrote:
>
>
>>"Jimmie D" <jimmiedee@bellsouth.net> wrote in message
>>news:N7f3h.5158$3L.690@bignews2.bellsouth.net...
>
>
>>But they DID learn CW!
>
> and you still have not learned how to quote properly
>
>>If they did, so can you.
>
> a dubous assertion at best, in truth it is irelavant to issue
>
>>Stop looking for a Freebie to get your General ticket.
>
>
> who is proposing one?
>
>>
>>
>>
> http://kb9rqz.blogspot.com/
>

---
avast! Antivirus: Outbound message clean.
Virus Database (VPS): 0666-0, 12/30/2006
Tested on: 12/31/2006 3:41:26 AM
avast! - copyright (c) 1988-2006 ALWIL Software.
http://www.avast.com

4609. Re: Show some respect.blows code out your ear

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 08:41:35 UTC
From: wîthhËld fØr rËåsØñs Øf ñå tîØñål SËÇürîty <root@fbi.gov>
Message-ID: <1167554497.136130@www.vif.com>
Source record: 47232
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

FUCKEN IDIOTS!

CROSS POSTING AMATEUR RADIO SHIT IN SCANER FORUM AGAIN!
FUCK OFF! GET A LIFE!

Mark@kb9rqz.aprs wrote:

> On Thu, 02 Nov 2006 01:24:05 GMT, Slow Code <my.mail@no.spam> wrote:
>
>
>>At club meetings, no-codes and nickle hams should have to stand up and
>>salute when a 20wpm code tested Extra comes into the room.
>>
>>SC
>
> yu are a stupid fucker
> http://kb9rqz.blogspot.com/
>

---
avast! Antivirus: Outbound message clean.
Virus Database (VPS): 0666-0, 12/30/2006
Tested on: 12/31/2006 3:41:36 AM
avast! - copyright (c) 1988-2006 ALWIL Software.
http://www.avast.com

4610. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 08:41:45 UTC
From: wîthhËld fØr rËåsØñs Øf ñå tîØñål SËÇürîty <root@fbi.gov>
Message-ID: <1167554517.105937@www.vif.com>
Source record: 47233
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

FUCKEN IDIOTS!

CROSS POSTING AMATEUR RADIO SHIT IN SCANER FORUM AGAIN!
FUCK OFF! GET A LIFE!

RadioGuy wrote:

> In article <1162431513.452757.151960@m7g2000cwm.googlegroups.com>, hot-
> ham-and-cheese@hotmail.com says...
>
>>Slow Code wrote:
>>
>>>At club meetings, no-codes and nickle hams should have to stand up and
>>>salute when a 20wpm code tested Extra comes into the room.
>>>
>>>SC
>>
>>Bruce, you're not a 20wpm code tested extra.
>>
>>
>
> SC is a 2wpm extra special retard!!!
>
>
> ---
> avast! Antivirus: Inbound message clean.
> Virus Database (VPS): 0666-0, 12/30/2006
> Tested on: 12/31/2006 3:41:43 AM
> avast! - copyright (c) 1988-2006 ALWIL Software.
> http://www.avast.com
>
>
>

---
avast! Antivirus: Outbound message clean.
Virus Database (VPS): 0666-0, 12/30/2006
Tested on: 12/31/2006 3:41:56 AM
avast! - copyright (c) 1988-2006 ALWIL Software.
http://www.avast.com

4611. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 08:42:09 UTC
From: wîthhËld fØr rËåsØñs Øf ñå tîØñål SËÇürîty <root@fbi.gov>
Message-ID: <1167554532.818301@www.vif.com>
Source record: 47234
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

FUCKEN IDIOTS!

CROSS POSTING AMATEUR RADIO SHIT IN SCANER FORUM AGAIN!
FUCK OFF! GET A LIFE!

Paul Keenleyside wrote:

> "Slow Code" <my.mail@no.spam> wrote in message
> news:VMb2h.1209$l25.548@newsread4.news.pas.earthlink.net...
>
>>At club meetings, no-codes and nickle hams should have to stand up and
>>salute when a 20wpm code tested Extra comes into the room.
>>
>>SC
>
>
> Depends if he brought the coke and pizzas for the meeting or not.
>
> have to know what's important these days in running a club.
>
>
>
>
>
>
> ---
> avast! Antivirus: Inbound message clean.
> Virus Database (VPS): 0666-0, 12/30/2006
> Tested on: 12/31/2006 3:42:00 AM
> avast! - copyright (c) 1988-2006 ALWIL Software.
> http://www.avast.com
>
>
>

---
avast! Antivirus: Outbound message clean.
Virus Database (VPS): 0666-0, 12/30/2006
Tested on: 12/31/2006 3:42:11 AM
avast! - copyright (c) 1988-2006 ALWIL Software.
http://www.avast.com

4612. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 08:42:21 UTC
From: wîthhËld fØr rËåsØñs Øf ñå tîØñål SËÇürîty <root@fbi.gov>
Message-ID: <1167554544.855330@www.vif.com>
Source record: 47235
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

FUCKEN IDIOTS!

CROSS POSTING AMATEUR RADIO SHIT IN SCANER FORUM AGAIN!
FUCK OFF! GET A LIFE!

Harold E. Johnson wrote:

> "Invader3K" <beckermt@hotmail.com> wrote in message
> news:1162475014.725499.251720@e3g2000cwe.googlegroups.com...
>
>>
>
> "Invader3K" <beckermt@hotmail.com> wrote in message
> news:1162475014.725499.251720@e3g2000cwe.googlegroups.com...
>
>
>>Crap like this is why I haven't gone for a ham license. I've worked in
>>real broadcast radio and thought about taking the amateur test, but I
>>have no desire to be in a hobby filled with childish old geezers.
>>
>
>
> Now careful there who you call an old geezer. I'm the same age as Winnie the
> Poo, and I too take umbrage with all the childish crud foisted upon the
> newsgroups by SC and others of his ilk. I'd be willing to place a wager that
> the SOB (Not to be implied that his name is Sweet Old Bill), is under 50
> years of age and more likely, under 30. Certainly his mental age (and
> capacity) is less than any of my 6 great grandchildren and one of those is
> still in the oven.
>
> Give the ham ticket another go. It's a great hobby despite the best efforts
> of that little publishing company in Connecticut, the QCWA and a few
> disgruntled idiots that have to have some reason to think themselves better
> than others even if it's only through an obsolete mechanical skill likely
> teachable to a reasonably smart chimpanzee.
>
> W4ZCB
>
>
>
>
> ---
> avast! Antivirus: Inbound message clean.
> Virus Database (VPS): 0666-0, 12/30/2006

> Tested on: 12/31/2006 3:42:17 AM
> avast! - copyright (c) 1988-2006 ALWIL Software.
> http://www.avast.com
>
>
>

---
avast! Antivirus: Outbound message clean.
Virus Database (VPS): 0666-0, 12/30/2006
Tested on: 12/31/2006 3:42:23 AM
avast! - copyright (c) 1988-2006 ALWIL Software.
http://www.avast.com

4613. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 09:16:43 UTC
From: "Sal M. Onella" <salmonella@food.poisoning.org>
Message-ID: <2eLlh.82250$Zb5.19646@newsfe13.phx>
Source record: 47236

"Cecil Moore" <mycall@hotmail.com> wrote in message
news:Eozlh.27828$hI.2146@newssvr11.news.prodigy.net...
> John Smith I wrote:
> > Cecil Moore wrote:
> >> RST Engineering wrote:
> >>> (By the way, you are operating close enough to the third harmonic of
> >>> 144 on 440 that the antenna will perform quite well on both
> >>> frequencies.)
> >>
> >> It will even perform well as a satellite antenna on
> >> 440. EZNEC says it has a TOA of about 45 degrees.
> >
> > Hmmm. In some cases, would be nice to keep more of that signal
> > terrestrial.
>
> That's the subtle point I was trying to make. To keep
> the TOA low, the antenna should not exceed 5/8 WL.
> 6/8 WL raises the TOA. That's not optimum for hitting
> repeaters unless they are on very high, very close
> mountains.
> --
> 73, Cecil http://www.w5dxp.com

Yup, the peak of the main lobe is elevated. ... but my 144 copper pipe j-pole does put sufficient 440 energy toward the horizon that I am often able to hit a repeater more than 70 miles away (Santiago Peak in Orange County CA from southern San Diego County). Power out is around 4 watts from a Yaesu FT-530.

Just now I tried Santiago and didn't hear back, so I tried 449.08 on Palomar Mountain, 45 miles away, with a half watt and bought it up. Antenna is only 20 ft above ground; house is around 510 ft above sea level on a small rise.

4614. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 09:34:20 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <guLlh.16348$h_1.1987@bignews6.bellsouth.net>
Source record: 47237

"Chuck James" <c456james@sbcglobal.net> wrote in message
news:TDMkh.7702$yC5.4056@newssvr27.news.prodigy.net...
>I know I could just go buy a mag-mount mobile antenna, but would it be
>possible or even practical to build a J-pole type or vertical (without long
>radials) antenna for 2m/70cm, out of welding rod, which could be small
>enough to be easily portable and used inside different rooms? Our local
>RACES is trying to set up a volunteer communications network inside several
>different city and county offices to assist in emergencies. I have
>searched (a little) for such a design, and found something similar, made
>out of TV line, but would prefer something that could be made free standing
>and as small as practical. The Welding Rod antennas made with 45 degree
>radials are a little bulky to move through congested hallways. The idea is
>to make it portable enough to move from room to room as needed. Long
>radials would impede moving through hallways.
> Thanks in advance, KE5GEO
>
>

Yes you should be able to build one out of welding rod. I built mine out of brazing rod and an N connector. It is an open stub design where the bottom end of the matching section is open instead of shorted like most designs and is fed from the bottom. 3/4 wl part is connected directly to the center pin of an N connecter, short side is connected to the outside of the N connector. Seems to work OK but it got to be a real pain and probably a saftey hazard "put your eye out kid". Finally made an in-door antenna modeled after a 60s 70s style pole lamp. SImplest version was a piece of PVC pipe about 8 ft long that you wedge between ceiling anf floor and tape a dipole to the antenna. I think I still have a wooden one around somewhere that uses pieces of a tape measure for elements..

4615. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 10:16:31 UTC
From: wîthhËld fØr rËåsØñs Øf ñå tîØñål SËÇürîty <NotLloyd>
Message-ID: <1167560193.573475@www.vif.com>
Source record: 47238
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

AMATEUR ARE NOTHING BUT STUCK UP IDIOTS THINKS KNOW IT ALL!

one word comes to mind: brainless stuck up idiot (describes amateur
radio person)

Slow Code wrote:
> At club meetings, no-codes and nickle hams should have to stand up and
> salute when a 20wpm code tested Extra comes into the room.
>
> SC
>
>
> ---
> avast! Antivirus: Inbound message clean.
> Virus Database (VPS): 0666-0, 12/30/2006
> Tested on: 12/31/2006 5:06:12 AM
> avast! - copyright (c) 1988-2006 ALWIL Software.
> http://www.avast.com
>
>
>

---
avast! Antivirus: Outbound message clean.
Virus Database (VPS): 0666-0, 12/30/2006
Tested on: 12/31/2006 5:16:32 AM
avast! - copyright (c) 1988-2006 ALWIL Software.
http://www.avast.com

4616. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 10:18:12 UTC
From: wîthhËld fØr rËåsØñs Øf ñå tîØñål SËÇürîty <NotLloyd>
Message-ID: <1167560293.979057@www.vif.com>
Source record: 47239
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

ONE FINGER SALUTE FUCK OFF!

Slow Code wrote:
> At club meetings, no-codes and nickle hams should have to stand up and
> salute when a 20wpm code tested Extra comes into the room.
>
> SC
>
>
> ---
> avast! Antivirus: Inbound message clean.
> Virus Database (VPS): 0666-0, 12/30/2006
> Tested on: 12/31/2006 5:06:12 AM
> avast! - copyright (c) 1988-2006 ALWIL Software.
> http://www.avast.com
>
>
>

---
avast! Antivirus: Outbound message clean.
Virus Database (VPS): 0666-0, 12/30/2006
Tested on: 12/31/2006 5:18:13 AM
avast! - copyright (c) 1988-2006 ALWIL Software.
http://www.avast.com

4617. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 11:16:32 UTC
From: Not Lloyd <anon@anon>
Message-ID: <j4rnk.49i.17.1@news.alt.net>
Source record: 47240
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"w�thh�ld f�r r��s��s �f ��t����l S���r�ty" <NotLloyd> wrote in message
news:1167560193.573475@www.vif.com...
> AMATEUR ARE NOTHING BUT STUCK UP IDIOTS THINKS KNOW IT ALL!
>
>
> one word comes to mind: brainless stuck up idiot (describes amateur
> radio person)
>
Hop into your beat up pickup, Good Buddy. Grab your CB mic and go cry
somewhere else.

4618. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 11:21:19 UTC
From: Not Lloyd <anon@anon>
Message-ID: <j4s0m.5d6.17.1@news.alt.net>
Source record: 47241
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"w�thh�ld f�r r��s��s �f ��t����l S���r�ty" <NotLloyd> wrote in message
news:1167560293.979057@www.vif.com...
> ONE FINGER SALUTE FUCK OFF!
>
Would that be the very same finger you use to pick your nose? Or the one you
keep hidden in your posterior?
Dont chew your fingernails, Good Buddy.

Ten Four. Over and Out. I heard that, I did.
Roger, Roger.

Catch you later down the coax.

4619. Re: Delta Loop Ideas Please

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 13:42:59 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <D7Plh.1408$ji1.591@newssvr12.news.prodigy.net>
Source record: 47242

NomadW8 wrote:
> A full wave 20 meter delta loop, fed with open wire, ladder line or
> even TV twin lead & a tuner will load up on all bands 10-40 meters.
> Performance on 10-20 will be good, 30 & 40 a little less so.

EZNEC says the feedpoint of a 20m loop will be about
3000-j13000 on 40m. The SWR on the ladder-line line
will be around 130:1. For better performance on 40m,
install an insulator opposite the feedpoint thus
turning it into a dipole of sorts on 40m. Short across
the insulator for 20m operation.
--
73, Cecil http://www.w5dxp.com

4620. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 13:55:39 UTC
From: Cecil Moore <mycall@hotmail.com>
Message-ID: <vjPlh.1410$ji1.449@newssvr12.news.prodigy.net>
Source record: 47243

Sal M. Onella wrote:
> Yup, the peak of the main lobe is elevated. ... but my 144 copper pipe
> j-pole does put sufficient 440 energy toward the horizon that I am often
> able to hit a repeater more than 70 miles away (Santiago Peak in Orange
> County CA from southern San Diego County).

Yep, paraphrasing Roy:
All antennas emit energy at all angles.

I just don't like to waste 10m/VHF/UHF energy
at high angles.
--
73, Cecil http://www.w5dxp.com

4621. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 14:30:34 UTC
From: Mark@kb9rqz.aprs
Message-ID: <kbifp25c66e21ogjhag16f61q3sc88d2tq@4ax.com>
Source record: 47245
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

```
On Sun, 31 Dec 2006 03:32:17 -0500, "Not Lloyd" <anon@anon> wrote:

>
>"Barry OGrady" <god_free_jones@yahoo.com> wrote in message
>news:1h6ep2di75mpepcveb4bs0u5vte4mghbo2@4ax.com...
>> On Fri, 03 Nov 2006 04:12:47 GMT, RadioGuy <RadioGuy@radioguy.com> wrote:
>>
>> >In article <Yrw2h.1170$L6.382@newsread3.news.pas.earthlink.net>,
>> >my.mail@no.spam says...
>> >> "Invader3K" <beckermt@hotmail.com> wrote in
>> >> news:1162475014.725499.251720@e3g2000cwe.googlegroups.com:
>> >>
>> >> >
>> >> > Paul Keenleyside wrote:
>> >> >> "Slow Code" <my.mail@no.spam> wrote in message
>> >> >> news:VMb2h.1209$l25.548@newsread4.news.pas.earthlink.net...
>> >> >> > At club meetings, no-codes and nickle hams should have to stand up
>> >> >> > and salute when a 20wpm code tested Extra comes into the room.
>> >> >> >
>> >> >> > SC
>> >> >>
>> >> >> Depends if he brought the coke and pizzas for the meeting or not.
>> >> >>
>> >> >> have to know what's important these days in running a club.
>> >> >
>> >> > Crap like this is why I haven't gone for a ham license. I've worked
>in
>> >> > real broadcast radio and thought about taking the amateur test, but I
>> >> > have no desire to be in a hobby filled with childish old geezers.
>> >>
>> >>
>> >>
>> >> No-code hams in wheelchairs have to stand and salute the Extra too.
>Being
>> >> in a wheelchair is no excuse for not standing up and saluting.
>> >>
>> >>
>> >> SC
>> >>
>> >You're a discusting low life peice of shit for saying that. I have a
>> >Ham friend who is an extra and is in a wheel chair and can probably
>> >still kick you're sorry ass!!
>>
```

>> His are sorry ass?
>> Barry
>> =====
>> Home page
>> http://members.iinet.net.au/~barry.og
>
>"discusting"????
>"you're" instead of "your" sorry ass??
>"peice" in lieu of "piece"?

grow up "not anybody"
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4622. i punce in agin on hloiday

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 14:34:12 UTC
From: "Mark@kb9rqz.aspr" <Mark@kp9rqz.asr>
Message-ID: <4597bdb3$0$18692$88260bb3@free.teranews.com>
Source record: 47246
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb,alt.usenet.kooks,rec.arts.poems,rec.music.hip-hop

ok I back four anoter tuff day on the news grupes it my job tast is waht I
do so bringit on you loosers
show-na-to-va (that is the greeting for this time of year as JEW rendered
phonicticaly)
happy new years it means and it can be better one if Wismen Robson and SC a
few just decided to not to be as hateful with the punce gotcha he wonders
why I simple don't bother to ty impoving my spelling do u hav anyting
cognet two say?
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4623. woger rrapage

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 14:38:29 UTC
From: an old friend <kb9rqz@yahoo.com>
Message-ID: <1167575909.785242.77180@42g2000cwt.googlegroups.com>
Source record: 47247
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.cb

Mark@kb9rqz.aspr wrote:
>

you stil are not me woger

4624. Re: Discussion points on a long term Prognosis for AMATEUR RADIO

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 16:18:59 UTC
From: Neil Barrowman <neil.barrowman@ntlworld.com>
Message-ID: <TpRlh.7309$CR3.4896@newsfe6-win.ntli.net>
Source record: 47248

this is the best reasoned and fully thought through forecast of what is
likely to happen to AR in north america/uk/europe in the next 5---20
years.All of us involved in the HOBBYmust get our acts TOGETHER in order to
retain as many aspects of our wonderful pasttime in the face of the greed
of governments and "bottom line" greed.however I am very discouraged by the
amount of anger agressiveness rage and obscenity posted to this and other
subject related Newsgroups.
and fyi I am 80 years old and am learning pc skills from my 14 year old
grandson and his 12 year old sister--so there is always something else to
learn as technology advances(how can we use it to expand/improve the hobby
"??? .just a few not so rambling thoughts. happy new year to all from
SCOTLAND. GM0LTQ
"Dan" <winstonsalemve@yahoo.com> wrote in message
news:en8hbj$i7m$1@news04.infoave.net...
> Thesis ONE
>
> I am an OLDER Amateur and the long term prognosis of AR worries me.
> I am NOT having a temper tantrum about the FCC doing away with the CW
> testing requirement.
>
> This is a major change, but I think major changes are needed.
> Change is upsetting to some people, but things that don't change are DEAD.
>
> What further changes are needed???
>>
>>>>>>>>>>>>>>>>>>>>
>
> Thesis TWO
>
> --------AR has not kept up with changing technology-------------
> In WWI and WWII CW was state of the art. NOT so today.
> Today Having an EXTRA or a 25 wpm certificate does not give you a better
> insight into, or better operating technique in today's radio
> communications systems.
>>
>>>>>>>>>>>>>>>>>>>>>.
>
> Thesis Three
> Any how, when I got into AR in the early 80's after a long period as a SWL
> and CBer, there were a lot of guys my age (relative youngsters, age
> 25-30) just coming into AR.
> I am just not seeing youngsters coming in today.
>
> THIS WORRIES ME.

>
> What can be done to bring new young blood into AR?
>
>>>
>
> Thesis FOUR
>
> I have spent most of my adult life dealing with VHF, UHF and now 800MHz
> trunking systems.
> CW to me isn't bad, its just not germane to my day to day existence.
>
> I am an amateur who likes fiddling with things.
> Not so much operating, as asking questions like: can I take those VHF-LO
> whips that are already on those trucks cut hem down a little bit, and turn
> them into 5/8 wave antennae for the new VHF HI system? That sure would
> save a lot of work drilling and installing new antennae.
>
>
> Computers are the thing now, and the RF parts of their communication
> systems are what is important now in radio.
> I don' think we should kill off or stop using CW or SSB, nor do I think we
> should allow robot stations using various protocols to spread everywhere.
> To paraphrase Ecclesiastes: To every emission type there is some spectrum,
> A band for Cw, a band for SSB, a band for PSK-31, etc.
>
> <<<<<<<<Moderation in all things, and emission types.>>>>>>>>>>>.
>
>>
>>
>
> Thesis FIVE
>
> The recent FCC ruling on CW and the changes in various HF emissions
> authorizations are part of what I see as a slow but continuous movement
> toward an AR licensing system that will only have two licenses.
> Class A will be what used to be EXTRA, Advanced, and General, who will be
> allowed to use all authorized bandwidths, emissions and frequencies.
> Class B will be Techs, Tech Plus, and the old Novices who will be
> restricted to frequencies above 30 or 50 MHZ, and they will be appliance
> operators not allowed to adjust or repair their equipment.
>
> Take a look at CEPT 1 and CEPT 2.
>
> I think this is going to happen no matter what AR licensees have to say
> about it, because the FCC is just not interested in AR.
> AR is just not on their radar screens because the commissioners are from
> the DC chattering classes have little or no personal technical expertise.
> AR just cannot compete with the hordes of lobbyists and lawyers from the
> various Telecommunications interest groups like the CTIA, the FCC Bar,
> NAB, BPL operators,ATT, the various baby bells etc.

> NO lobbyists = NO clout at the FCC
>
> What can AR do to have some say about further changes mandated at the
> FCC?
>>
>>>
> Thesis SIX
>
> When I got interested in radio 35+ years ago, it seemed to me that there
> were several (non exclusive) "types"
> 1) talkers "ragchewers"
> 2) international goodwillers " Hey I just talked to a guy in Paraguay"
> 3)fiddlers "hey what happens if I put an extra capacitor in this power
> supply I just built"
> 4) public service guys " I wonder if I could be the Eastern net control of
> the TCC tonight after I clear the Races net?"
>
> It seems to me that the international goodwill types have all gone away to
> the internet.
> And the fiddlers are fiddling around less and less because modern day
> equipment to too small and complicated to work on at home, so they've gone
> off into programming or computer building.
>
> It appears to me that AR radiolicensees are devolving into two groups:
> VHF public service/talkers
> and
> A declining number of fiddlers.
>
> Is this good for AR?
>>
>>>>>>>>>>>>>>>>>>>
>
> If you want you can reply with your thoughts on any or all of these
> points.
> Lets keep this a genteel discussion.
> Amateur radio has several long term problems.
> Flame wars will not help solve them.
>
> Dan Yemiola
> AI8O
>

4625. Re: Remembering some past antennas (CB related)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 16:38:01 UTC
From: Jimmie D <jimmiedee@bellsouth.net>
Message-ID: <tHRlh.16192$AY1.11783@bignews5.bellsouth.net>
Source record: 47249

"Gary KW4Z" <kw4z@charter.net> wrote in message
news:C1B9FE5A.16587%kw4z@charter.net...
> Before I became a Ham (Amateur Radio Operator) I got my introduction to
> 2-way communications via CB-Radio. Hey can't argue too much about it
> that's
> how I met my wife some 31 years ago. Anyway I remember (during the Boom
> times) how many manufacturers produced some pretty good antennas that
> seemed
> to have great gain and results. I always wondered why they never applied
> some of their methods to Amateur Radio Antennas (well not Shakespeare
> because of their high lightning susceptibility).
>
> I wonder how many of the old standard base station antennas are still
> around
> in use or for sale? Such great antennas as the Avanti PDL Quad or
> Avanti's
> Astro Plane or MoonRaker series, or Shakespeare's "Big Stick" which was so
> prone to catching Lightning, or the original "Starduster"? I know that
> now,
> these days the Starduster and the Astro Plane are built by the same
> European
> business that purchased the rights to build each but for this post I'm not
> talking about the newer Astro Planes or Stardusters but rather the
> original
> models. The Big Stick I think has just faded away but I know there are
> still some out there.
>
> Maybe it was just youth but I thought those were great antennas and the
> only
> Amateur antenna that I really sang praises about was a HyGain HyQuad which
> actually stood up to an ice storm pretty well for me. Sold long ago but
> wish I still had that thing. I think the only ones that liked it better
> than me was the birds.
>
IT was your youth. (|:))

4626. Re: Discussion points on a long term Prognosis for AMATEUR RADIO

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 16:45:37 UTC
From: ricknj10@hotmail.com
Message-ID: <4597e8d8.49694562@news.optonline.net>
Source record: 47250

What does this have to do with antennas.?

Please post this in rec.radio.amateur.misc

To the antenna guys - please don't respond to this trolling.

Rick

4627. A real ANTENNA question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 17:47:29 UTC
From: jawod <jawod@fuse.net>
Message-ID: <3621e$4597f882$4831cf4b$7411@FUSE.NET>
Source record: 47251

Happy New Year

I am trying mobile operations for the first time...FT8900 Quad band XCVR and Diamond CR8900 quad band antenna (10, 6, 2M and 440Mhz). I am mounting the antenna on the hatchback of an Element.

I am wondering how significant is the proximity of the AM antenna (a stubby affair presumably housing some sort of coil?) to the new ham antenna. I can mount the antenna on the driver's side of the hatchback or the passenger side. The passenger side is within a foot or two of the AM stub antenna.

I would think in either case the AM antenna is in the Near Field.
Will the antenna pattern be significantly more affected on the passenger side?

Thanks in advance for all helpful replies ;)

John
AB8O

4628. Re: A real ANTENNA question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 18:07:26 UTC
From: Richard Clark <kb7qhc@comcast.net>
Message-ID: <8jufp29dsl7ah694s7h1iaar64ahnkp1c8@4ax.com>
Source record: 47252

On Sun, 31 Dec 2006 12:47:29 -0500, jawod <jawod@fuse.net> wrote:

>I would think in either case the AM antenna is in the Near Field.
>Will the antenna pattern be significantly more affected on the passenger
>side?

Happy New Year John,

Then it is best to resign yourself to the inevitable. Yes both will
be in the other's near field.

It isn't going to matter all that much unless the AM antenna becomes
resonant on one of those bands you use. Even then, it will only
matter in terms of match as the parasitic element is going to pull the
source. Unless it means punching holes in sheet metal, you can try
all possible sites and check SWR.

As for patterns, again the parasitic element (the AM antenna) will
have to support substantial currents (through coupling and matching -
and hence a significant SWR hit) to disturb the pattern. More likely
is that the sheet metal of the car and the site location of the
transmitting antenna is going to be of a far greater determiner of
pattern shape.

73's
Richard Clark, KB7QHC

4629. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 18:33:42 UTC
From: John Smith I <assemblywizard@gmail.com>
Message-ID: <en8vno$3dk$1@aioe.org>
Source record: 47253

Cecil Moore wrote:
> ...
> I just don't like to waste 10m/VHF/UHF energy
> at high angles.

Cecil:

And, neither do I. (well, 11m band--sometimes. Just for medicinal purposes, mind you. <evil grin>)

I have pursued the "Ultimate 10M Antenna", and a yaga or quad is/are great. However, I like a omni to listen for traffic on. And, when there are high winds, I like to point those directional antennas into the wind. (have stripped too many rotor gears and suffered too much damage in past decades)

Like you point out, and I concur, the perfect Omni which throws no rf to the sky is elusive ... strange too, we can do it with light.

I have gotten used to the "RF GODS" extracting their portion of my rf field to their realms in the sky :((sometimes they toss a bit back to australia though, I like the women there :))

Regards,
JS

4630. Visit Nighthawk's Forum

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 18:38:48 UTC
From: Nighthawk <miner1@flash.net>
Message-ID: <etTlh.10744$ZT3.5053@newssvr19.news.prodigy.com>
Source record: 47254
Cross-posted to:
rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx

If you have communications equipment you either want to buy, sell or give away, or you want to find out information on that new antenna, or radio you got for Christmas, visit Nighthawk's Forum

http://nighthawk.suddenlaunch2.com

4631. Re: To W2DU

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 19:32:31 UTC
From: Walter Maxwell <walt@w2du.com>
Message-ID: <6j3gp2tmk5hcr59j1pj4g0bb46g8s7tn62@4ax.com>
Source record: 47255

On Sat, 23 Dec 2006 09:05:26 -0500, jawod <jawod@fuse.net> wrote:

>Walter, I know you peruse the discourse in this NG from time to time.
>
>Very nice article you wrote in QST about FCC, Adcock antennas and WWII.
> An enjoyable read. Thanks.
>
>John
>AB8O
Hi John,

Thank you for your reply-I'm pleased that you liked my article on the FCC in WW2.
I apologize for the delay in responding, but I have been overwhelmed by the number of responses, and the time consumed with house guests over the Holidays that prevented me from getting to the keyboard in a timely manner.
I submitted another article to QST, but they said there was insufficient space for it, so they published it on the ARRL Web Extra page. That page has not been well publicized, so only a few have seen it. I believe you will also find this article interesting, and the easiest way to see it is to go to Google and enter 'Evolution of K2BSA'. It is the story of how the National Headquarters of Boy Scouts originally acquired an amateur radio station.
You might also find my own web page of interest. I invite you to take a look at www.w2du.com.
73, and a Happy New Year!
Walt, W2DU

4632. Re: A real ANTENNA question

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 20:10:50 UTC
From: craigm <none@domain.invalid>
Message-ID: <yOUlh.11$pj2.120951@news.sisna.com>
Source record: 47256

Richard Clark wrote:

> On Sun, 31 Dec 2006 12:47:29 -0500, jawod <jawod@fuse.net> wrote:
>
>>I would think in either case the AM antenna is in the Near Field.
>>Will the antenna pattern be significantly more affected on the passenger
>>side?
>
> Happy New Year John,
>
> Then it is best to resign yourself to the inevitable. Yes both will
> be in the other's near field.
>
> It isn't going to matter all that much unless the AM antenna becomes
> resonant on one of those bands you use. Even then, it will only
> matter in terms of match as the parasitic element is going to pull the
> source. Unless it means punching holes in sheet metal, you can try
> all possible sites and check SWR.
>
> As for patterns, again the parasitic element (the AM antenna) will
> have to support substantial currents (through coupling and matching -
> and hence a significant SWR hit) to disturb the pattern. More likely
> is that the sheet metal of the car and the site location of the
> transmitting antenna is going to be of a far greater determiner of
> pattern shape.
>
> 73's
> Richard Clark, KB7QHC

Another mounting option may be to use the location for the roof rack. Look for the rectangular plastic parts above the driver's door. They pop out and under some you will find the mount for the roof rack. This would get you 3-4 feet from the AM/FM antenna.

The stubby antenna is probably active so it may not appreciate high signal levels.

craigm

4633. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 22:02:27 UTC
From: Lloyd Davies <novfp@swine.com>
Message-ID: <en9c1t$ps5$1@news.albasani.net>
Source record: 47257
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

"Not Lloyd" <anon@anon> wrote in message news:j4rnk.49i.17.1@news.alt.net...
>
> "w�thh�ld f�r r��s��s �f ��t����l S���r�ty" <NotLloyd> wrote in message
> news:1167560193.573475@www.vif.com...
>> AMATEUR ARE NOTHING BUT STUCK UP IDIOTS THINKS KNOW IT ALL!
>>
>>
>> one word comes to mind: brainless stuck up idiot (describes amateur
>> radio person)
>>
> Hop into your beat up pickup, Good Buddy. Grab your CB mic and go cry
> somewhere else.
>
>
CHECK OUT MY CB SHACK

http://www.qsl.net/n0vfp/my_ham_shack.htm

IT'S BODACIOUS!

http://i11.tinypic.com/4dg2gp1.jpg

4634. Re: Welding Rod J-Pole Possible? (alternate antenna)

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 22:11:39 UTC
From: jake <jake_not_the_fat_man@aol.com>
Message-ID: <4598359B.34C9CC3C@aol.com>
Source record: 47258

hi

don't want to talk you out of the jpole but have you seen the

Moxon for 2m ? Direct fed with 50 ohm coax.

http://www.cebik.com/moxon/moxbld.html

has gain similar to a 2 element yagi but takes up less space,
and no radials to worry about.

73 jake

4635. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 22:13:37 UTC
From: Mark@kb9rqz.aprs
Message-ID: <rfdgp2l2ri0pa9u3btnl06rpu9no4uksso@4ax.com>
Source record: 47259
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

On Sun, 31 Dec 2006 17:02:27 -0500, "Lloyd Davies" <novfp@swine.com>
wrote:

>
>"Not Lloyd" <anon@anon> wrote in message news:j4rnk.49i.17.1@news.alt.net...

again Not anybody get a life
http://kb9rqz.blogspot.com/

--
Posted via a free Usenet account from http://www.teranews.com

4636. Re: To W2DU

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 22:13:59 UTC
From: "H. Adam stevens, NQ5H" <NQ5H@ARRL.net>
Message-ID: <12pgdh5fs3eo6a1@corp.supernews.com>
Source record: 47260

"Walter Maxwell" <walt@w2du.com> wrote in message
news:6j3gp2tmk5hcr59j1pj4g0bb46g8s7tn62@4ax.com...
> On Sat, 23 Dec 2006 09:05:26 -0500, jawod <jawod@fuse.net> wrote:
>
>>Walter, I know you peruse the discourse in this NG from time to time.
>>
>>Very nice article you wrote in QST about FCC, Adcock antennas and WWII.
>> An enjoyable read. Thanks.
>>
>>John
>>AB8O
> Hi John,
>
> Thank you for your reply-I'm pleased that you liked my article on the FCC
> in
> WW2.
> I apologize for the delay in responding, but I have been overwhelmed by
> the
> number of responses, and the time consumed with house guests over the
> Holidays
> that prevented me from getting to the keyboard in a timely manner.
> I submitted another article to QST, but they said there was insufficient
> space
> for it, so they published it on the ARRL Web Extra page. That page has not
> been
> well publicized, so only a few have seen it. I believe you will also find
> this
> article interesting, and the easiest way to see it is to go to Google and
> enter
> 'Evolution of K2BSA'. It is the story of how the National Headquarters of
> Boy
> Scouts originally acquired an amateur radio station.
> You might also find my own web page of interest. I invite you to take a
> look at
> www.w2du.com.
> 73, and a Happy New Year!
> Walt, W2DU
>

Happy New year, Walt.
And the same to all you old farts out there.
H., NQ5H

4637. Re: Discussion points on a long term Prognosis for AMATEUR RADIO

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 22:44:44 UTC
From: Dan <winstonsalemve@yahoo.com>
Message-ID: <en9f1p$gs2$1@news04.infoave.net>
Source record: 47261

"Rick" <ricknj10@hotmail.com> wrote in message
news:4597e8d8.49694562@news.optonline.net...
> What does this have to do with antennas.?

AR licensee numbers are declining
NO AR= NO need for antennae

>
> Please post this in rec.radio.amateur.misc
>
> To the antenna guys - please don't respond to this trolling.

You didn't read the last two lines of the posting:

>Amateur radio has several long term problems.
>Flame wars will not help solve them.

>
> Rick
>
>

4638. Re: Welding Rod J-Pole Possible?

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 23:05:18 UTC
From: Chuck James <c456james@sbcglobal.net>
Message-ID: <KmXlh.4262$x67.3323@newssvr17.news.prodigy.net>
Source record: 47263

Yep, this is exactly what I'm looking for. Thanks!

"Bryan" <bryan.swadenerNOSPAM@comcast.net> wrote in message
news:kpmdnQp0SaYpoArYnZ2dnUVZ_ualnZ2d@giganews.com...
> Chuck James wrote:
>> This looks like what i am asking for, but the picture is not very clear.
>> Any more details anywhere?
>>
> Hi Chuck,
>
> I found the image here:
> http://www.alpharubicon.com/elect/vertdipoleniet.htm
> and cleaned it up -- not much more info available on that page. It's
> basically a dipole turned vertical. With the feedline going thru the
> bottom
> half and connecting at the top of that section, it becomes a "bazooka"
> vertical.
>
> There're more links to bazooka antennas here:
> http://www.dxzone.com/catalog/Antennas/Bazooka/ I thought this
> construction
> method: http://www.start.ca/users/ldblake/bazooka.htm was particularly
> innovative. I don't think you'd need to use RG-8 as described -- just
> about
> any 50-ohm feedline would work fine.
>
> 73,
> Bryan WA7PRC
>
>

4639. Re: Show some respect.

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 23:05:41 UTC
From: wîthhËld fØr rËåsØñs Øf ñå tîØñål SËÇürîty <NotLloyd>
Message-ID: <1167606343.118934@www.vif.com>
Source record: 47262
Cross-posted to: alt.radio.scanner,rec.radio.amateur.antenna,rec.radio.amateur.policy,rec.radio.swap

Not Lloyd wrote:
> "wï¿½thhï¿½ld fï¿½r rï¿½ï¿½sï¿½ï¿½s ï¿½f ï¿½ï¿½tï¿½ï¿½ï¿½ï¿½l Sï¿½ï¿½ï¿½rï¿½ty"
<NotLloyd> wrote in message
> news:1167560293.979057@www.vif.com...
>
>>ONE FINGER SALUTE FUCK OFF!
>>
>
> AM BRAIN DEAD HAM
>
>
>> ---
> avast! Antivirus: Inbound message clean.
> Virus Database (VPS): 0666-0, 12/30/2006
> Tested on: 12/31/2006 6:02:15 PM
> avast! - copyright (c) 1988-2006 ALWIL Software.
> http://www.avast.com
>
>

---
avast! Antivirus: Outbound message clean.
Virus Database (VPS): 0666-0, 12/30/2006
Tested on: 12/31/2006 6:05:41 PM
avast! - copyright (c) 1988-2006 ALWIL Software.
http://www.avast.com

4640. Re: Delta Loop Ideas Please

Newsgroup: rec.radio.amateur.antenna
Date: 2006-12-31 23:18:16 UTC
From: NomadW8 <cpa599@gmail.com>
Message-ID: <1167607096.698379.109370@a3g2000cwd.googlegroups.com>
Source record: 47264

Or a 1/4 wave 40 meter stub (aka wave trap/auto switch).

Cecil Moore wrote:1. For better performance, on 40m,
> install an insulator opposite the feedpoint thus
> turning it into a dipole of sorts on 40m. Short across
> the insulator for 20m operation.
> --
> 73, Cecil http://www.w5dxp.com